



Austin Boulevard Resurfacing
March 14, 2022
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March 14, 2022
Austin Boulevard Resurfacing
Phase 1 & 2 Engineering
Village of Oak Park

EXHIBIT A – SCOPE OF ENGINEERING SERVICES

Project Description

This project involves preparing construction plans and specifications for resurfacing of Austin Boulevard between Roosevelt Road and Lake Street, approximately 8,300 feet.

Project Scope of Work:

The scope of work includes a 3-inch mill and overlay of the roadway section. Areas of extensive deteriorated pavement will be patched after the milling and before the overlay is constructed. TranSystems will perform field inspection to determine patching and curb & gutter removal and replacement quantities. Structure adjustments as well as parkway restoration will be performed. Sidewalk ramps will be replaced to comply with ADA requirements. The geometry will not be improved or changed as part of the proposed improvements.

TranSystems will prepare the contract plans, specifications, and cost estimates for a contract letting through IDOT. The work shall be prepared in accordance with IDOT requirements. The plans and specifications will provide sufficient guidance to the contractor necessary to bid the project and include sufficient details for completing the street resurfacing. The plans will be reviewed by the Village and IDOT. Coordination with IDOT will also be required.

Scope of Engineering Services:

1. Project Coordination and Data Collection

- Kick-off meeting to discuss project scope, and obtain electronic files as available from the Village containing pavement information, centerline and stationing, utility data, striping, and geometrics for the project limits.
- Conduct pre-final plan review meetings with the Village to discuss plan comments.
- Conduct a site inspection to identify locations of pavement patching, concrete curb, and gutter repair.
- Coordinate with concurrent sewer design and construction project between Roosevelt Road and I-290.
- Utility coordination as needed.
- Drainage structure survey and photo review
- IDOT Detour Meeting

2. Topographic Survey

- Conduct a limited supplemental topographic survey as needed, not exceeding two survey days (Jorgensen).



3. Environmental Processing

- Assume BLR 19100 (CE I with no report).
- Assume submittal of ESR, especially if IDOT requires clearance of special waste for the Washington Street intersection.
- Perform PESA (Huff & Huff).
- Identify scope of PSI (Huff & Huff).
- Coordination with IDOT for potential state PESA at Washington Street.

4. Pre-final Contract Plans, Specifications, and Estimates (PS&E)

It is anticipated that the following sheets will be included in the contract plans:

Sheet Description	No. of Sheets
Title Sheet	1
Index of Sheet, General Notes and Highway Standards	1
Summary of Quantities	2
Existing and Proposed Typical Sections	4
Roadway Plan (1"=50')	4
Drainage Structure Schedule	1
Traffic Staging Plans	10
Detour Plans	2
Pavement Marking, Signing & Landscaping Plan (1"=50')	4
ADA Ramp Details (1" = 10'; 2 corners / sheet)	12
District One Details	12
Totals	53

- Conduct quantity take-offs and prepare estimate of construction cost based on current unit price data.
- Prepare specifications and contract documents based on IDOT standards.
- Submit plans and documents to the Village and IDOT for review and comment.



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5. Final PS&E

- Based on comments received from the Village and IDOT, prepare final contract plans, specifications, and estimates.
- Address pre-final comments and provide a disposition of comments.
- Process final contract plans, documents, and agreements through the West Central Municipal Conference and IDOT for a contract letting.

6. Permitting

- City of Chicago - City maintains east half (northbound lanes) of Austin Boulevard and work on west half (southbound lanes) will require a City permit and coordination.
- UPRR – anticipate pavement patching and manhole/vault repair under the viaduct supporting the UPRR tracks which will require an access permit.

7. Construction Consultation

- Attend IDOT pre-construction meeting
- Provide responses to contractor RFIs

8. QA/QC reviews

- Provide review of pre-final PS&E
- Provide review of initial-final PS&E

9. Project Management and Administration

- Prepare monthly invoicing and project status reports (2 hrs/mo for 24 months)



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Project Schedule

Notice to Proceed	April 2022
Kick-off Mtg	May 2022
Submit ESR	June 2022
Submit BLR 19100	September 2022
Anticipate IDOT comments	November 2022
Re-submit BLR 19100	December 2022
Anticipate Design Approval	February 2023
Pre-Final Plans Submitted	September 2023
Final PS&E Submitted	November 2023
Letting	March 2024

Assumptions:

1. Village will perform infrastructure condition inventory for drainage structures. TSC will review data and include in plan set.
2. No relocations required by private utilities other than potential frame adjustments.
3. Sidewalk work consists of street corner sidewalk ramps for ADA, replacement of sidewalk behind curb patches and locations provided by Village in GIS format.
4. No pavement cores or soil borings will be required.
5. A PSI is not included in this scope and will be procured separately.



Local Public Agency Villa Park	County Cook County	Section Number
Consultant (Firm) Name TranSystems Corporation	Prepared By David Block	Date 3/14/2022

PAYROLL ESCALATION TABLE

CONTRACT TERM	24	MONTHS	OVERHEAD RATE	143.97%
START DATE	4/1/2022		COMPLEXITY FACTOR	0
RAISE DATE	4/2/2022		% OF RAISE	2.00%
END DATE	3/31/2024			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	4/1/2022	4/2/2022	0	0.00%
1	4/3/2022	4/2/2023	12	51.00%
2	4/3/2023	4/2/2024	12	52.02%

The total escalation = 3.02%

Local Public Agency	County	Section Number
Villa Park	Cook County	

MAXIMUM PAYROLL RATE	78.00
ESCALATION FACTOR	3.02%

PAYROLL RATES

Exhibit E Cost Estimate of Consultant Services Worksheet Fixed Raise

CLASSIFICATION	IDOT PAYROLL RATES ON FILE	CALCULATED RATE
Engineer 5 (E5)	\$78.00	\$78.00
Engineer 4 (E4)	\$77.39	\$78.00
Engineer 3 (E3)	\$68.71	\$70.79
Engineer 2 (E2)	\$48.13	\$49.58
Engineer 1 (E1)	\$36.00	\$37.09
Planner 5 (P5)	\$78.00	\$78.00
Planner 4 (P4)	\$66.91	\$68.93
Planner 3 (P3)	\$46.70	\$48.11
Planner 2 (P2)	\$39.64	\$40.84
Architect 4 (AR4)	\$73.88	\$76.11
Architect 3 (AR3)	\$65.92	\$67.91
Architect 2 (AR2)	\$45.24	\$46.61
Architect 1 (AR1)	\$37.86	\$39.00
Environmental Scientist 4 (SC4)	\$78.00	\$78.00
Industry Specialist 3 (IS3)	\$60.11	\$61.93
Construction Services 4 (CS4)	\$57.14	\$58.87
Construction Services 3 (CS3)	\$58.46	\$60.23
Construction Services 2 (CS2)	\$33.08	\$34.08
Technician 3 (T3)	\$39.18	\$40.36
Technician 1 (T1)	\$20.04	\$20.65
Administrative 3 (A3)	\$56.24	\$57.94
Administrative 2 (A2)	\$30.66	\$31.59
Administrative 1 (A1)	\$26.94	\$27.75

Local Public Agency

Villa Park

County

Cook County

Section Number

AVERAGE HOURLY PROJECT RATES

Exhibit E Cost Estimate of Consultants Services Worksheet Fixed Raise

SHEET 1 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			1-Coordination and Data Collection			2-Topographic Survey			3-Environmental Processing			4-Pre-final PS&E			5-Final PS&E		
		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 5 (E5)	78.00	0.0																	
Engineer 4 (E4)	78.00	190.0	20.34%	15.87	20	26.32%	20.53				12	14.63%	11.41	64	14.81%	11.56	34	18.89%	14.73
Engineer 3 (E3)	70.79	0.0																	
Engineer 2 (E2)	49.58	498.0	53.32%	26.44	36	47.37%	23.49	2	100.00%	49.58	40	48.78%	24.19	268	62.04%	30.76	96	53.33%	26.44
Engineer 1 (E1)	37.09	222.0	23.77%	8.82	20	26.32%	9.76				30	36.59%	13.57	100	23.15%	8.59	50	27.78%	10.30
Planner 5 (P5)	78.00	0.0																	
Planner 4 (P4)	68.93	0.0																	
Planner 3 (P3)	48.11	0.0																	
Planner 2 (P2)	40.84	0.0																	
Architect 4 (AR4)	76.11	0.0																	
Architect 3 (AR3)	67.91	0.0																	
Architect 2 (AR2)	46.61	0.0																	
Architect 1 (AR1)	39.00	0.0																	
Environmental Scientist 4 (E)	78.00	0.0																	
Industry Specialist 3 (IS3)	61.93	0.0																	
Construction Services 4 (C)	58.87	0.0																	
Construction Services 3 (C)	60.23	0.0																	
Construction Services 2 (C)	34.08	0.0																	
Technician 3 (T3)	40.36	0.0																	
Technician 1 (T1)	20.65	0.0																	
Administrative 3 (A3)	57.94	0.0																	
Administrative 2 (A2)	31.59	24.0	2.57%	0.81															
Administrative 1 (A1)	27.75	0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
TOTALS		934.0	100%	\$51.93	76.0	100.00%	\$53.77	2.0	100%	\$49.58	82.0	100%	\$49.17	432.0	100%	\$50.90	180.0	100%	\$51.48

Local Public Agency

Villa Park

County

Cook County

Section Number

AVERAGE HOURLY PROJECT RATES

Exhibit E Cost Estimate of Consultant Services Worksheet Fixed Raise

SHEET 2 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	6-Permitting			7-Construction Consultation			8-QA/QC			9-Project Management and Administration								
		Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg
Engineer 5 (E5)	78.00																		
Engineer 4 (E4)	78.00	8	16.67%	13.00	8	30.77%	24.00	20	50.00%	39.00	24	50.00%	39.00						
Engineer 3 (E3)	70.79																		
Engineer 2 (E2)	49.58	24	50.00%	24.79	12	46.15%	22.88	20	50.00%	24.79									
Engineer 1 (E1)	37.09	16	33.33%	12.36	6	23.08%	8.56												
Planner 5 (P5)	78.00																		
Planner 4 (P4)	68.93																		
Planner 3 (P3)	48.11																		
Planner 2 (P2)	40.84																		
Architect 4 (AR4)	76.11																		
Architect 3 (AR3)	67.91																		
Architect 2 (AR2)	46.61																		
Architect 1 (AR1)	39.00																		
Environmental Scientist 4 (SC4)	78.00																		
Industry Specialist 3 (IS3)	61.93																		
Construction Services 4 (CS4)	58.87																		
Construction Services 3 (CS3)	60.23																		
Construction Services 2 (CS2)	34.08																		
Technician 3 (T3)	40.36																		
Technician 1 (T1)	20.65																		
Administrative 3 (A3)	57.94																		
Administrative 2 (A2)	31.59										24	50.00%	15.79						
Administrative 1 (A1)	27.75																		
TOTALS		48.0	100%	\$50.15	26.0	100%	\$55.44	40.0	100%	\$63.79	48.0	100%	\$54.79	0.0	0%	\$0.00	0.0	0%	\$0.00

Local Public Agency

County

Section Number

Village of Oak Park

Cook

**Exhibit C
Direct Costs Check Sheet**

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.

Item	Allowable	Quantity	Contract Rate	Total
<input type="checkbox"/> Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)			
<input type="checkbox"/> Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			
<input type="checkbox"/> Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			
<input checked="" type="checkbox"/> Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	150	\$0.56	\$84.75
<input type="checkbox"/> Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day			
<input type="checkbox"/> Vehicle Rental	Actual cost (Up to \$55/day)			
<input type="checkbox"/> Tolls	Actual cost			
<input type="checkbox"/> Parking	Actual cost			
<input type="checkbox"/> Overtime	Premium portion (Submit supporting documentation)			
<input type="checkbox"/> Shift Differential	Actual cost (Based on firm's policy)			
<input checked="" type="checkbox"/> Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)	4	\$20.00	\$80.00
<input checked="" type="checkbox"/> Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)	2000	\$0.20	\$400.00
<input type="checkbox"/> Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)			
<input type="checkbox"/> Project Specific Insurance	Actual Cost			
<input type="checkbox"/> Monuments (Permanent)	Actual Cost			
<input type="checkbox"/> Photo Processing	Actual Cost			
<input type="checkbox"/> 2-Way Radio (Survey or Phase III Only)	Actual Cost			
<input type="checkbox"/> Telephone Usage (Traffic System Monitoring Only)	Actual Cost			
<input type="checkbox"/> CADD	Actual cost (Max \$15/hour)			
<input type="checkbox"/> Web Site	Actual cost (Submit supporting documentation)			
<input type="checkbox"/> Advertisements	Actual cost (Submit supporting documentation)			
<input type="checkbox"/> Public Meeting Facility Rental	Actual cost (Submit supporting documentation)			
<input type="checkbox"/> Public Meeting Exhibits/Renderings & Equipment	Actual cost (Submit supporting documentation)			
<input type="checkbox"/> Recording Fees	Actual Cost			
<input type="checkbox"/> Transcriptions (specific to project)	Actual Cost			
<input type="checkbox"/> Courthouse Fees	Actual Cost			
<input type="checkbox"/> Storm Sewer Cleaning and Televising	Actual cost (Requires 2-3 quotes with IDOT approval)			
<input type="checkbox"/> Traffic Control and Protection	Actual cost (Requires 2-3 quotes with IDOT approval)			
<input type="checkbox"/> Aerial Photography and Mapping	Actual cost (Requires 2-3 quotes with IDOT approval)			
<input type="checkbox"/> Utility Exploratory Trenching	Actual cost (Requires 2-3 quotes with IDOT approval)			
<input type="checkbox"/> Testing of Soil Samples	Actual Cost			
<input type="checkbox"/> Lab Services	Actual Cost (Provide breakdown of each cost)			
<input type="checkbox"/> Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
Total Direct Costs				\$564.75



JORGENSEN & ASSOCIATES, INC.
LAND SURVEYORS

Est. 1990

March 7, 2022

Mr. David W. Block, P.E.
TranSystems Corporation
1475 East Woodfield Road
Suite 600
Schaumburg, Illinois 60173-5440

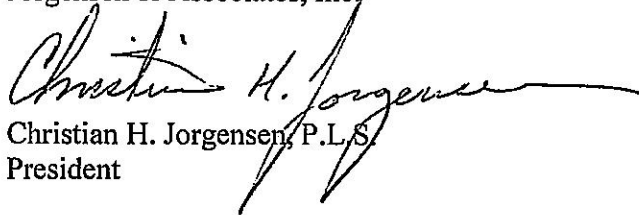
Re: Village of Oak Park – Austin Boulevard Survey Proposal

Dear Mr. Block:

Enclosed, please find our proposal to prepare a supplemental topographic survey for the referenced project. Our proposal is based on your email of March 3rd.

I would like to thank you for considering Jorgensen & Associates for this project. We look forward to continuing our working relationship with your firm. Should you have any questions, comments or require any further information concerning our proposal, please feel free to call me at (847)356-3371.

Respectfully submitted,
Jorgensen & Associates, Inc.



Christian H. Jorgensen, P.L.S.
President

CHJ/pt

Enclosures

E:\TranSystems\Oak Park\Austin Blvd\Letter

Route: Austin Boulevard
Section: Roosevelt Road to Lake Street
County: Cook
Job No.:

Exhibit "A"

Payroll Burden & Fringe Costs

	<u>% of Direct Productive Payroll</u>
Federal Insurance Contributions Act _____	11.98%
State Unemployment Compensation _____	0.18%
Federal Unemployment Compensation _____	0.13%
Workmen's Compensation Insurance _____	1.08%
Paid Holidays, Vacation, Sick Leave, Personal Leave _____	11.18%
Bonus _____	6.61%
Pension _____	0.91%
Group Insurance _____	<u>38.11%</u>
Total Payroll Burden & Fringe Costs	70.18%

Route: Austin Boulevard
 Section: Roosevelt Road to Lake Street
 County: Cook
 Job No.:

Exhibit "B"

Overhead and Indirect Costs

	<u>% of Direct Productive Payroll</u>
Business Insurance _____	4.90%
Depreciation _____	11.95%
Indirect wages and salaries _____	42.72%
Reproductive and printing costs _____	0.14%
Office Supplies _____	2.54%
Computer Costs _____	5.49%
Professional Fees _____	3.30%
Telephone _____	1.88%
Fees, license & dues _____	1.37%
Repairs and maintenance _____	0.82%
Business space rent _____	5.07%
Facilities - capital _____	0.74%
Travel - Meals _____	0.28%
Survey Supplies _____	1.94%
Automobile/travel expense _____	2.78%
Miscellaneous Expense _____	0.41%
Gain on sale of assets _____	(6.66%)
Postage _____	0.12%
Educational & Professional Registrations _____	0.24%
Recruiting _____	0.49%
Small Equipment Expense _____	<u>0.27%</u>
 Total Overhead	 80.79%

**PAYROLL ESCALATION TABLE
FIXED RAISES**

FIRM NAME Jorgensen & Associates, Inc.
PRIME/SUPPLEMENT Prime

DATE 03/05/22
PTB NO. _____

CONTRACT TERM 12 MONTHS
START DATE 3/7/2022
RAISE DATE 9/7/2022

OVERHEAD RATE 150.97%
COMPLEXITY FACTOR _____
% OF RAISE 0.00%

ESCALATION PER YEAR

3/7/2022 - 9/7/2022

9/8/2022 - 3/7/2023

6

12

6

12

= 50.00%
= 1.0000

50.00%

0.00%

The total escalation for this project would be:

AVERAGE HOURLY PROJECT RATES

FIRM Jorgensen & Associates, Inc.
PSB _____
PRIME/SUPPLEMENT Prime

DATE 03/05/22
SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			(1) Field-Topographic Survey			(2) Office-Compile Field Data			(3) Office-Create Existing Topography Base Sheets			(4) Office-Create T.I.N. & Contours			(5) QC/QA		
		Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg
Supervisor, P.L.S.	45.00	3	6.12%	2.76				1	33.33%	15.00							2	100.00%	45.00
Survey Party Chief, P.L.S.	31.50	18	36.73%	11.57	18	50.00%	15.75												
Instrument Operator	23.75	18	36.73%	8.72	18	50.00%	11.88												
Cadd Supervisor	33.75	10	20.41%	6.89				2	66.67%	22.50	6	100.00%	33.75	2	100.00%	33.75			
		0																	
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TOTALS		49	100%	\$29.94	36	100.00%	\$27.63	3	100%	\$37.50	6	100%	\$33.75	2	100%	\$33.75	2	100%	\$45.00

Route: Austin Boulevard
 Section: Roosevelt Road to Lake Street
 County: Cook
 Job No.:

**Manhour Breakdown
 Topographic Survey Estimate**

Austin Boulevard \pm 7,920' = \pm 1.500 miles
 Total Length \pm 7,920' = \pm 1.500 miles

1. Field – Topographic Survey

a. Measure traverse & level circuit		
2 hours x 2 men =		4 MH
b. Locate supplemental topography		
16 hours x 2 men =		<u>32 MH</u>
	Sub-total Item #1	36 MH

2. Office - Compile Field Data

a. Compute traverse & level circuit		
1 hour x 1 man =		1 MH
b. Edit & compile field data		
2 hours x 1 man =		<u>2 MH</u>
	Sub-total Item #2	3 MH

3. Office - Create Existing Topography Base File

a. Layout and drafting		
6 hours x 1 man =		6 MH

4. Office - Create T.I.N. & Contours

a. Compute contours		
2 hours x 1 man =		2 MH

5. QC/QA

- a. Check topographic survey & contours
2 hours x 1 man =

2 MH

Total All Items 49 MH

Route: Austin Boulevard
Section: Roosevelt Road to Lake Street
County: Cook
Job No.:

**Breakdown of
In House Direct Costs**

Item

1. Field - Topographic Survey

- a. Trips to project site - 2 each
 $\pm 118 \text{ miles/trip} \times 2 \text{ trips} = \pm 236 \text{ miles}$
 $\pm 236 \text{ miles @ } \$0.58/\text{mile} =$ \$ 136.88



A Subsidiary of GZA



March 4, 2022

via email: dwblock@transystems.com

Mr. David W. Block, P.E. – Assistant Vice President
TranSystems Corporation
1475 East Woodfield Road – Suite 600
Schaumburg, IL 60173-5440

**Re: Phase I Environmental Services – Austin Boulevard (Roosevelt to Lake)
Village of Oak Park, Cook County, Illinois
Proposal No. 81.P013002.23**

Dear Mr. Block:

Huff & Huff, Inc., a subsidiary of GZA, Inc. (GZA) is pleased to submit this proposal to TranSystems Corporation (Client) to complete a Phase I Environmental Services for the proposed improvements along Austin Boulevard from Roosevelt road to Lake Street (approximately 1.5 miles in length), located in the Village of Oak Park (Village), Cook County, Illinois. Specifically, Client has requested scope for completing a Preliminary Environmental Site Assessment (PESA) and based on the findings of the PESA, developing a draft scope for completing a Preliminary Site investigation (PSI) and LPC-663 Form documentation for consideration of acceptance of project spoils at a Clean Construction and Demolition Debris (CCDD) or Uncontaminated Soil Fill Operation (USFO) facility. This proposal presents our project understanding and the scope of services.

1. PROJECT UNDERSTANDING

We understand the proposed improvements along Austin Boulevard include resurfacing and sewer replacement in several sections, primarily south of I-290. We understand IDOT jurisdiction exists at intersections with Roosevelt Road and Washington Boulevard.

Client has provided GZA with summary information of the proposed improvements and a project description from the Village of Oak Parks Capital development Fund Project Sheet for Austin Boulevard Resurfacing. These items shall serve as our current basis of understanding of the proposed improvements.

According to the provided Project Sheet, improvements may include widening of the intersection on Washington Street to accommodate left turn bays, replacement of existing traffic signal and sidewalk ramps. In addition, per the findings from the above-referenced PESA, Client has requested the PSI scope to include assumption of two (2) properties having some level of contaminated soils.

1. SCOPE OF SERVICES

GZA will provide the following scope of services for the proposed project:

Task 1 – Preliminary Environmental Site Assessment (PESA)

- GEOTECHNICAL
- ENVIRONMENTAL
- ECOLOGICAL
- WATER
- CONSTRUCTION MANAGEMENT

915 Harger Road
Suite 330
Oak Brook, IL 60523
T: 630.684.9100
F: 630.684.9120
www.huffnhuff.com
www.gza.com



A PESA will be completed for local roads portions of the project and the process will follow general protocols contained within:

- A Manual for Conducting Preliminary Environmental Site Assessments for Illinois Department of Transportation (IDOT) Highway Projects (Erdmann et al., 2012)
- ASTM International (ASTM) standard 1527-13
- The IDOTs Bureau of Design and Environment (BDE) Procedure Memorandum Number 10-07, *Special Waste Procedures*. This memo was incorporated into Chapter 27-3 of the IDOT BDE Manual in June 2012.
- IDOT Bureau of Local Roads and Streets (BLRS) Manual, Chapter 20-12, Special Waste, July 2013.
- Public Act 96-1416
- Clean Construction or Demolition Debris Fill Operations (CCDD) and Uncontaminated Soil Fill Operations: Amendments to 35 Illinois Administrative Code 1100. Effective on August 27, 2012.

A. Historical Research

The site's historical land use/ownership record will be developed from standard historical sources. Historic aerial photographs will be reviewed to identify land use over time and potential areas of environmental concern, such as areas of surface disturbance and outside storage.

B. Site Evaluation

Current environmental features and conditions of sites adjacent to the right-of-way/project area will be evaluated. A site walkover of potential right-of-way/project areas designated for excavation and/or acquisition will be conducted for first-hand evaluation of current environmental conditions within the project limits. All of the features and conditions listed above will be investigated and, as appropriate, documented in photographs. The land-use and housekeeping practices of adjacent properties also will be evaluated in accordance with ASTM protocols.

C. Records Review

A new database will be obtained for the project corridor and we will compare the findings of the original PESA to the current findings.

A records review will be conducted to determine potential environmental concerns within the study area. It will include a search of standard state and federal environmental record databases in accordance with the specifications of ASTM standards. This search is based on the outline of the study area.

Specifically, Consultant will search each database to identify any potential sources requiring further investigation. As appropriate, Freedom of Information Act (FOIA) requests will be filed with the IEPA to obtain additional data pertaining to identified sites.

D. Report Preparation

A PESA Report summarizing the results of the evaluation will be prepared. The following information will be included in this report:

- a) The project location and description
- b) Historical uses of corridor.
- c) The area geology and hydrology.
- d) The environmental status of sites adjacent to the corridor regarding chemical use and storage, underground and aboveground storage tanks, solid waste, special waste, and hazardous waste, and PCBs.
- e) An analysis of the site inspection.



- f) A summary of the findings regarding environmental concerns. This will include IDOT's BDE Manual Chapter 27-3, Special Waste Procedures, and identification of Potentially Impacted Properties (PIPs) per Subpart F, Section 1100, 35 IAC, related to Clean Construction or Demolition Debris management.
- g) Comparison of current findings to findings from the prior PESA.

Task 2 – Project Management

Time under this task includes project administration and management activities that include cost and schedule tracking, coordination with Client on authorized activities, and other in-house management activities, and project closeout.

Task 3 – QA/QC

Time under this task includes QA/QC time for the PESA report as described above.

Task 3 – (OPTIONAL) Draft Scope for Preliminary Site Investigation (PSI) / CCDD

Based on the findings of the PESA and in conjunction with project design details, GZA will draft a scope for the PSI and CCDD task which we understand may be completed in a separate phase of the project and/or under a separate contract. The proposed scope for the PSI and CCDD for the local roads portions of the project corridor will include of the following components.

A. Soil Borings and Soil Sampling

The number, location, and depth of soil borings will be proposed.

B. Analytical

The laboratory analysis for each sample will be proposed to be consistent with assessment approach in general accordance with industry standards, including the IDOT Bureau of Local Roads (BLRS) Manual and consistent with the approach for ensuring compliance with the Maximum Allowable Concentration (MAC) values of chemical constituents in uncontaminated soil used as fill material at regulated fill operations (35 IAC 1100.605 Subpart F and Title 35 IAC Part 742, TACO).

C. PSI Report Preparation

Propose a report summarizing the results of the soil sample collection activities and analytical results. This document is intended to present information pertinent for the bidding documents regarding conditions of soils tested, handling and final disposition considerations.

D. CCDD (LPC-Form) Documentation and CCDD Facility Coordination

The soil sample results will be compared to the Maximum Allowable Concentrations (MACs) associated with CCDD facility acceptance, including the soil pH range of 6.25 to 9.0. If results achieve the MAC values, GZA will prepare the LPC-663 document that will be signed/stamped by the GZA. Any locations that do not achieve the MACs (including soil pH range) will be identified as exclusion zones, not acceptable for CCDD facility disposal.



2. LEVEL OF EFFORT AND SCHEDULE

PESA work will commence within two (2) business days of project approval, with a target completion date of six (6) weeks from the date of approval.

**Village of Oak Park
Capital Improvement Fund Project Sheet
2022 - 2026**

Austin Blvd. Resurfacing

Priority Code: A

Category: Infrastructure Improvements



Description:

This project includes the 2019/2020 resurfacing of Austin Boulevard from Lake Street to North Avenue including the Village's water main project from Lake to Chicago along with the 2024 resurfacing of Austin Blvd. from Roosevelt to Lake including sewer replacement south of I-290. Austin Blvd is jointly owned by the City of Chicago and The Village of Oak Park with the Village owning the west half. The City resurfaced Austin from Lake to North Ave in 2019 and 2020 with the Village paying for its share. In 2020 the Village completed a water main project from Lake to Chicago Ave which was delayed due to COVID to minimize impacts to the hospital. The Village received federal funds to resurface the Village's half of Austin from Roosevelt to Lake in 2024. There is needed sewer replacement from Roosevelt to I-290 to be completed in 2024 in coordination with the future resurfacing project.

Justification:

Austin Boulevard was last resurfaced in 1999 and is in need of resurfacing in 2020. The combined sewer mains have been televised and based on their condition several sections of sewers not replaced as part of the 1999 project will need to be replaced in conjunction with the resurfacing project, primarily south of I-290. The water main between Lake Street and Chicago Avenue has had multiple breaks and inoperable valves and is in need of replacement. The City of Chicago received federal and state funds to resurface the section from Lake Street to North Avenue in 2019 and 2020 and the Village entered into an IGA for paying for the Village's half of the resurfacing project.

Current Status:

The Village received Federal STP funds for the resurfacing of Austin from Roosevelt to Lake St for 2024 (\$984,000 for construction and \$98,400 for construction engineering). The Village completed the water main project from Lake to Chicago in 2020 and resurfaced the west half from Lake to Chicago as part of the 2020 street resurfacing project. CDOT completed resurfacing of Austin from Chicago to North Ave in 2019 and completed resurfacing the east half of Austin from Lake to Chicago in the summer of 2020. Design work for the 2024 Austin project will start in 2022 along with environmental investigations.

Funding Sources	Account Number	Year End									
		Actuals		Budget	Amended Budget	Estimate	Recommended Budget				
		FY 2019	FY 2020	FY 2021	FY2021	FY 2021	FY2022	FY 2023	FY 2024	FY 2025	FY 2026
Motor Fuel Taxes	2038.41300.101.435480	-	-	-	-	-	-	-	136,000	-	-
FHWA Grant Revenue	3095.43780.101.431400	-	-	-	-	-	-	-	98,400	-	-
Main Capital Fund Revenues	Various	-	263,263	-	504,251	401,089	125,000	75,000	231,600	-	-
5040 Fund Revenues	5040.43730.101.444401	62,536	1,332,036	-	-	-	-	-	1,500,000	-	-
Total:		62,536	1,595,299	-	504,251	401,089	125,000	75,000	1,966,000	-	-
Expenditures											
Surveying	3095.43780.101.570706	-	-	-	-	-	-	-	-	-	-
Environmental	3095.43780.101.530667	-	-	-	-	-	25,000	-	-	-	-
Design	3095.43780.101.570706	-	-	-	-	-	100,000	75,000	-	-	-
Construction Management	3095.43780.101.570951	-	-	-	-	-	-	-	150,000	-	-
Construction (Lake to North)	3095.43780.101.570951	-	263,263	-	504,251	401,089	-	-	-	-	-
Construction (Lake to Roosevelt)	3095.43780.101.570951	-	-	-	-	-	-	-	316,000	-	-
Construction (water)	5040.43730.777.570707	50,495	818,286	-	-	-	-	-	-	-	-
Construction (sewer)	5040.43750.781.570707	12,041	513,750	-	-	-	-	-	1,500,000	-	-
Total:		62,536	1,595,299	-	504,251	401,089	125,000	75,000	1,966,000	-	-



Local Public Agency	County	Section Number
Oak Park	Cook	TBD
Consultant (Firm) Name	Prepared By	Date
Huff & Huff, Inc. / GZA, Inc.	JJR	3/4/2022

PAYROLL ESCALATION TABLE

CONTRACT TERM	12	MONTHS	OVERHEAD RATE	182.42%
START DATE	4/1/2022		COMPLEXITY FACTOR	0
RAISE DATE	3/1/2023		% OF RAISE	2.00%
END DATE	3/31/2023			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	4/1/2022	3/1/2023	11	91.67%
1	3/2/2023	4/1/2023	1	8.50%

The total escalation = 0.17%

Local Public Agency	County	Section Number
Oak Park	Cook	TBD

MAXIMUM PAYROLL RATE	78.00
ESCALATION FACTOR	0.17%

PAYROLL RATES

Exhibit E Cost Estimate of Consultant Services Worksheet Fixed Raise

CLASSIFICATION	IDOT PAYROLL RATES ON FILE	CALCULATED RATE
Associate Principal II	\$69.75	\$69.87
Associate Principal I	\$66.04	\$66.15
Senior Consultant	\$74.06	\$74.18
Senior Project Manager III	\$63.64	\$63.75
Senior Project Manager II	\$53.81	\$53.90
Senior Project Manager I	\$48.20	\$48.28
Senior Landscape Architect	\$57.23	\$57.33
Senior Planning PM	\$53.97	\$54.06
Senior Geologist PM	\$57.26	\$57.36
Senior Technical Specialist I	\$50.79	\$50.87
Senior Scientist PM II	\$53.71	\$53.80
Senior Technical Scientist	\$51.13	\$51.22
Scientist PM II	\$48.38	\$48.46
Scientist PM I	\$42.00	\$42.07
Assistant PM Scientist	\$35.63	\$35.69
Environmental Engineer PM I	\$44.35	\$44.42
Geotechnical Engineer PM I	\$43.14	\$43.21
Architect PM	\$48.56	\$48.64
Assistant PM Engineer I	\$42.02	\$42.09
Engineer I	\$31.55	\$31.60
Scientist E1	\$31.82	\$31.87
Technical Graphics Technician	\$25.15	\$25.19
Administrative Managers	\$46.64	\$46.72
Senior Administrative Assistant	\$32.81	\$32.86
Lead Word Processor	\$40.46	\$40.53

Local Public Agency

Oak Park

County

Cook

Section Number

TBD

COST ESTIMATE WORKSHEET

Exhibit E Cost Estimate of Consultant Services Worksheet Fixed Raise

OVERHEAD RATE 182.42%

COMPLEXITY FACTOR 0

TASK	STAFF HOURS	PAYROLL	OVERHEAD & FRINGE BENEFITS	DIRECT COSTS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
Task 1: PESA	44	1,435	2,617	518	473	0	5,043	73.36%
Task 2: Project Management	2	99	181	0	33	0	313	4.55%
Task 3: QAQC	5	312	569	0	103	0	984	14.31%
Task 4: Draft PSI/CCDD Scope (Optional)	3	169	309	0	56	0	534	7.77%
Subconsultant DL					0		-	
TOTALS	54	2,015	3,676	518	665	-	6,874	100.00%

5,691

Local Public Agency

County

Section Number

Oak Park

Cook

TBD

AVERAGE HOURLY PROJECT RATES

Exhibit E Cost Estimate of Consultants Services Worksheet Fixed Raise

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Task 1: PESA			Task 2: Project Management			Task 3: QAQC			Task 4: Draft PSI/CCDD Scope (Optional)			Hours	% Part.	Wgtd Avg
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
Associate Principal II	69.87	3.0	5.56%	3.88							2	40.00%	27.95	1	33.33%	23.29			
Associate Principal I	66.15	0.0																	
Senior Consultant	74.18	0.0																	
Senior Project Manager III	63.75	0.0																	
Senior Project Manager II	53.90	0.0																	
Senior Project Manager I	48.28	0.0																	
Senior Landscape Architect	57.33	0.0																	
Senior Planning PM	54.06	0.0																	
Senior Geologist PM	57.36	5.0	9.26%	5.31				1	50.00%	28.68	3	60.00%	34.41	1	33.33%	19.12			
Senior Technical Specialist I	50.87	0.0																	
Senior Scientist PM II	53.80	0.0																	
Senior Technical Scientist	51.22	0.0																	
Scientist PM II	48.46	0.0																	
Scientist PM I	42.07	9.0	16.67%	7.01	7	15.91%	6.69	1	50.00%	21.04				1	33.33%	14.02			
Assistant PM Scientist	35.69	0.0																	
Environmental Engineer PM I	44.42	0.0																	
Geotechnical Engineer PM I	43.21	0.0																	
Architect PM	48.64	0.0																	
Assistant PM Engineer I	42.09	0.0																	
Engineer I	31.60	0.0																	
Scientist E1	31.87	30.0	55.56%	17.71	30	68.18%	21.73												
Technical Graphics Technician	25.19	6.0	11.11%	2.80	6	13.64%	3.44												
Administrative Managers	46.72	0.0																	
Senior Administrative Assistant	32.86	1.0	1.85%	0.61	1	2.27%	0.75												
Lead Word Processor	40.53	0.0																	
		0.0																	
		0.0																	
TOTALS		54.0	100%	\$37.32	44.0	100.00%	\$32.61	2.0	100%	\$49.71	5.0	100%	\$62.36	3.0	100%	\$56.43	0.0	0%	\$0.00

HUFF & HUFF, INC.
SUMMARY OF DIRECT COSTS

Project: TS-Oak Park Austin Blvd

					<u>DIRECT</u>
Task 1 - PESA					
Trips	30 miles	x	1 x	\$ 0.585 =	\$ 17.55
Maps/Aerials	1 ea	x	1 x	\$ 150.00 =	\$ 150.00
<u>Database Packag</u>	<u>1 ea</u>	<u>x</u>	<u>1 x</u>	<u>\$ 350.00 =</u>	<u>\$ 350.00</u>
Task Total					\$ 517.55
 Task 2 - Project Management					
<hr/>					
			0 x	\$ - =	\$ -
Task Total					\$ -
 Task 3 - QAQC					
<hr/>					
			0 x	\$ - =	\$ -
Task Total					\$ -
 Task 4 - (Optional) Develop PSI/CCDD Scope					
<hr/>					
			0 x	\$ - =	\$ -
Task Total					\$ -
 <hr/>					
GRAND TOTAL					\$ 517.55

HUFF & HUFF, INC.
SUMMARY OF SERVICES BY OTHERS
 Project: TS-Oak Park Austin Blvd

OUTSIDE

Task 1 - PESA

	0 x	\$	-	=	\$	-
		Task Total			\$ -	

Task 2 - Project Management

	0 x	\$	-	=	\$	-
		Task Total			\$ -	

Task 3 - QAQC

	0 x	\$	-	=	\$	-
		Task Total			\$ -	

Task 4 - (Optional) Develop PSI/CCDD Scope

	0 x	\$	-	=	\$	-
		Task Total			\$ -	

	GRAND TOTAL	\$	-
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