Eisenhower Expressway (I-290)
Study Session #10

Letter of Intent Discussion

July 11, 2016

Oak Park

Village of Oak Park ~"Eye on the Ike"

INTERSTATE 290

Eisenhower Expressway (I-290) Letter of Intent Discussion

- What is a Letter of Intent (LOI)
- How the LOI incorporates previous Board discussions
- Review draft LOI charts presented on May 23, 2016
- Review Updates since May 23, 2016 meeting
- Remaining outstanding items
- Future Board meetings on LOI

Eisenhower Expressway (I-290) Letter of Intent Discussion

Letter of Intent (LOI)

- Concurrence with proposed project scope
- Local cost participation responsibilities
- Maintenance/ jurisdictional responsibilities
- Outline items for future consideration

LOI Summarizes previous Board discussions by:

- Incorporating items into project scope and plans
  (Roadway geometry, interchange design, drainage improvements, etc.)
- Including narratives and summary charts
  (Noise walls, construction monitoring, sustainability, expanded decking, bridge widths, bike & pedestrian accommodations, etc.)
- Tables for cost sharing and maintenance responsibility
  (Lighting, traffic signals, utilities, aesthetic treatments, etc.)

I-290 Letter of Intent Charts

Draft Charts Describing LOI items

- Bridge and Sidewalk widths
- Street Lighting
- Roadway Jurisdictions
- Bike and Pedestrian accommodations
- Aesthetic Elements
- Utility Improvements
- Traffic Signals

LOI – Bridge and Sidewalk Widths

Oak Park Eisenhower Crossing Matrix							
	Harlem Avenue	**Home Avenue (Ped)**	**Oak Park Avenue**	**East Avenue**	**Ridgeland Avenue**	**Lombard Avenue**	**Austin Blvd.**
Uses	Pedestrian Bicycle Vehicle Pace Bus (307) CTA Rail (west side access)	Pedestrian Bicycle	Pedestrian Bicycle Vehicle Pace Bus (311) CTA Rail (east side access)	Pedestrian Bicycle Vehicle CTA Rail (west side access)	Pedestrian Bicycle Vehicle Pace Bus (315)	Pedestrian Bicycle Vehicle CTA Rail (east side access)	Pedestrian Bicycle Vehicle Pace Bus (315) CTA Rail (west side access) CTA Bus (91)
Sidewalk Width (Current)	5'4" average	9'6" average	7' average	5'4" average	5'9" average	5'6" average	5'4" average
Sidewalk Width (Recommended)	16' minimum desired	20' desired	16' minimum	16' minimum (west side) 12' minimum (east side)	12' minimum	16' minimum (east side) 12' minimum (west side)	16' minimum
Notes	Due to existing adjacent land uses north & south of the bridge deck, 10' to 12' sidewalk widths may be maximum possible.	Entrances require 14' minimum for equipment access.					Due to existing adjacent land uses north & south of the bridge deck, 7' to 12' sidewalk widths may be maximum possible.
Roadway Width (Current)	75'	n/a	46'	44'	44'	30'	71'
Roadway Width (Recommended)	IDOT TBD		48'	44'	44'	34'	IDOT TBD
Notes	No drop off/pick up lanes in cooperation with CTA for bus routes Access to Multi use path on the north side.		Shared Bike lanes		Shared Bike lanes		No drop off/pick up lanes in cooperation with CTA for bus routes
Landscaping	Village will select planters (non-permanent)	Village will select planters (non-permanent)	Village will select planters (non-permanent)	Village will select planters (non-permanent)	Village will select planters (non-permanent)	Village will select planters (non-permanent)	Village will select planters (non-permanent)

LOI – Street Lighting

Oak Park Eisenhower Lighting Matrix									
Bridges	**Harlem Avenue**	**Home Avenue (Ped)**	**Oak Park Avenue**	**East Avenue**	**Ridgeland Avenue**	**Lombard Avenue**	**Austin Blvd.**	**VOP Cost**	**IDOT Cost**
Interchange Lighting	State	n/a	n/a	n/a	n/a	n/a	State	$0	TBD
Village Owned Lighting (On IDOT bridge by permit)	No local lighting on bridge	**Village 100%** (Requested replacement at State cost)	**Village 100%** (Requested replacement at State cost)	**Village 100%** (Requested replacement at State cost)	**Village 100%** (Requested replacement at State cost)	**Village 100%** (Requested replacement at State cost)	**Village 100%** (Requested replacement at State cost)	$264,454	$0
In conflict with proposed bridge reconstruction Includes 15% engineering fee		7 Poles $27,249	4 poles $33,206	5 poles $41,544	7 poles $57,408	6 poles $49,709	6 poles $55,338		

Frontage Roads	**Harlem Avenue**	**Home Avenue (Ped)**	**Oak Park Avenue**	**East Avenue**	**Ridgeland Avenue**	**Lombard Avenue**	**Austin Blvd.**	**VOP Cost**	**IDOT Cost**
	Note: reconstruction of frontage road streets will be dependent upon bridge work, retaining wall work, bike path const., utility work and noise wall installation.								
Harrison St.	**100% State** 29 Poles							$0	$274,235 (includes 15% engineering fee)
Flournoy St.						**100% State** 5 Poles		$0	$47,254 (includes 15% engineering fee)
Garfield St.		**100% State** 8 poles impacted by Noise Wall construction/moment slab Home Avenue to Oak Park Avenue						$0	$58,236 (includes 15% engineering fee)
							TOTALS	**$264,454**	**$379,725**

Other Responsibilities:

1) All costs and long-term maintenance associated with roadway lighting within the corporate limits of the Village are the 100% Villages responsibility.
2) If the Village chooses to upgrade the existing lighting system, incremental costs for the upgraded lighting will be Village responsibility.
3) Assumes existing lighting cannot be reused
4) The estimated cost for the new lighting ($264,454) includes lighting removal and return of Village owned poles ($6,300)
5) The Village agrees to accept long-term responsibility for the administration, control and maintenance of the roadway lighting.
6) Regardless of lighting upgrades, the existing sub-standard lighting will need to be removed with the cost of removal 100% Village cost, including 15% Engineering fee.

TOTAL VILLAGE COSTS:	**$264,454**
TOTAL IDOT/FHWA COSTS:	**$379,725**
TOTAL COST:	**$644,179**

LOI – Bridge/Road Maintenance & Jurisdiction

Oak Park Eisenhower Maintenance and Jurisdiction Matrix

	Bridges	Harlem Avenue	Home Avenue (Ped)	Oak Park Avenue	East Avenue	Ridgeland Avenue	Lombard Avenue	Austin Blvd.
Maintenance	Wearing Surface (minor repairs/potholes)	State	Village	Village	Village	State	Village	Village (west half only)
	Sidewalks, railing and fencing	State	Village	Village	Village	Village	Village	Village
	Lighting	State	Village	Village	Village	Village	Village	Village (west half only)
	Bridge Deck maintenance*	State	Village (depending on landscaping elements incorporated on deck VOP may have to take on larger maintenance requirements)	Village (Requested IDOT to Maintain)	Village (Requested IDOT to Maintain)	State *Note: Ridgeland is under State Jurisdiction with maintenance performed by the Village through a maintenance agreement*	Village (Requested IDOT to Maintain)	Village (Requested IDOT to Maintain)
	Superstructure	State	State	State	State	State	State	State

	Frontage Roads	Harlem Avenue	Home Avenue (Ped)	Oak Park Avenue	East Avenue	Ridgeland Avenue	Lombard Avenue	Austin Blvd.
		Note: reconstruction of frontage road streets will be dependent upon bridge work, retaining wall work, bike path const., utility work and noise wall installation.						
Reconstruction	Harrison St.	State will be responsible for 100% of costs of reconstruction where impacted by the construction of I-290, including local legs of intersecting streets.						
	Flournoy St.						State will be responsible for 100% of costs of reconstruction where impacted by the construction of I-290, including local legs of intersecting streets.	
	Garfield St.	State will be responsible for 100% of costs of reconstruction where impacted by the construction of I-290, including local legs of intersecting streets. *Note: the Village cannot allow moment slab construction if there are Village utilities under the roadways where moment slabs are proposed.*						
								Reconfiguration for Right-in/Right out at Austin Blvd. **100% State cost**

** Oak Park requesting bridge maintenance responsibility to be limited to wearing surface only due to opposed post-tensioned slab construction.*

LOI – Bike and Pedestrian Accommodations

Oak Park Eisenhower Bicyclist and Pedestrian Accommodations Matrix			
	IDOT Cost (80%)	**VOP Cost (20%)** plus 15% engineering fee	**Notes**
Shared Use Path 12' Wide Asphalt 1.49 Miles (Harlem Ave to Austin Blvd) *PARTICIPATE NOW*	$210,600	$48,438	VOP Long Term Maintenance Responsibility

TOTAL VILLAGE COSTS:	$48,438
TOTAL IDOT/FHWA COSTS:	$210,600
TOTAL COST:	$259,038

LOI – Aesthetic Elements

Oak Park Eisenhower Hardscape, Landscape & Aesthetics Matrix								
	Frontage Roads	**Harlem Avenue**	**Home Avenue (Ped)**	**Oak Park Avenue**	**East Avenue**	**Ridgeland Avenue**	**Lombard Avenue**	**Austin Blvd.**
Cost Range Overall		**Over $3MM**	**$1MM-3MM**	**Over $3MM**	**Under $1MM**	**$1MM-3MM**	**Under $1MM**	**Over $3MM**
Hardscape VOP Pay upgrades and Maintain		Roadway (Concrete + Painted Surface for Bikeway); Sidewalk (Concrete or Decorative Paving or Stone), painted crosswalks at entry points	Pedway (Concrete center with brick or stone walkways on perimeter)	Roadway (Concrete + Painted Surface for Bikeway); Sidewalk (Concrete or Decorative Paving or Stone), painted crosswalks at entry points	Roadway (Asphalt or Concrete + Painted Surface for Bikeway) Sidewalk (Concrete) with decorative painted crosswalks at entry points	Roadway (Asphalt or Concrete + Painted Surface for Bikeway); Sidewalk (Concrete or Decorative Paving or Stone), painted crosswalks at entry points	Roadway (Asphalt or Concrete + Painted Surface for Bikeway) Sidewalk (Concrete) with decorative painted crosswalks at entry points	Roadway (Concrete + Painted Surface for Bikeway); Sidewalk (Concrete or Decorative Paving or Stone), painted crosswalks at entry points
General Aesthetics VOP Pay and Maintain		Light Poles with decorative lamps same as Street), Fence (railings)/Wall (decorative with or without decorative Lighting) Decorative Arching feature	Decorative fencing with possible decorative arching feature.	Light Poles with decorative lamps same as Street), Fence(railings)/Wall (decorative with or without decorative Lighting) Decorative Arching feature	Decorative fencing to match other bridge fencing.	Decorative fencing with possible decorative arching feature	Decorative fencing to match other bridge fencing.	Light Poles with decorative lamps same as Street), Fence(railings)/Wall (decorative with or without decorative Lighting) Decorative Arching feature
Landscape VOP Pay and Maintain		Irrigation and Plantings for Perimeter Areas; Low/Mid grasses, shrubs, perennials. Buffer Areas; low perennials/ ground cover	Limited landscape within pots or small in-ground planters. Bulk of Landscaping / open space at entry points - including street furniture.	Irrigation and Plantings for Perimeter Areas; Low/Mid grasses, shrubs, perennials. Buffer Areas; low perennials/ ground cover	Limited landscape within pots or small in-ground planters. Bulk of Landscaping / open space at entry points.	Limited landscape within pots or small in-ground planters. Bulk of Landscaping / open space at entry points.	Limited landscape within pots or small in-ground planters. Bulk of Landscaping / open space at entry points.	Irrigation and Plantings for Perimeter Areas; Low/Mid grasses, shrubs, perennials. Buffer Areas; low perennials/ ground cover
Landscape Opportunities	Flournoy Ave. (Outside)	Harlem Ave. Interchange (North)	Home Ave. (North & South)	Oak Park Ave.	East Ave. (North)	Ridgeland Ave. (North)	Lombard Ave	Austin Blvd.
Cost Range IDOT/VOP		**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**

Hardscape Elements					
Feature	**Incremental Cost**	**Village Cost Participation**	**Feature**	**Incremental Cost**	**Village Cost Participation**
Painted Poles	*TBD*	*TBD*	Decorative Fence	*TBD*	*TBD*
Fluted Poles	*TBD*	*TBD*	Brick Pavers	*TBD*	*TBD*
Gateway	*TBD*	*TBD*	Planters	*TBD*	*TBD*
Railings	*TBD*	*TBD*	Pedestrian Plaza	*TBD*	*TBD*
Decorative Fence	*TBD*	*TBD*	Bridge Deck adj. to Ramps	*TBD*	*TBD*
			Noise Wall Form Liner pattern	*TBD*	*TBD*

LOI – Utility Improvements

North - South Utility Crossings							
Feature	Harlem Avenue	Maple Avenue	Oak Park Avenue	East Avenue	Ridgeland Avenue	Lombard Avenue	Austin Blvd
Utility 1	N/A	12" Watermain Crossing	12' x 6' Combined Sewer Crossing	12" Watermain Crossing	Combined Sewer	12" Watermain Crossing	12" Watermain Crossing
Cost Responsibility		State 100%	VOP*	State 100%	State 100%	State 100%	State 100%
Improvement		Replace in Kind	New	Replace in Kind	Replace in Kind	Replace in Kind	Replace in Kind
Total Cost	TBD	$947,000		$884,000	$2,703,000	$727,000	$697,000
Utility 2				Sanitary Sewer	12" Watermain Crossing	18" Watermain Crossing	
Cost Responsibility				State 100% replacement in kind VOP **incremental	State 100%	State 100%	
Improvement				Upsize	Replace in Kind	Replace in Kind	
Total Cost				$3,458,000	$493,000	$758,000	
State Cost		$947,000		$4,342,000	$3,196,000	$1,485,000	$697,000
VOP Cost	$0	$0	$0	TBD	$0	$0	$0

*VOP to provide request letter for compensatory crossing
**VOP to verify size increase at this location. Incremental cost increase to be paid for by VOF

East - West Utilities (beneath frontage roads)							
Street Name	Harrison Street	Flournoy Street	Garfield Street				
Limits	N/A	N/A	Home Avenue to Oak Park Avenue				
Reason			Noise Wall moment slab				
Cost Responsibility			State 100%				
Improvement			Relocate/replace if conflict				
Total Cost			TBD				
State Cost			TBD				
VOP Cost			$0				

***Discuss adjacent construction impacts to frontage road utilities

TOTAL VILLAGE COSTS:	TBD
TOTAL IDOT/FHWA COSTS:	$10,667,000
TOTAL COST:	$10,667,000

LOI – Traffic Signals

Oak Park Eisenhower Traffic Signal Matrix						
Bridges	**Harlem Avenue**	**Oak Park Avenue**	**East Avenue**	**Ridgeland Avenue**	**Lombard Avenue**	**Austin Blvd**
I-290 Ramps	**State** Traffic Signal Modernization TOTAL: $631,000 FHWA: $504,800 (80%) IDOT: $126,200 (20%) **Village** Emergency Vehicle Preemption (EVP) Device TOTAL: $6,000 Engineering Fee (15%) TOTAL: $900	n/a	n/a	n/a	n/a	**State** Traffic Signal Modernization TOTAL: $631,000 FHWA: $504,800 (80%) IDOT: $126,200 (20%) **State** Traffic Signal Interconnection TOTAL: $100,000 FHWA: $80,000 (80%) IDOT: $20,000 (20%)
Frontage Roads	**Harlem Avenue**	**Oak Park Avenue**	**East Avenue**	**Ridgeland Avenue**	**Lombard Avenue**	**Austin Blvd.**
	Note: reconstruction of frontage road streets will be dependent upon bridge work, retaining wall work, bike path const., utility work and noise wall installation.					
Garfield St	**State** Traffic Signal Modernization TOTAL: $350,000 FHWA: $280,000 (80%) IDOT: $35,000 (10%) **Village** Traffic Signal Modernization TOTAL: $17,500 (5%) Engineering Fee (15%) TOTAL: $2,625 **Other** Traffic Signal Modernization TOTAL: $17,500 (5%) EVP Device TOTAL: $6,000	**State** Traffic Signal Modernization TOTAL: $350,000 FHWA: $280,000 (80%) **Village** Traffic Signal Modernization TOTAL: $70,000 (20%) Engineering Fee (15%) TOTAL: $10,500 Emergency Vehicle Preemption (EVP) Device TOTAL: $6,000 Engineering Fee (15%) TOTAL: $900	n/a	**State** Traffic Signal Modernization TOTAL: $350,000 FHWA: $280,000 (80%) IDOT: $35,000 (10%) Traffic Signal Interconnection TOTAL: $100,000 FHWA: $80,000 (80%) IDOT: $20,000 (20%) **Village** Traffic Signal Modernization TOTAL: $35,000 (10%) Engineering Fee (15%) TOTAL: $5,250 EVP Device TOTAL: $6,000 Engineering Fee (15%) TOTAL: $900	n/a	n/a

LOI – Traffic Signals (cont.)

Oak Park Eisenhower Traffic Signal Matrix						
Frontage Roads	**Harlem Avenue**	**Oak Park Avenue**	**East Avenue**	**Ridgeland Avenue**	**Lombard Avenue**	**Austin Blvd.**
	Note: reconstruction of frontage road streets will be dependent upon bridge work, retaining wall work, bike path const., utility work and noise wall installation.					
Jackson Blvd	**State** Traffic Signal Modernization TOTAL: $350,000 FHWA: $280,000 (80%) IDOT: $35,000 (10%) **Village** Traffic Signal Modernization TOTAL: $17,500 (5%) Engineering Fee (15%) TOTAL: $2,625 **Other** Traffic Signal Modernization TOTAL: $17,500 (5%) EVP Device TOTAL: $6,000	n/a	n/a	n/a	n/a	n/a
Harrison St	n/a	**State** Traffic Signal Modernization TOTAL: $350,000 FHWA: $280,000 (80%) Traffic Signal Interconnection TOTAL: $100,000 FHWA: $80,000 (80%) **Village** Traffic Signal Modernization TOTAL: $70,000 (20%) Engineering Fee (15%) TOTAL: $10,500 Traffic Signal Interconnection TOTAL: $20,000 (20%) Engineering Fee (15%) TOTAL: $3,000 EVP Device TOTAL: $6,000 Engineering Fee (15%) TOTAL: $900	n/a	**State** Traffic Signal Modernization TOTAL: $350,000 FHWA: $280,000 (80%) IDOT: $35,000 (10%) Traffic Signal Interconnection TOTAL: $100,000 FHWA: $80,000 (80%) IDOT: $20,000 (20%) **Village** Traffic Signal Modernization TOTAL: $35,000 (10%) Engineering Fee (15%) TOTAL: $5,200 EVP Device TOTAL: $6,000 Engineering Fee (15%) TOTAL: $900	n/a	**State** Traffic Signal Modernization TOTAL: $350,000 FHWA: $280,000 (80%) **Village** Traffic Signal Modernization TOTAL: $70,000 (20%) Engineering Fee (15%) TOTAL: $10,500
					TOTAL VILLAGE COSTS:	**$419,750**
					TOTAL IDOT/FHWA COSTS:	**$3,789,000**
					TOTAL COST:	**$4,208,750**

LOI Cost Participation Summary

LOI includes cost summary for shared or local items:

- Cost estimates for certain items
- % participation responsibility for most shared items
- Local costs for other items
- Some items still TBD

Item	Village Cost	IDOT Cost
Lighting	$264,454	$379,725
Bicycle and Pedestrian	$48,438	$210,600
Hardscape	TBD	TBD
Landscape	TBD	TBD
Aesthetics	TBD	TBD
Utilities	TBD	$10,667,000
Traffic Signals	$419,750	$3,789,000
TOTALS	$732,642	$15,046,325

TOTAL VILLAGE COST:	$732,642
TOTAL IDOT/FHWA COST:	$15,046,325
TOTAL COST:	$15,778,967

LOI – Updates and Remaining items

Updates from May 23, 2016 Study Session

- Established language for noise walls
- Additional opportunities for expanding decking

Remaining Items

- Final cost estimating
- Costs for expanded decking foundations
- Oak Park Ave Sewer upsizing
- Bridge maintenance responsibility

Eisenhower Expressway (I-290) Letter of Intent Future Discussions

Present LOI at VOP Regular Board Meeting

Likely July 18, 2016

Final LOI for consideration and approval at VOP Regular Board Meeting

Likely August 1, 2016