

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. # 0013214

OFFICE Design Policy & Support

Fulton County
GDOT District 7 - Metro Atlanta
Signal Upgrades @ 9 Locations in
Midtown Atlanta

DATE 11/17/2016

FROM  Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED CONCEPT REPORT

Attached is the approved Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Monica Flournoy, State Materials and Testing Administrator
Patrick Allen, State Utilities Engineer
Richard Cobb, Statewide Location Bureau Chief
Kathy Zahul, District Engineer
Scott Lee, District Preconstruction Engineer
Nicholas Fields, District Utilities Engineer
Lindsay Atnip, Project Manager
BOARD MEMBER - 5th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
LIMITED SCOPE PROJECT CONCEPT REPORT**

Project Type:	<u>Reconstruction/ Rehabilitation</u>	P.I. Number:	<u>0013214</u>
GDOT District:	<u>District 7</u>	County:	<u>Fulton</u>
Federal Route Number:	<u>N/A</u>	State Route Number:	<u>8,10, 42 CO</u>
Project Number: _____			

I-75 @ 2 LOC; SR 8 @ 4 LOC; SR 10 @ 2 LOC & SR 42 CO @1 LOC

Submitted for approval:

Ashlyn Morgan 10/19/16
 Ashlyn Morgan, PE, PTOE, Atkins Date

EWP Albert Shelby 10/28/16
 State Program Delivery Engineer Date

aps Henderson 10/20/2016
 GDOT Project Manager Date

Recommendation for approval:

ERIC DUFF*/EKP 9/12/2016
 State Environmental Administrator Date

- Environmental Surveys for history and ecology are complete. (Surveys are complete means that the field survey has been performed and the survey report has been completed and reviewed by the Office of Environmental Services)

FOR CHRISTOPHER RAYMOND*/EKP 9/20/2016
 State Traffic Engineer Date

- MPO Area: This project is consistent with the MPO adopted Regional Transportation Plan (RTP)/Long Range Transportation Plan (LRTP).

- Rural Area: This project is consistent with the goals outlined in the Statewide Transportation Plan (SWTP) and/or is included in the State Transportation Improvement Program (STIP).

CINDY VAN DYKE*/EKP 9/13/2016
 State Transportation Planning Administrator Date

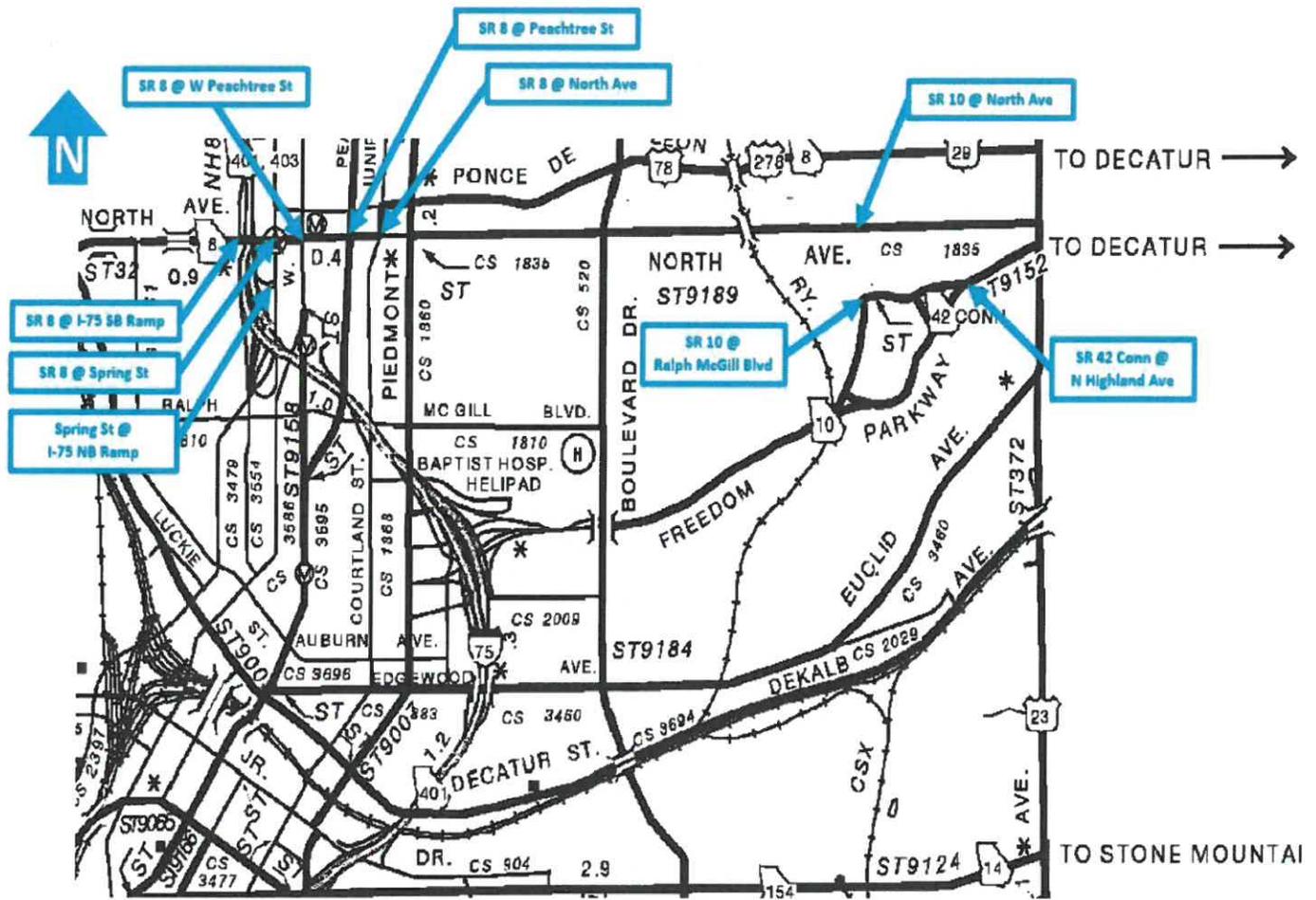
Approval:

Concur: Hal Bittel 11-16-16
 GDOT Director of Engineering Date

Approve: Margaret B. Pirelli 11/10/16
 GDOT Chief Engineer Date

** - RECOMMENDATION ON FILE*

PROJECT LOCATION MAP: Fulton County (Not to Scale)



PLANNING & BACKGROUND DATA

Project Justification Statement:

There are nine (9) signalized intersections in Fulton County in need of improvements to address compliance with current GDOT standards and the Manual on Uniform Traffic Control Devices (MUTCD) and the requirements of the Americans with Disabilities Act (ADA). The proposed project will enhance efficiency for vehicular and pedestrian movements at several locations by providing upgraded traffic signal equipment and pedestrian platforms, energy saving LED signal heads, wheelchair ramps, pedestrian signals, and crosswalk striping.

The intersections listed in Table 1 have been identified by the Office of Traffic Operations as high priority for minor intersection improvements. Table 1 also shows the reason the District has identified these intersections to be upgraded. The proposed project is to be included in the Region Wide Signal Upgrade Lump Sum Program.

Table 1: Intersection Upgrade Needs

County	City	Primary Route	Intersecting Road	Reason for Upgrade
Fulton	Atlanta	SR 8	I-75 SB Ramp	Obsolete Equipment/ADA
Fulton	Atlanta	SR 8	Spring Street	Obsolete Equipment/ADA
Fulton	Atlanta	SR 8	West Peachtree St	Obsolete Equipment/ADA
Fulton	Atlanta	SR 8	Peachtree St	Obsolete Equipment/ADA
Fulton	Atlanta	SR 8	North Avenue	Obsolete Equipment/ADA
Fulton	Atlanta	Spring Street	I-75 NB Ramp	Obsolete Equipment/ADA
Fulton	Atlanta	SR 10/Freedom Parkway	SR 8/North Avenue	Obsolete Equipment/ADA
Fulton	Atlanta	SR 10/Freedom Parkway	Ralph McGill Blvd	Obsolete Equipment/ADA
Fulton	Atlanta	SR 42 Connector	North Highland Ave	Obsolete Equipment/ADA

Existing conditions:

- SR 8 – at the intersection of I-75 SB ramp – is a five-lane roadway with 12-foot lanes, left turn lanes on both legs, and a painted median on the east leg.
- SR 8 – at the intersection of Spring street – is a six-lane roadway with 12-foot lanes, a right turn and left turn lane onto Spring street SB, and a painted median on EB leg of SR 8.
- SR 8 – at the intersection of West Peachtree St – is a six-lane roadway with with 10-foot lanes.
- SR 8 – at the intersection of Peachtree St – is a six-lane roadway with 9-foot lanes on the west leg of the intersection and a five-lane roadway with 9-foot lanes on the east leg of the intersection.
- SR 8 – at the intersection with North Ave - is a five-lane roadway with with 10-foot lanes on the west leg, and a six-lane roadway with a left turn lane onto North Avenue SB.
- Spring Street – at the intersection of I-75 NB ramp – is a four-lane roadway with 11-foot lanes and a right turn lane onto I-75 NB.
- SR 10/Freedom Parkway – at the intersection of North Avenue – is a five-lane divided roadway with 13-foot lanes, a concrete median, and a left turn lane onto North Ave on the south leg of the intersection. It is a four-lane divided roadway with 13-foot lanes and grass median on the north leg of the intersection.
- SR 10/Freedom Parkway – at the intersection of Ralph McGill – is a four-lane divided roadway with 13-foot lanes, concrete median, and a left turn lane onto Ralph McGill WB on the south leg of the intersection. It is a four-lane divided roadway with 13-foot lanes and grass median on the north leg of the intersection.
- SR 42 Connector – at the intersection of North Highland Ave – is a three-lane divided roadway with 15-foot lanes grass median and a left turn lane.

Other projects in the area:

- **0012819 – SR 42 @ 5 LOCS IN DEKALB & @ 7 LOCS IN FULTON** – The following intersections are in this project: 1.) SR 42 @ Cedar Grove Road 2.) SR 42 @ I-285 EB 3.) SR 42 @ I-285 WB 4.) SR 42 @ Henrico 5.) SR 42 @ South River 6.) SR 42 @ Constitution Road 7.) SR 42 @ McDonough 8.) SR 42 @ Custer 9.) SR 42 @ Eastland 10.) SR 42 @ Village Creek 11.) SR 42 @ E Confederate Avenue 12.) SR 42 @ Ormewood.
- **Regional Traffic Operations Program** – SR 10/Freedom Parkway is an RTOP corridor.
- **Midtown Traffic Operations Program** – SR 8 is an MTOP corridor.

MPO: Atlanta Regional Commission (ARC)

TIP #: N/A

Congressional District(s): 5

Federal Oversight: PoDI Exempt State Funded Other

Projected Traffic: ADT or AADT 24 HR T: N/A
Current Year (20WW): N/A_ Open Year (20XX): N/A_ Design Year (20YY): N/A
Traffic Projections Performed by: N/A
Date approved by the GDOT Office of Planning: N/A

Functional Classification (Mainline):

SR 8 – Urban Principal Arterial Street
No design changes will be made under this project.

SR 10 - Urban Principal Arterial Street
No design changes will be made under this project.

SR 42 CO - Urban Minor Arterial Street
No design changes will be made under this project.

Complete Streets - Bicycle, Pedestrian, and/or Transit Standards Warrants:

Warrants met: None Bicycle Pedestrian Transit

Pavement Evaluation and Recommendations

Initial Pavement Evaluation Summary Report Required? No Yes
Initial Pavement Type Selection Report Required? No Yes
Feasible Pavement Alternatives: HMA PCC HMA & PCC

DESIGN AND STRUCTURAL

Description of Proposed Project:

The project will upgrade equipment, accommodate pedestrians, and update pedestrian facilities to meet current ADA standards at the following intersections:

- SR 8 @ I-75 SB Ramp
- SR 8 @ Spring Street
- SR 8 @ West Peachtree St
- SR 8 @ Peachtree St
- SR 8 @ North Avenue
- Spring Street @ I-75 NB Ramp
- SR 10 @ North Avenue
- SR 10 @ Ralph McGill Blvd
- SR 42 CO @ North Highland Ave

The standard project limits will be 200 feet from the center point of the intersection; should setback loops need replacement, the project limits will be 500 feet from the center point of the intersection. If setback loops

are present, the survey should include the edge of pavement and property lines to the setback loop. Standard erosion control details should be used. Traffic studies are not needed for this project. The scope of this project will be limited to equipment upgrades, pedestrian accommodations, and updating pedestrian facilities to meet ADA standards.

Major Structures: N/A

Mainline Design Features: Roadway name/identification

SR 8 – Urban Principal Arterial Street

No design changes will be made under this project.

SR 10 - Urban Principal Arterial Street

No design changes will be made under this project.

SR 42 CO - Urban Minor Arterial Street

No design changes will be made under this project.

Major Interchanges/Intersections:

- SR 8 @ I-75 SB Ramp
- SR 8 @ Spring Street
- SR 8 @ West Peachtree St
- SR 8 @ Peachtree St
- SR 8 @ North Avenue
- Spring Street @ I-75 NB Ramp
- SR-10 @ North Avenue
- SR-10 @ Ralph McGill Blvd
- SR 42 CO @ North Highland Ave

Lighting required: No Yes

Off-site Detours Anticipated: No Undetermined Yes

Transportation Management Plan [TMP] Required: No Yes

If Yes: Project classified as: Non-Significant

TMP Components Anticipated: TTC

Design Exceptions to FHWA/AASHTO controlling criteria anticipated: None.

Design Variances to GDOT Standard Criteria anticipated: None.

UTILITY AND PROPERTY

Railroad Involvement: None.

Utility Involvements:

- Comcast
- AT&T Communication
- Georgia Power Company
- City of Atlanta Watershed Management
- Atlanta Gas Light

SUE Required: No Yes

Public Interest Determination Policy and Procedure recommended? No Yes

Right-of-Way: Existing width: _____ ft. Proposed width: _____ ft.
Required Right-of-Way anticipated: None Yes Undetermined
Easements anticipated: None Temporary Permanent Utility Other

Anticipated total number of impacted parcels: N/A
Displacements anticipated: Businesses: N/A
Residences: N/A
Other: N/A
Total Displacements: N/A

Impacts to USACE property anticipated? No Yes Undetermined

ROUNABOUTS

Roundabout Lighting Commitment Letter received: No Yes

Roundabout Planning Level Assessment: N/A

Roundabout Feasibility Study: N/A

Roundabout Peer Review Required: No Yes Completed – Date:

CONTEXT SENSITIVE SOLUTIONS

Issues of Concern: None.

Context Sensitive Solutions Proposed: None.

ENVIRONMENTAL AND PERMITS

Anticipated Environmental Document:

NEPA: PCE CE EA-FONSI

GEPA*: Type A Type B None

*A GEPA document must be prepared only for state funded projects where the project cost meets or exceeds \$100 million. Environmental surveys are required for all state funded projects regardless of project cost.

Level of Environmental Analysis: (check one)

The environmental considerations noted below are based on preliminary desktop or screening level environmental analysis and are subject to revision after the completion of resource identification, delineation, and agency concurrence.

The environmental considerations noted below are based on the completion of resource identification, delineation, and agency concurrence.

MS4 Compliance – Is the project located in an MS4 area? No Yes

Is Protected Species water quality mitigation anticipated? No Yes

Environmental Permits, Variances, Commitments, and Coordination anticipated: None anticipated.

Air Quality:

- Is the project located in a PM 2.5 Non-attainment area? No Yes
 Is the project located in an Ozone Non-attainment area? No Yes
 Carbon Monoxide hotspot analysis: Required Not Required TBD

NEPA/GEPA Comments & Information: The proposed improvements are not expected to have an effect on ecological resources, air or noise. The project area has a high probability for street car tracks as well as historic structures; however, the project is not expected to have an adverse effect on any eligible resources. No public involvement is anticipated.

COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS

Project Meetings: Project Kick-Off Meeting 06/09/2016. Meeting minutes attached.

Project Activity	Party Responsible for Performing Task(s)
Concept Development	Atkins
Design	Atkins
Right-of-Way Acquisition	GDOT
Utility Coordination (Preconstruction)	GDOT
Utility Relocation (Construction)	Utility Owners
Letting to Contract	GDOT
Construction Supervision	GDOT
Providing Material Pits	N/A
Providing Detours	N/A
Environmental Studies, Documents, & Permits	Atkins/GDOT
Environmental Mitigation	N/A
Construction Inspection & Materials Testing	GDOT

Other coordination to date: Kick-Off Meeting 06/09/2016

Project Cost Estimate and Funding Responsibilities:

	PE Activities		ROW	Reimbursable Utilities	CST*	Total Cost
	PE Funding	Section 404 Mitigation				
Funded By	GDOT	N/A	GDOT	GDOT	GDOT	
\$ Amount	\$385,000	\$0	\$297,000	\$150,0000	\$1,698,705.11	\$2,530,705.11
Date of Estimate	6/23/14			8/16/16	10/19/16	

*CST Cost includes: Construction, Engineering and Inspection, and Contingencies.

*ROW estimate is a placeholder for programming purposes; do not anticipate ROW.

ALTERNATIVES DISCUSSION

No-Build Alternative:			
Estimated Property Impacts:	N/A	Estimated Total Cost:	\$0
Estimated ROW Cost:	\$0	Estimated CST Time:	N/A
Rationale: Does not fulfill the objectives of the Project Justification statement.			

Additional Comments/ Information: TPro description currently states SR 10 @ 3 locations; however, due to work already being done at SR 10 @ Boulevard this intersection is being removed. Project description needs to be updated to I-75 @ 2 locations; SR 8 @ 4 locations; SR 10 @ 2 locations; & SR 42 Conn @ 1 location.

LIST OF ATTACHMENTS/SUPPORTING DATA

1. Revisions to Programmed Costs
2. Cost Estimate
3. Utility Cost Estimate
4. Kick-Off Meeting Minutes

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. **OFFICE**

PROJECT DESCRIPTION

DATE

From:

To: Lisa L. Myers, State Project Review Engineer
via Email Mailbox: CostEstimatesandUpdates@dot.ga.gov

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER

MGMT LET DATE

MGMT ROW DATE

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$

DATE

RIGHT OF WAY \$

DATE

UTILITIES \$

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$

RIGHT OF WAY \$

UTILITIES \$

*Cost Contains % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$	1,540,775.61	Base Estimate From CES
B. ENGINEERING AND INSPECTION (E & I):	\$	77,038.78	Base Estimate (A) x 5 %
C. CONTINGENCY:	\$	80,890.72	Base Estimate (A) + E & I (B) x 5 % See % Table in "Risk Based Cost Estimation" Memo
D. TOTAL LIQUID AC ADJUSTMENT:	\$		Total From Liquid AC Spreadsheet
E. CONSTRUCTION TOTAL:	\$	1,698,705.11	(A + B + C + D = E)

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
GA Power Company	\$ 150,000.00
TOTAL	\$ 150,000.00

ATTACHMENTS: (File Copy in the Project Cost Estimate Folder)

Detailed Cost Estimate Printout From TRAQS

JOB ESTIMATE REPORT

JOB NUMBER : 0013214
SPEC YEAR: 13
DESCRIPTION: I-75 @ 2 LOC; SR 8 @ 4 LOC; SR 10 @ 3 LOC &
SR 42 CONN @ 1 LOC

ITEMS FOR JOB 0013214

LINE	ITEM	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000	LS	TRAFFIC CONTROL - 0013214	1.000	145024.75	145024.75
0010	163-0232	AC	TEMPORARY GRASSING	1.000	451.96	451.96
0015	163-0240	TN	MULCH	14.000	193.80	2713.32
0020	210-0100	LS	GRADING COMPLETE - 0013214	1.000	3500.00	3500.00
0025	441-0108	SY	CONC SIDEWALK, 8 IN	1400.000	60.55	84770.87
0030	441-0748	SY	CONC MEDIAN, 6 IN	500.000	58.04	29021.12
0039	636-1041	SF	HWY SIGNS, TP 2MAT, REFL SH TP 9	250.000	34.40	8601.42
0044	636-1045	SF	HWY SGN, TP2, REFL SH TP 11	910.000	24.00	21840.00
0045	639-3014	EA	STEEL STR POLE, TP 4, LUMIN ARM W/ 45' MAST ARMS	32.000	13627.91	436093.41
0050	639-4004	EA	STRAIN POLE, TP IV	4.000	10050.96	40203.84
0055	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	1000.000	1.57	1572.63
0060	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 1	1.000	65000.00	65000.00
0065	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 2	1.000	65000.00	65000.00
0070	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 3	1.000	65000.00	65000.00
0075	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 4	1.000	65000.00	65000.00
0080	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 5	1.000	65000.00	65000.00
0085	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 6	1.000	65000.00	65000.00
0090	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 7	1.000	65000.00	65000.00
0095	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 8	1.000	65000.00	65000.00
0100	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 9	1.000	65000.00	65000.00
0110	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	28.000	83.80	2346.50
0115	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	100.000	1.11	111.63
0120	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	100.000	0.99	99.87
0125	653-1704	LF	THERM SOLID TRAF STRIPE, 24,WH	1416.000	6.94	9830.81
0130	653-1804	LF	THERM SOLID TRAF STRIPE, 8,WH	16800.000	2.24	37746.24
0135	653-6004	SY	THERM TRAF STRIPING, WHITE	1050.000	4.34	4561.04
0140	653-6006	SY	THERM TRAF STRIPING, YELLOW	1050.000	4.56	4791.05
0144	654-1001	EA	RAISED PVMT MARKERS TP 1	50.000	5.05	252.55
0145	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	1000.000	5.00	5000.00
0150	682-9950	LF	DIRECTIONAL BORE - 3 IN	1000.000	9.00	9000.00
0155	682-9950	LF	DIRECTIONAL BORE - 5 IN	500.000	15.00	7500.00
0160	700-6910	AC	PERMANENT GRASSING	1.000	1000.30	1000.31
0165	700-7000	TN	AGRICULTURAL LIME	7.000	119.73	838.17
0170	700-8000	TN	FERTILIZER MIXED GRADE	7.000	578.36	4048.55

CES 10.19.2016

ITEM	700-8100	LB	FERTILIZER NITROGEN CONTENT	350.000	3.26	1143.93
0175	700-8100	LB	FERTILIZER NITROGEN CONTENT	350.000	3.26	1143.93
0180	700-9300	SY	SOD	200.000	6.68	1336.52
0185	713-3011	SY	WOOD FIBER BLANKET, TP I, SHOULDERS	2170.000	0.01	40.56
0190	937-6000	EA	MICROWAVE RADAR DETECTION ASSEMBLY	12.000	7277.88	87334.56
0195	937-8020	LS	TESTING - MICROWAVE DETECTION SYSTEM	1.000	2500.00	2500.00
0200	937-8520	LS	TRAINING - MICROWAVE DETECTION SYSTEM	1.000	2500.00	2500.00
=====						
ITEM TOTAL						1540775.60
INFLATED ITEM TOTAL						1540775.61

TOTALS FOR JOB 0013214

ESTIMATED COST:	1540775.61
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	1540775.61

Meeting Notes - Draft

Project: 0013214, Task Order # 19, I-75 @ 2 LOC; SR 8 @ 4 LOC; SR 10 @ 3 LOC; and SR 42 Conn @ 1 LOC Fulton County.

Subject:	Field Review Kick Off Meeting		
Date and time:	9 June 2016 at 9:00 AM		
Meeting place:	GDOT lobby	Notes by:	Ashlyn Morgan, José Pagán
Present:	Kimberly Nestbitt Edlin Regis Kate D'Ambrosio Esteban Carillo Ashlyn Morgan Jose Pagan	Representing:	GDOT GDOT GDOT GDOT Atkins Atkins

NOTES (Action items listed in red.)

1. The following is the list of intersection review, in the order visited, and the remarks for each one:
 - a. I-75 SB @ SR 8
 - i. All but one pole to be replaced. It was indicated by Esteban that the pole at the NWC is new and does not need to be replaced.
 - ii. All pedestrian heads and push buttons to be replaced.
 - iii. New signal heads.
 - iv. New pole with tandem mast arm for the SEC.
 - v. Relocated existing overhead signs to new pole at SEC.
 - vi. All signal heads including end of arm, to be mounted with astro bracket.
 - vii. Include hatching marking (chicken tracks) to guide traffic from ramp into SR-8.
 - viii. Use up arrows for all signal heads on the right of the mast arms for EB and WB traffic.
 - ix. 3-section left arrow signal head on the right for SB traffic.
 - x. Possible 4-section head with arrow and ball on the left for SB
 - xi. Split phase signal heads for ramps.
 - xii. Intersection is part of MTOP corridor and traffic controller cabinet is new. No new cabinet needed.
 - xiii. Install 4G router.
 - xiv. Existing detection to remain.
 - xv. Existing CCTV to remain.
 - xvi. Upgrade street name signs.

- b. SR 8 @ Spring St.
 - i. Upgrade poles with mast arms.
 - ii. New signal heads
 - iii. Upgrade pedestrian heads and push buttons.
 - iv. Install new traffic controller cabinet.
 - v. Upgrade 5-section heads with 4-section FYA heads.
 - vi. All signal heads, including end of arm, to be mounted with astro bracket.
 - vii. Use up arrows for all signal heads on the right of the mast arms for EB and WB traffic.
 - viii. Dual right turn for EB to be FYA, 4-section FYA for inside lane and 3-section FYA for right most lane.
 - ix. Right turn FYA head for WB traffic.
 - x. Intersection is part of MTOP.
 - xi. Add a third signal head for the EB traffic.
 - xii. Upgrade street name signs

- c. I-75 NB @ Spring St.
 - i. Upgrade poles with mast arms.
 - ii. New signal heads
 - iii. Upgrade pedestrian heads.
 - iv. Retain traffic controller cabinet.
 - v. Retain push buttons.
 - vi. Retain radar detection.
 - vii. Up arrow in left signal head for Spring St. and right turn arrow to I-75 NB.
 - viii. Upgrade 5-section heads with 4-section FYA heads.
 - ix. Upgrade street name signs.
 - x. Intersection is part of MTOP.
 - xi. There was discussion about modifying or removing splitter-island but the determination was to remain as is.
 - xii. Add push button to median.
 - xiii. Will evaluate the standalone pole for power feeding the cabinet to determine if it can be removed or needs to remain.

- d. SR 8 @ W. Peachtree Street
 - i. Upgrade poles with mast arms.
 - ii. New signal heads.
 - iii. Upgrade pedestrian heads and push buttons.
 - iv. Upgrade 5-section heads with 4-section FYA heads.
 - v. Retain radar detection.
 - vi. Remove and reset street lights on new signal poles.
 - vii. Permissive only FYA head for NB left.
 - viii. Upgrade traffic controller cabinet.
 - ix. FYA head for NB right.
 - x. Upgrade street name signs.
 - xi. Retain CCTV.
 - xii. Include hatching marking (chicken tracks) to guide traffic to North Ave.
 - xiii. Up arrows for right side heads for EB and WB traffic.
 - xiv. Upgrade pavement markings.
 - xv. Intersection is part of MTOP.

- e. SR 8 @ Peachtree Street
- i. Existing ramps and crosswalks are in good conditions and no upgrade is needed.
 - ii. Upgrade poles with mast arms.
 - iii. Upgrade pedestrian heads and push buttons.
 - iv. Retain radar detection.
 - v. Retain CCTV.
 - vi. Retain Internally Illuminated Street Name Signs.
 - vii. Upgrade no left turn AM and PM peak, with a blank out signs (time of day activated) for EB and WB traffic.
 - viii. Move “do not block box” sign to arm.
 - ix. Coordination with District Utility Office should be done for the SWC pole that has a utility microcell and antenna attached.
 - x. Upgrade traffic controller cabinet.
 - xi. Intersection is part of MTOP.
- f. SR 8 @ North Ave (not visited)
- i. Ramps in NE and SW quadrants appear to have been upgraded recently. Other ramps will need to be upgraded. Possible drainage conflicts in NW quadrant.
 - ii. Utility conflicts in SE quadrant – utility pole in sidewalk.
 - iii. Might have r/w constraints in SE quadrant – might need to discuss joint use
 - iv. Upgrade pedestrian heads and push buttons.
 - v. Install radar detection
 - vi. 4G router
 - vii. Install Street Name Signs.
 - viii. Upgrade 5-section heads with 4-section FYA heads.
 - ix. Upgrade traffic controller cabinet.
 - x. New signal heads
- g. SR 10 @ North Ave
- i. Intersection is part of RTOP corridor and is ongoing a FYA upgrade project. Retain FYA once installed by RTOP project. **Esteban said he will send Atkins “FTO” for intersection.**
 - ii. Upgrade poles with mast arms. Existing poles are decorated, new ones should be too.
 - iii. Retain traffic controller cabinet.
 - iv. Upgrade pedestrian heads and push buttons.
 - v. Upgrade wheelchair ramps.
 - vi. Upgrade street name signs.
 - vii. **Atkins to contact Clyde Moore from the City of Atlanta traffic about fluted mast arms.**
 - viii. Crosswalks need to be restriped
 - ix. The eastern leg of this intersection is the Freedom trail crossing, the ADA ramps need to be as wide as the trail (minimum 10-ft)
 - x. Design all changes with the trail in mind
- h. SR 10 @ Ralph McGill
- i. Upgrade poles with mast arms.
 - ii. Upgrade wheelchair ramps.
 - iii. Upgrade pedestrian heads and push buttons.
 - iv. Intersection is part of RTOP corridor and is ongoing a FYA upgrade project. Retain FYA once installed by RTOP project. **Esteban said he will send Atkins “FTO” for intersection.**

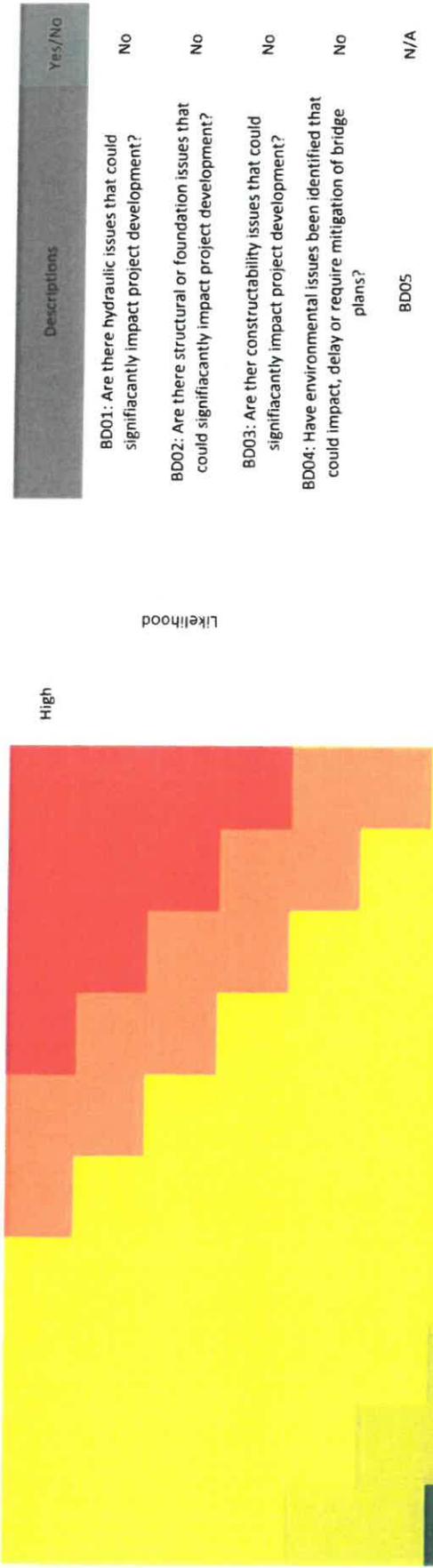
- v. Relocate supplemental head for the EB traffic at the SEC pole, to the end of arm to the right for visibility purposes.
 - vi. Add D3-1 signs
 - vii. Crosswalks need to be restriped
- i. SR 10 @ Boulevard – not visited – will be removed since it is currently under construction
 - j. SR 42 Conn @ North Highland Avenue
 - i. Upgrade poles with mast arms.
 - ii. Upgrade pedestrian heads and push buttons.
 - iii. Upgrade traffic controller cabinet.
 - iv. Retain CCTV.
 - v. Retain Bike box.
 - vi. Atkins to contact RTOP corridor manager about if existing detection should be upgraded to radar detection.
 - vii. Add D3-1 signs.
 - viii. Possible historic resources at intersection
 - ix. Intersection is part of RTOP corridor and is ongoing a FYA upgrade project. Retain FYA once installed by RTOP project. Esteban said he will send Atkins "FTO" for intersection
 - x. The southern and northern legs of this intersection are Freedom trail crossings, the ADA ramps need to be as wide as the trail (minimum 10-ft)
 - xi. Design all changes with the trail in mind
 - k. Adjourned 11:45 AM
2. Action Item Summary
- a. Esteban to send Atkins "FTOs" for all RTOP intersections.
 - b. Atkins to coordinate with RTOP corridor manager on detection for RTOP intersections
 - c. Atkins to contact Clyde Moore from the City of Atlanta traffic about fluted mast arms

NOTE TO RECIPIENTS:

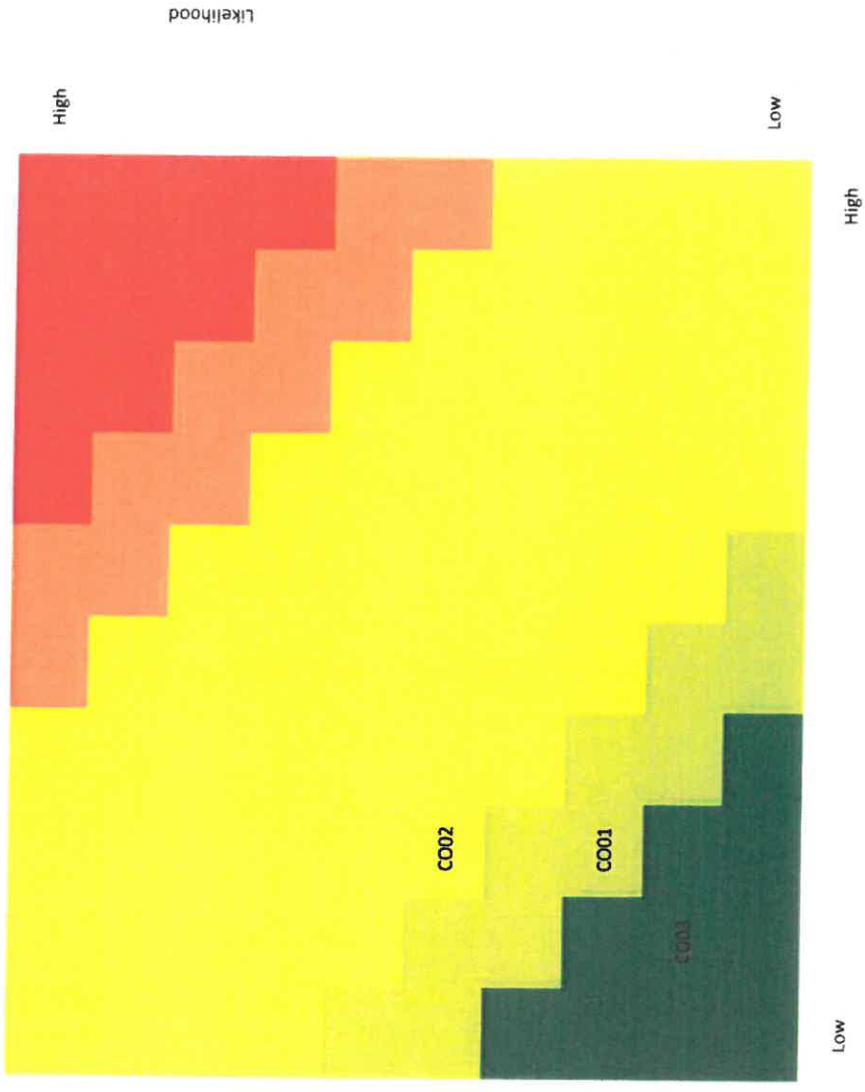
These meeting notes record Atkins understanding of the meeting and intended actions arising therefrom. Your agreement that the notes form a true record of the discussion will be assumed unless adverse comments are received in writing within five days of receipt.

Heat MAP

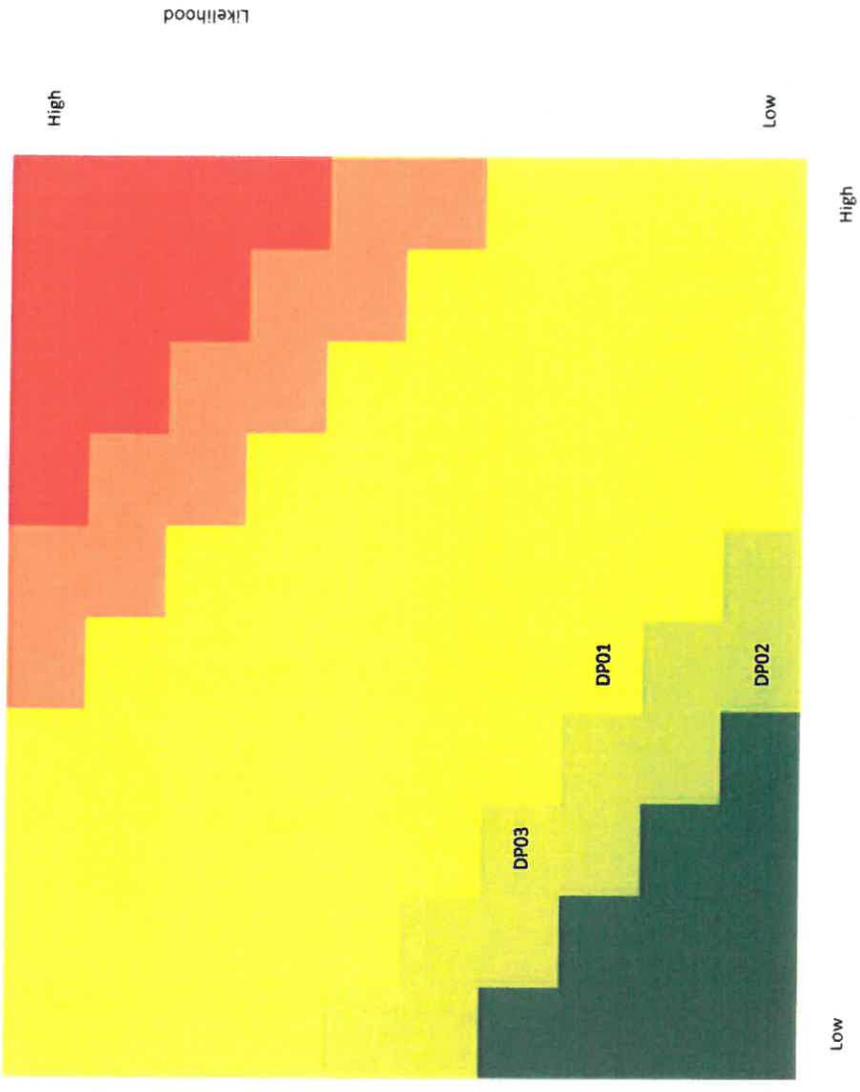
Bridge Design	Construction	Design Policy	District	Environmental	OMAT	Project Management	Roadway Design	Right Of Way	Traffic Operation	Utilities	Risk Legend
	Constructability Issues.	Survey Availability Issues.	Local Government Support.	Major Natural Environment Issues.	Project Management with multiple users/risks.	Project Management	Automated Issues.	Project in Residential Area.	Safety Issues	Railroad Involvement.	Low
	Access Issues.	Erosion Control Issues.	Local Government Support.	Major Human Environment Issues.	Pavement Design Issues.	Substation Issues.	Intersecting Major Street.	Project in Commercial Area.	Traffic Signal Justifications or Permits.	Major Utilities.	Medium Low
	Issues with Easements.	MSA Issues.	Local Government Support.	Significant Soil/Underground Issues.		Signage Issues.	Utility Conflict Issues.	Access Issues in the Project Corridor.	None Documented	Relocation of Major Utilities.	Medium
				Significant Soil/Underground Issues.				Properties with Potential Contaminated Soils.		Known Utility Coordination Issues.	Medium High
								Properties with Potential Contaminated Soils.		SUE or PID.	High



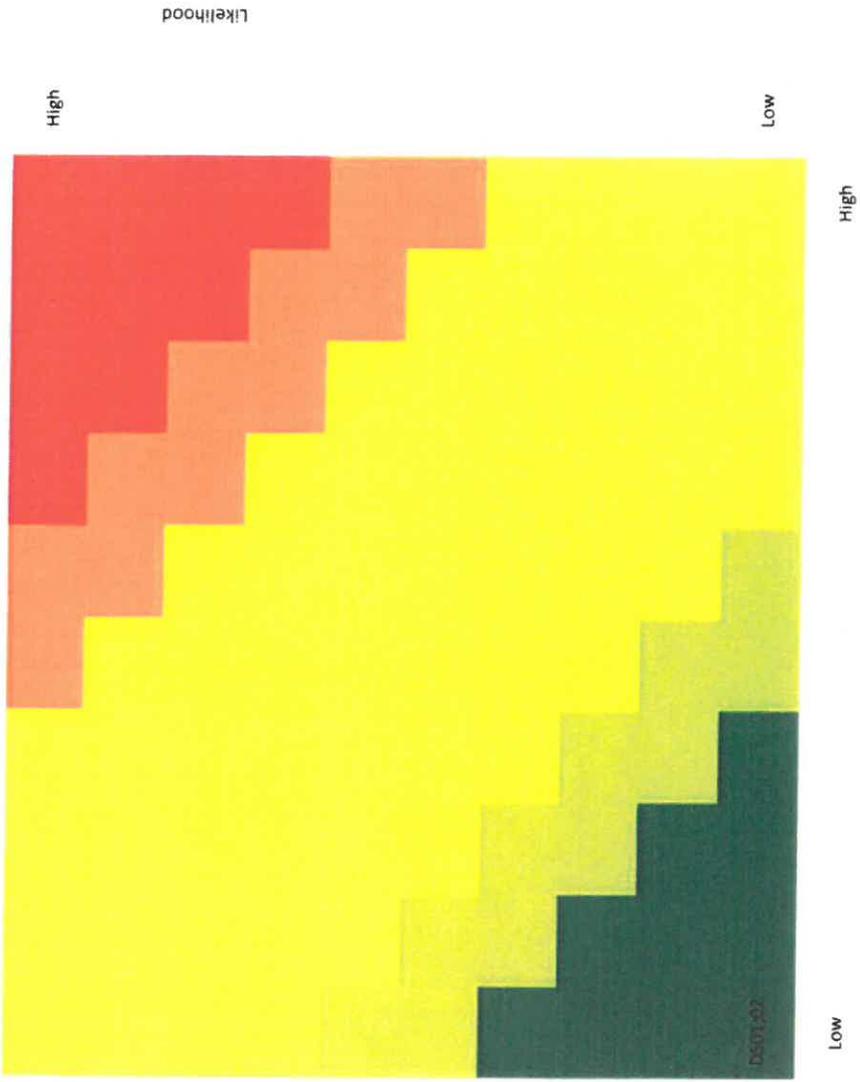
Descriptions	Yes/No
BD01: Are there hydraulic issues that could significantly impact project development?	No
BD02: Are there structural or foundation issues that could significantly impact project development?	No
BD03: Are there constructability issues that could significantly impact project development?	No
BD04: Have environmental issues been identified that could impact, delay or require mitigation of bridge plans?	No
BD05	N/A



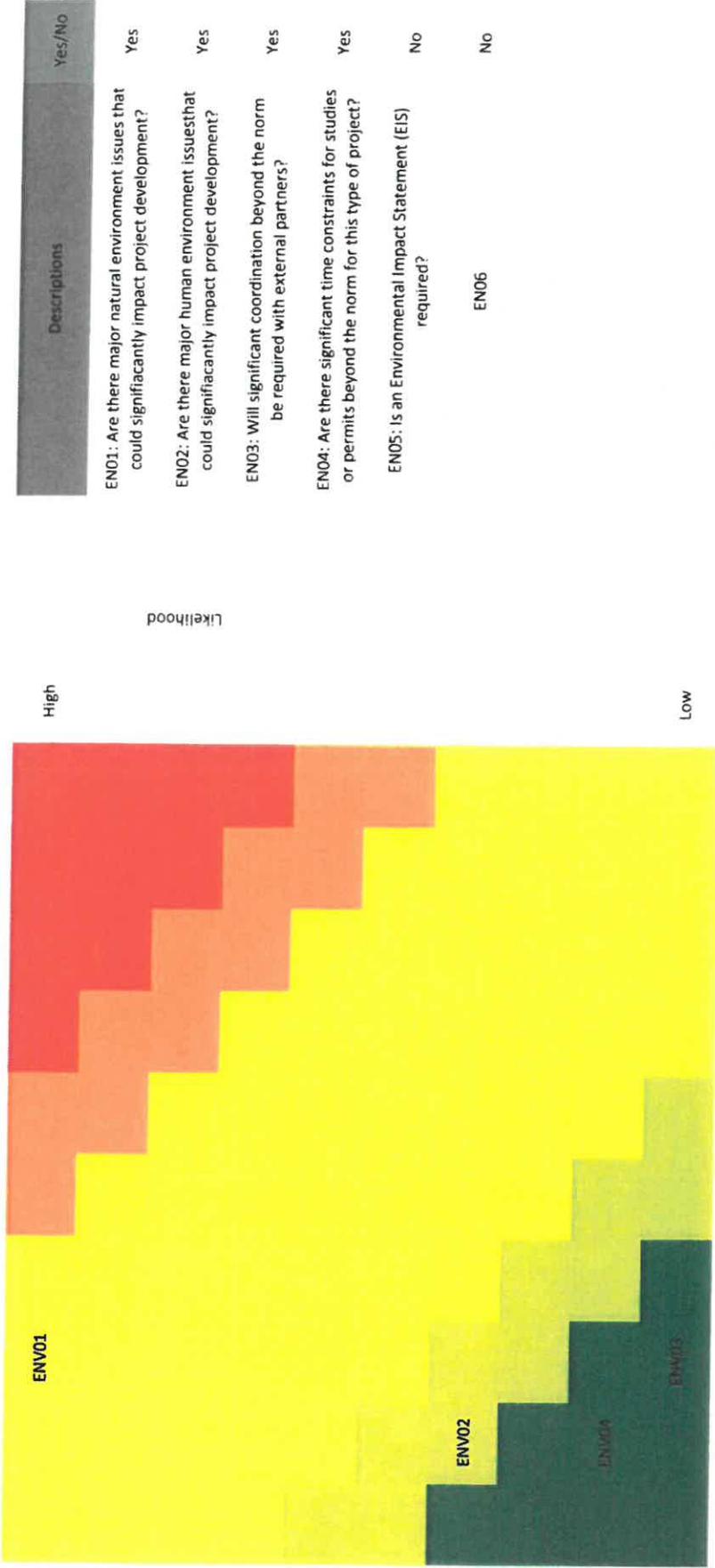
Descriptions	Yes/No
CO01: Are there constructability issues that could significantly impact project development?	Yes
CO02: Are there access issues that could significantly impact project development?	Yes
CO03: Are there issues with payment on the project?	Yes
CO04	N/A



Descriptions	Yes/No
DP01: Are there survey availability issues that could impact project development?	Yes
DP02: Are there erosion control issues that could impact project development?	Yes
DP03: Are there MS4 issues that could impact project development?	Yes
DP04	N/A

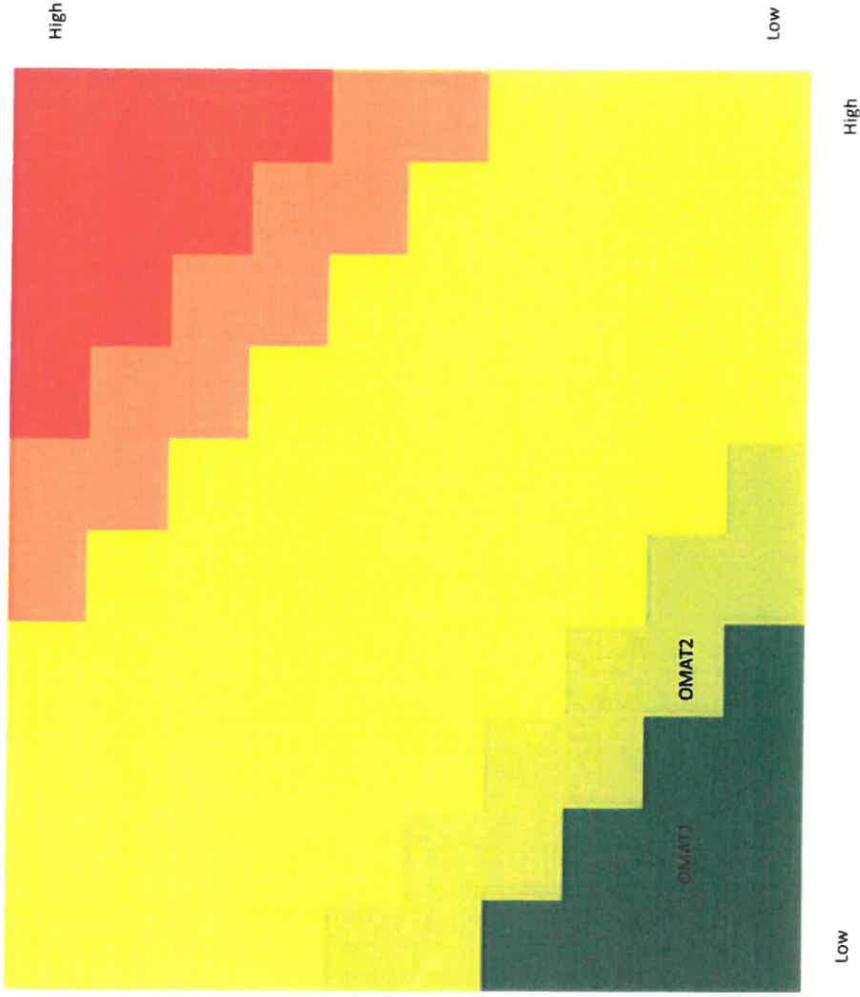


Descriptions	Yes/No
DS01: Is there Local government support for the project?	Yes
DS02: Is there Local stakeholder (citizens) support for the project?	Yes
DS03: Will the project require coordination among different entities that could result in impacts or delays to the project schedule?	No
DS04	N/A



Descriptions	Yes/No
--------------	--------

- EN01: Are there major natural environment issues that could significantly impact project development? **Yes**
- EN02: Are there major human environment issues that could significantly impact project development? **Yes**
- EN03: Will significant coordination beyond the norm be required with external partners? **Yes**
- EN04: Are there significant time constraints for studies or permits beyond the norm for this type of project? **Yes**
- EN05: Is an Environmental Impact Statement (EIS) required? **No**
- EN06: **No**

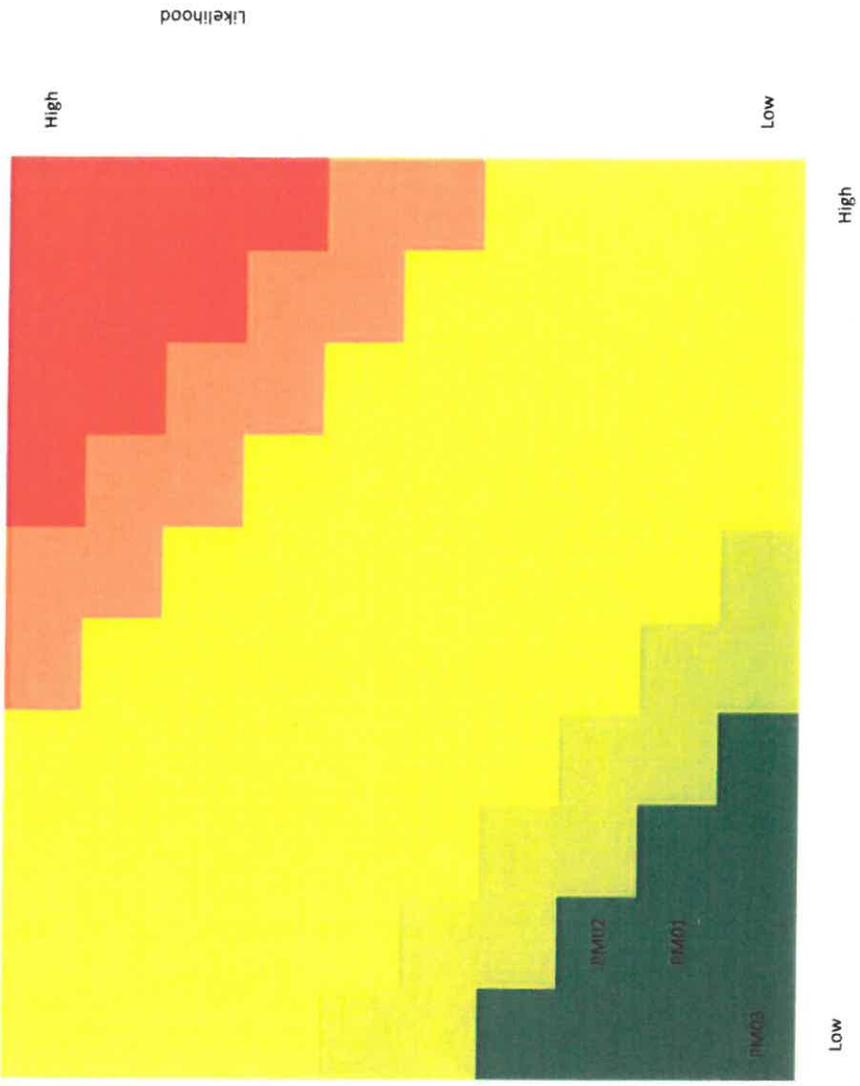


Descriptions	Yes/No
--------------	--------

OMAT1: Is the project located in an area with less than desirable soil? **Yes**

OMAT2: Are there pavement design issues that could significantly impact project development? **Yes**

OMAT3 **No**



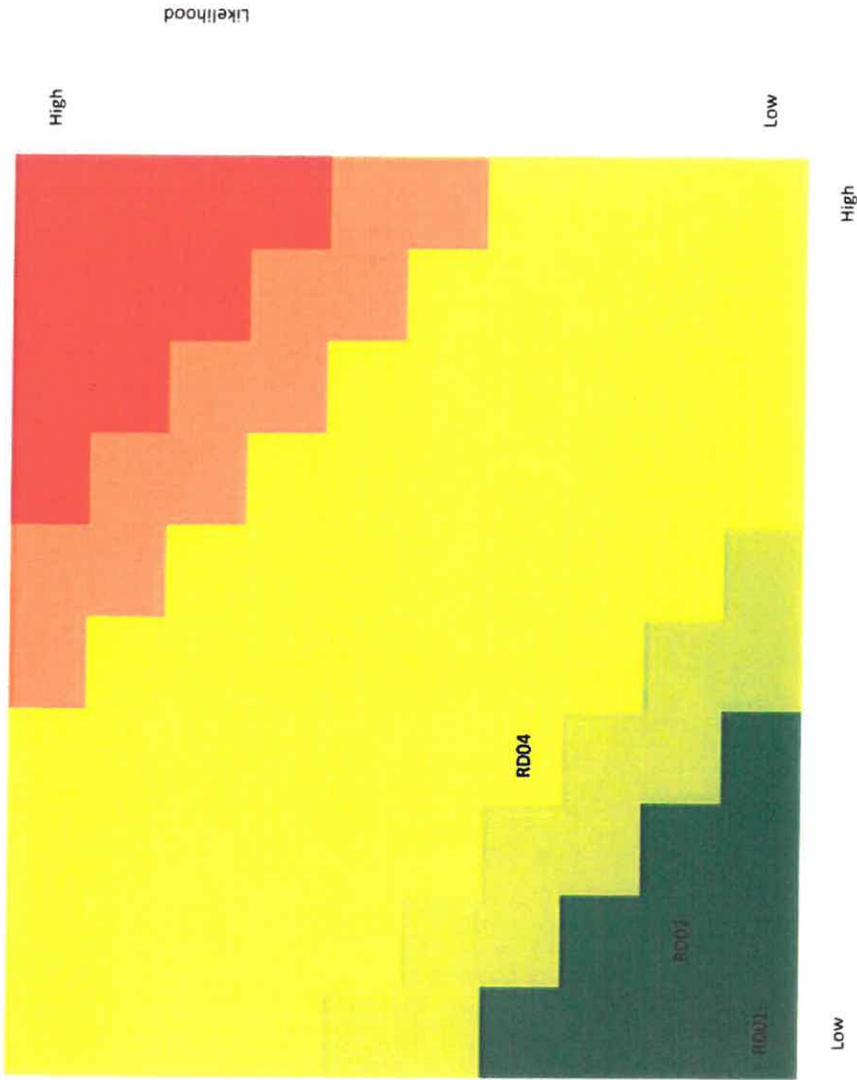
Descriptions	Yes/No
--------------	--------

PM01: Are there funding issues now or in the future? Yes

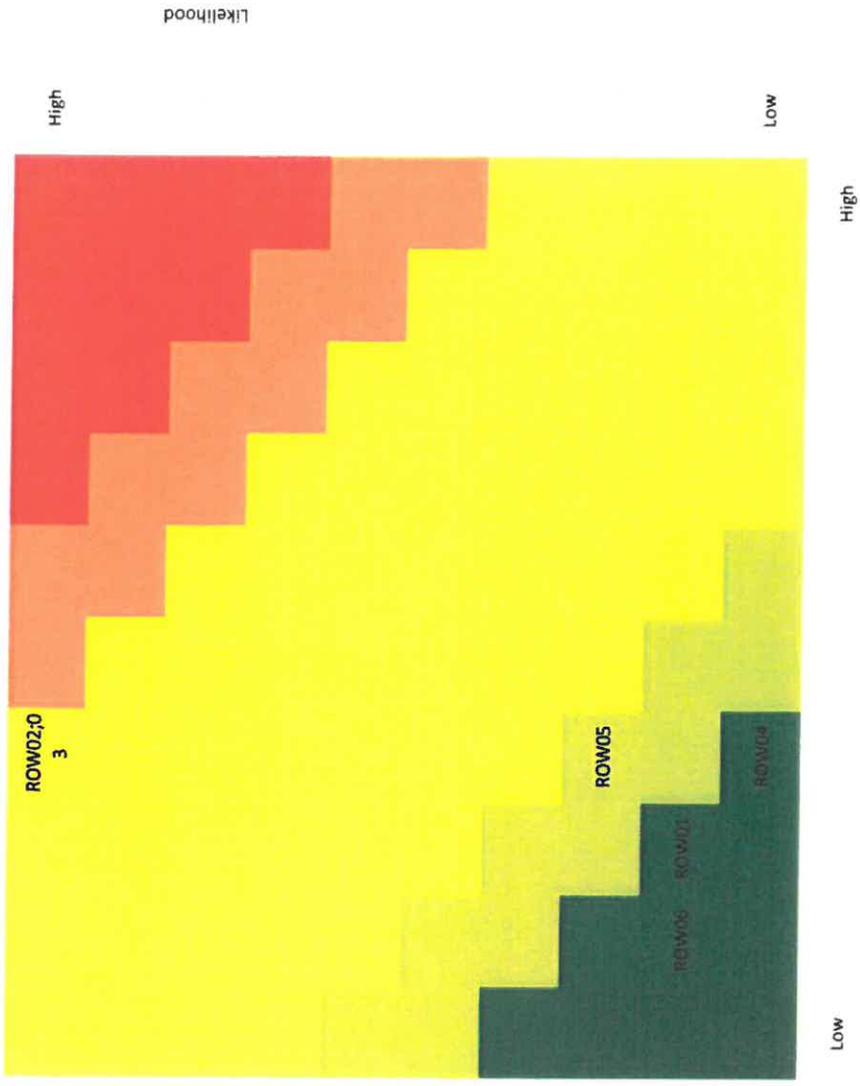
PM02: Are there schedule issues? Yes

PM03: Are there scope issues? Yes

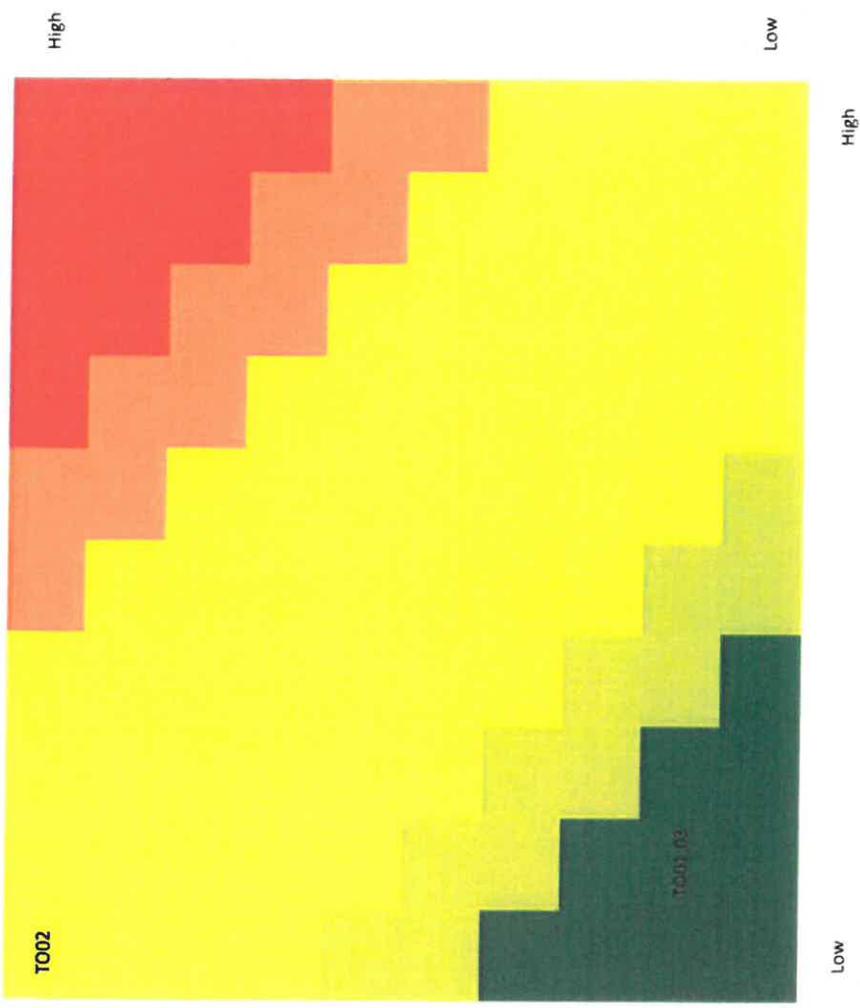
PM04 N/A



Descriptions	Yes/No
RD01: Are there geometric issues that could significantly impact project development?	Yes
RD02: Are there potential drainage issues?	Yes
RD03: Are there traffic analysis or capacity issues?	No
RD04: Are there utility conflict issues?	Yes
RD05: Are there staging or constructability issues?	No
RD06	N/A



Descriptions	Yes/No
ROW01: Is the project in a residential area?	Yes
ROW02: Is the project in a commercial area?	Yes
ROW03: Are there access issues in the project corridor?	Yes
ROW04: Are there a significant number of displacements in the project corridor?	Yes
ROW05: Are there properties with potentially contaminated soils?	Yes
ROW06: Are there known environmental issues that may significantly impact ROW acquisition?	Yes
ROW07	N/A



Descriptions	Yes/No
--------------	--------

T001: Are there safety issues along the project that require additional time or information to address?

Yes

T002: Are there traffic signal justifications or permits required?

Yes

T003: Are there new equipment requirements?

Yes

T004

No

Descriptions	Yes/No
--------------	--------

- UT01: Is Railroad involvement required for the project? No
- UT02: Are there major utilities located in the project corridor? Yes
- UT03: Will the design require relocation of major utilities? Yes
- UT04: Are there known utility coordination issues? Yes
- UT05: Will a SUE or PID be required? Yes

UT06

