VDOT

Request for Proposals

LETTER OF SUBMITTAL AND ATTACHMENTS

I-64 Pavement Rehabilitation

From: Little Creek Road Bridge (East Abutment)
To: Bridge over Curlew Drive & RR (West Abutment) and

I-264 Pavement Rehabilitation

From: Claiborne Ave. Bridge (East Abutment)
To: Broad Creek Bridge (West Abutment)

Norfolk, Virginia

State Project No.: 0064-122-009, N501
Federal Project No.: IM-064-3(474)
Contract ID Number: C00104329DB65

Submitted by: Branscome, Inc.
432 McLaws Circle
Williamsburg, VA 23185

Submitted to: Commonwealth of Virginia
Department of Transportation (VDOT)
Central Office Mail Center
Loading Dock Entrance
1401 E. Broad Street
Richmond, Virginia 23219
Attention: Brenda L. Williams

October 24, 2013

BRANSCOME INCORPORATED

4.1.1 Letter of Submittal

October 24, 2013

Mr. Bill Arel, PE
Alternative Project Delivery Office, Virginia Department of Transportation
1401 East Broad Street; Annex Bldg., 8th Floor, Richmond, VA, 23219

Re: Request for Proposals for I-64 and I-264 Pavement Rehabilitation

www.branscome.com

432 MCLAWS CIRCLE
WILLIAMSBURG, VIRGINIA 23185
PHONE: 757-229-2504
FAX: 757-220-0390

Dear Mr. Arel:

As the largest paving contractor in Hampton Roads, Branscome, Inc. (Branscome) wants to be your chosen contractor for the Virginia Department of Transportation's I-64 and I-264 Pavement Rehabilitation project in Norfolk, Virginia and submits this Proposal. Branscome, Inc., one of the largest and most respected contractors in the Mid-Atlantic region, has built more than $1 billion of highway and interstate projects in just the last ten years. Our lead design firm, Dewberry Consultants LLC (Dewberry), is an experienced and well-established engineering firm with the stability, resources, and personnel depth to craft an outstanding project design, having done more than $2.5 billion of work on design-build projects.

Branscome and Dewberry (the Branscome Team) brings VDOT the experienced capabilities to design and build this project in a quality-focused, efficient and cost-effective manner. Our experience includes interstate construction, interchange improvements, road widening, structures, new roadway construction, and overlay projects. For more than 50 years, Branscome has worked with VDOT on hundreds of transportation infrastructure projects. And for more than 57 years, Dewberry has brought the Commonwealth creative, stakeholder-friendly, transportation engineering solutions.

Unique among all other offerors, Branscome has two asphalt plants within five miles and two more within 20 miles of the project. Branscome can get raw materials for asphalt production from four different sources; two come by separate rail lines and two by barge. And Branscome has three stone yards ready and available to deliver and stage materials, equipment, and trucks within five miles of the project. Branscome management and supervision are local to the area and work daily in the vicinity of the project. We employ six paving crews in Hampton Roads and can bring on seven more crews, if needed. Branscome has a 4,000 SF office space within two miles of the project capable of housing all personnel needed to manage and administer the project.

Branscome's well integrated team is exceptionally positioned to effectively and efficiently handle all the materials, logistics, communication, management, and administration of this project.

Sincerely,

George B. League, Jr.
Vice President
Branscome, Inc.

REGISTERED VIRGINIA CONTRACTOR NO. 2705013478 CLASS A H/H

4.1.1 Full Legal name and address of the Offeror

The full legal name and address of the Offeror is:

Brancome, Inc.
432 McLaws Circle
Williamsburg, VA 23185

4.1.2 Branscome Inc. hereby declares, that if selected, it will enter into a contract with VDOT for the project per the RFP.

4.1.3 Branscome hereby declares that the offer represented by this Letter of Submittal and associated Attachments and the Price Proposal will remain in full force and effect for one hundred twenty (120) days after the date these documents are submitted to VDOT.

4.1.4 Point of Contact for the Offeror

George B. League, Jr. is the official representative and Point of Contact for the Branscome, Inc. His contact information is as follows:

George B. League, Jr.	757-229-2504 (Telephone)
Design-Build Project Manger	757-220-0390 (Fax)
432 McLaws Circle	757-449-9601 (Cell)
Williamsburg, VA 23185	leagueb@branscome.com

4.1.5 Principal Officer for the Offeror

The principal officer of Branscome, Inc. with whom a design-build contract with VDOT would be written is:

Stuart Patterson	757-229-2504 (Telephone)
President	757-220-0390 (Fax)
432 McLaws Circle	757-941-7501 (Cell)
Williamsburg, VA 23185	pattersons@branscome.com

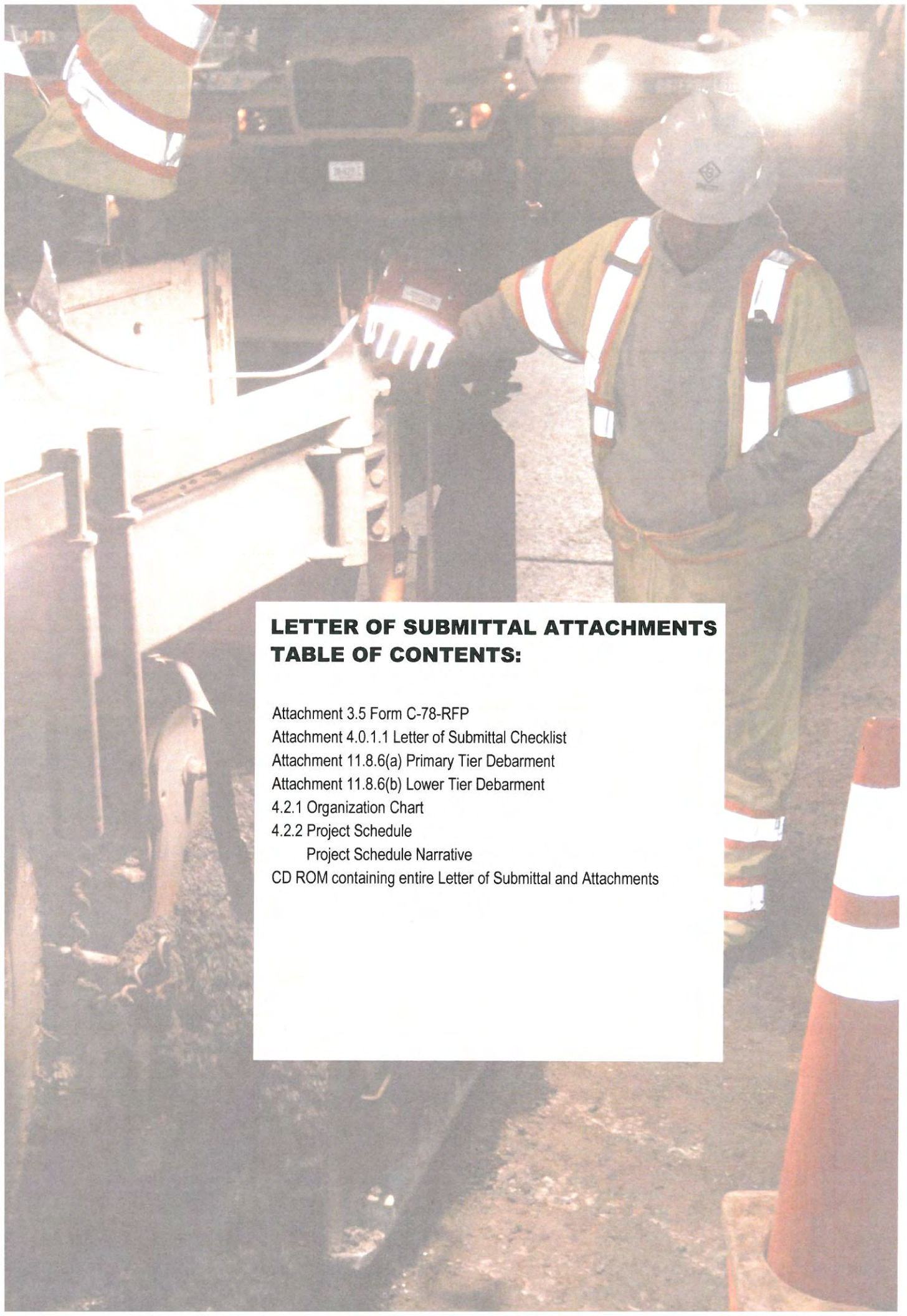
4.1.6 The final completion date will be November 13, 2015.

4.1.7 Debarment Forms

The full page Certification Regarding Debarment Form Primary Covered Transactions and Lower Tier Covered Transactions are located in the Appendices section.

4.1.8 Offeror's commitment to achieving 12% DBE participation goal

Branscome's policy is to support the establishment of, preservation of, and contribute to the viability of small businesses owned by women and minorities. Branscome, Inc. is fully committed to achieving the DBE participation goal of 12% of the entire value of the contract.



LETTER OF SUBMITTAL ATTACHMENTS TABLE OF CONTENTS:

Attachment 3.5 Form C-78-RFP
Attachment 4.0.1.1 Letter of Submittal Checklist
Attachment 11.8.6(a) Primary Tier Debarment
Attachment 11.8.6(b) Lower Tier Debarment
4.2.1 Organization Chart
4.2.2 Project Schedule
Project Schedule Narrative
CD ROM containing entire Letter of Submittal and Attachments

ATTACHMENT 4.0.1.1

I-64 Pavement Rehabilitation and I-264 Pavement Rehabilitation

LETTER OF SUBMITTAL CHECKLIST AND CONTENTS

Offerors shall furnish a copy of this Letter of Submittal Checklist, with the page references added, with the Technical Proposal.

Letter of Submittal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
Letter of Submittal Checklist and Contents	Attachment 4.0.1.1	Section 4.0.1.1	II. 1-2
Acknowledgement of RFP, Revisions, and/or Addenda	Attachment 3.5 (Form C-78-RFP)	Sections 3.5, 4.0.1.1	II. 3
Letter of Submittal	NA	Sections 4.1	1-2
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	1
Offeror's full legal name and address	NA	Section 4.1.1	2
Authorized representative's original signature	NA	Section 4.1.1	2
Declaration of intent	NA	Section 4.1.2	2
120 day declaration	NA	Section 4.1.3	2
Point of Contact information	NA	Section 4.1.4	2
Principal Officer information	NA	Section 4.1.5	2
Final Completion Date	NA	Section 4.1.6	2
Certification Regarding Debarment Forms	Attachment 11.8.6(a) Attachment 11.8.6(b)	Section 4.1.7	Appendix 1 - 8
Written statement of percent DBE participation	NA	Section 4.1.8	2
Offeror's Qualifications	NA	Section 4.2	II. - 4
Confirmation that the information provided in the SOQ submittal remains true and accurate or indicates that any requested changes were previously approved by VDOT	NA	Section 4.2.1	II. - 4
Organizational chart with any updates since the SOQ	NA	Section 4.2.2	II. - 4

ATTACHMENT 4.0.1.1

I-64 Pavement Rehabilitation and I-264 Pavement Rehabilitation

LETTER OF SUBMITTAL CHECKLIST AND CONTENTS

Letter of Submittal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
submittal clearly identified to include Lead QA Inspector			
Revised narrative when organizational chart includes updates since the SOQ submittal to include Lead QA Inspector	NA	Section 4.2.2	II. - 4
Proposal Schedule	NA	Section 4.2.2	II. 5 - 47
Proposal Schedule	NA	Section 4.2.2	II. 5 - 44
Proposal Schedule Narrative	NA	Section 4.2.2	II. 45 - 47
Proposal Schedule in electronic format (CD-ROM)	NA	Section 4.2.2	

ATTACHMENT 3.5

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

RFP NO. C00104329DB65

PROJECT NO.: 0064-122-009, N501

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFP: July 30, 2013 (Date)
2. Cover letter of Addendum #1: September 27, 2013 (Date)
3. Cover letter of _____ (Date)

SIGNATURE

October 24, 2013
DATE

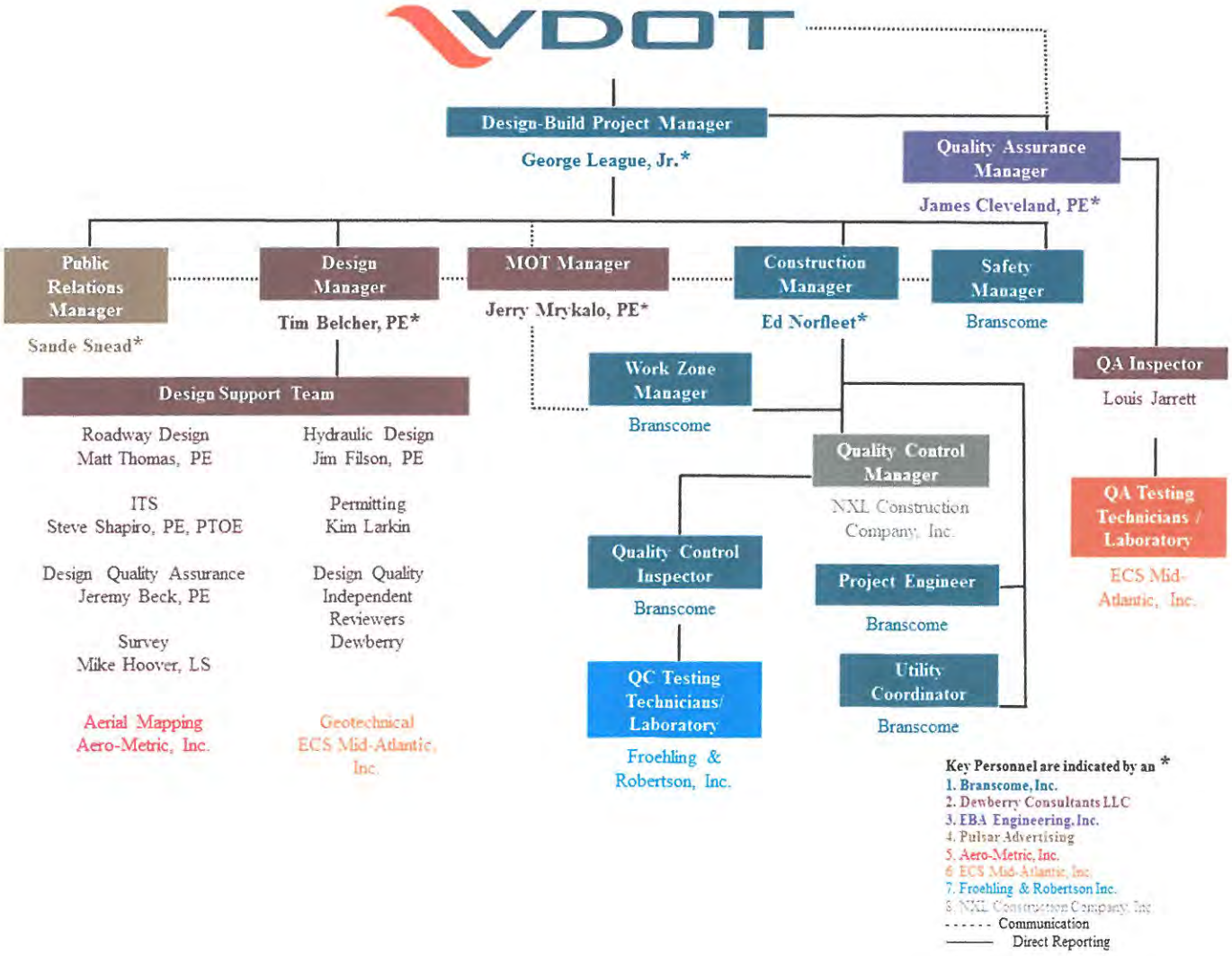
George B. League, Jr. - Vice President
PRINTED NAME AND TITLE

4.2.1 Offeror's Qualifications

4.2 OFFEROR'S QUALIFICATIONS

The Branscome Design Build (DB) Team confirms that the information contained in our SOQ remains true and accurate in accordance with Section 11.4. The organizational chart narrative as provided in our SOQ is wholly incorporated into this Proposal for reference.

The Branscome DB Team Organization Chart (Attached) illustrates the functional relationships, our "chain" of command and notes Key Personnel Team members. Solid lines identify the reporting relationships of our team members in managing, designing and constructing the project, and illustrate clear reporting lines from Design Build Project Management to the design and construction team. Dashed lines represent indirect reporting and obligations to Owner and/or Corporate Management. The chart also shows that a clear separation exists between Quality Assurance and Construction Quality Control inspection and field/laboratory testing.



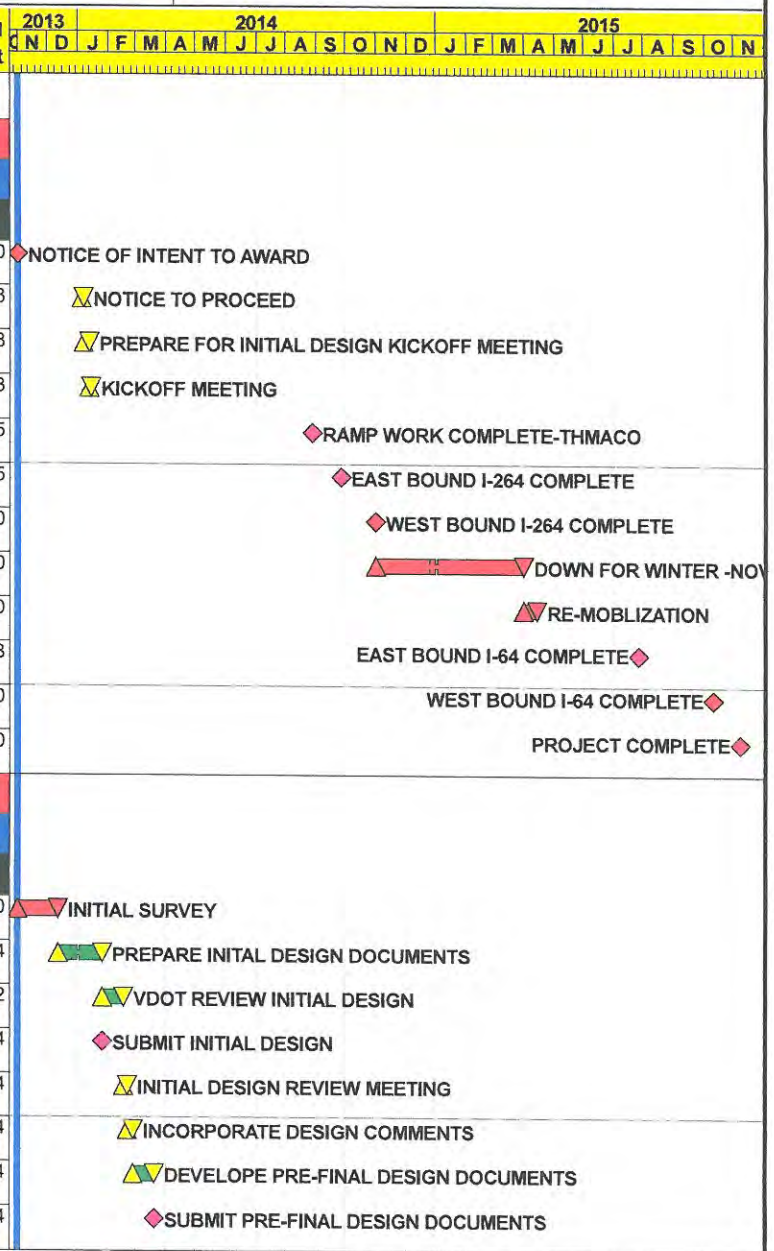
4.2.2 Proposal Schedule

All

CPM CONSTRUCTION SCHEDULE

RFP

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
DB65 DESIGN BUILD					
ALL AREAS					
ADMINISTRATION					
PC-1000	NOTICE OF INTENT TO AWARD	0	10/31/13		0
PC-1030	NOTICE TO PROCEED	1	01/05/14*	01/05/14	53
PC-1010	PREPARE FOR INITIAL DESIGN KICKOFF MEETING	5	01/06/14	01/12/14	53
PC-1020	KICKOFF MEETING	1	01/13/14	01/13/14	53
PC-1060	RAMP WORK COMPLETE-THMACO	0		08/27/14	45
PC-1050	EAST BOUND I-264 COMPLETE	0		09/25/14	25
PC-1100	WEST BOUND I-264 COMPLETE	0		10/30/14	0
PC-1040	DOWN FOR WINTER -NOVEMBER 2014 THRU MARCH 2015	150	10/31/14	03/31/15	0
PC-1110	RE-MOBLIZATION	10	04/01/15	04/14/15	0
PC-1070	EAST BOUND I-64 COMPLETE	0		07/27/15	53
PC-1090	WEST BOUND I-64 COMPLETE	0		10/11/15	0
PC-1080	PROJECT COMPLETE	0		11/08/15	0
DESIGN					
COMPLETE DESIGN					
D-0500	INITIAL SURVEY	30	10/31/13	12/11/13	0
D-2000	PREPARE INITAL DESIGN DOCUMENTS	30	12/12/13	01/26/14	44
D-2010	VDOT REVIEW INITIAL DESIGN	21	01/27/14	02/16/14	62
D-2160	SUBMIT INITIAL DESIGN	0	01/27/14		44
D-2020	INITIAL DESIGN REVIEW MEETING	3	02/17/14	02/19/14	44
D-2030	INCORPORATE DESIGN COMMENTS	5	02/20/14	02/26/14	44
D-2040	DEVELOPE PRE-FINAL DESIGN DOCUMENTS	15	02/27/14	03/19/14	44
D-2050	SUBMIT PRE-FINAL DESIGN DOCUMENTS	0	03/20/14		44



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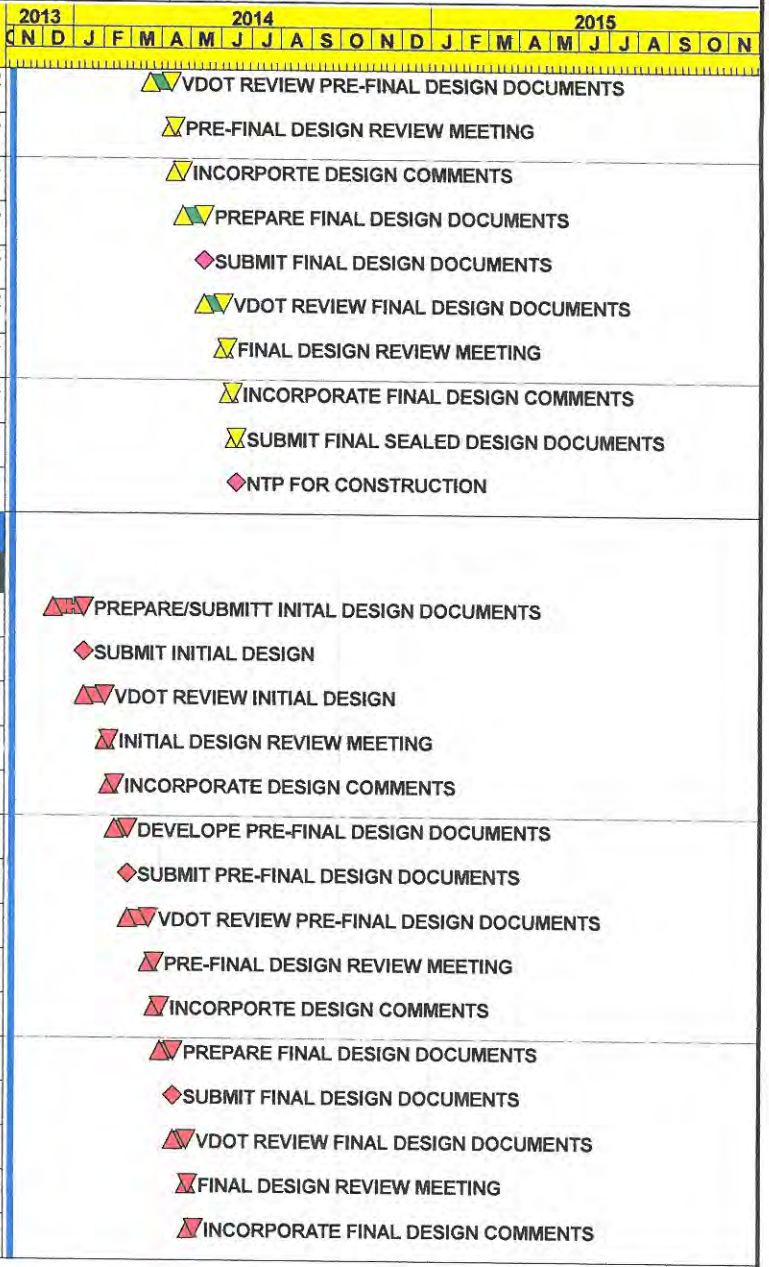
All

CPM CONSTRUCTION SCHEDULE

RFP

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
D-2060	VDOT REVIEW PRE-FINAL DESIGN DOCUMENTS	21	03/20/14	04/09/14	62
D-2070	PRE-FINAL DESIGN REVIEW MEETING	3	04/10/14	04/14/14	43
D-2080	INCORPORTE DESIGN COMMENTS	5	04/15/14	04/21/14	43
D-2090	PREPARE FINAL DESIGN DOCUMENTS	15	04/22/14	05/12/14	43
D-2100	SUBMIT FINAL DESIGN DOCUMENTS	0	05/13/14		43
D-2110	VDOT REVIEW FINAL DESIGN DOCUMENTS	21	05/13/14	06/02/14	62
D-2120	FINAL DESIGN REVIEW MEETING	3	06/03/14	06/05/14	44
D-2130	INCORPORATE FINAL DESIGN COMMENTS	5	06/08/14	06/12/14	44
D-2140	SUBMIT FINAL SEALED DESIGN DOCUMENTS	1	06/15/14	06/15/14	44
D-2150	NTP FOR CONSTRUCTION	0		06/15/14	44
I-264 DESIGN PACKAGE					
D-1000	PREPARE/SUBMITT INITAL DESIGN DOCUMENTS	20	12/12/13	01/12/14	0
D-1005	SUBMIT INITIAL DESIGN	0	01/13/14		0
D-1010	VDOT REVIEW INITIAL DESIGN	21	01/13/14	02/02/14	0
D-1020	INITIAL DESIGN REVIEW MEETING	3	02/03/14	02/05/14	0
D-1030	INCORPORATE DESIGN COMMENTS	5	02/06/14	02/12/14	0
D-1040	DEVELOPE PRE-FINAL DESIGN DOCUMENTS	10	02/13/14	02/26/14	0
D-1050	SUBMIT PRE-FINAL DESIGN DOCUMENTS	0	02/27/14		0
D-1060	VDOT REVIEW PRE-FINAL DESIGN DOCUMENTS	21	02/27/14	03/19/14	0
D-1070	PRE-FINAL DESIGN REVIEW MEETING	3	03/20/14	03/24/14	0
D-1080	INCORPORTE DESIGN COMMENTS	5	03/25/14	03/31/14	0
D-1090	PREPARE FINAL DESIGN DOCUMENTS	10	04/01/14	04/14/14	0
D-1100	SUBMIT FINAL DESIGN DOCUMENTS	0	04/15/14		0
D-1110	VDOT REVIEW FINAL DESIGN DOCUMENTS	14	04/15/14	04/28/14	0
D-1120	FINAL DESIGN REVIEW MEETING	1	04/29/14	04/29/14	0
D-1130	INCORPORATE FINAL DESIGN COMMENTS	4	04/30/14	05/05/14	0



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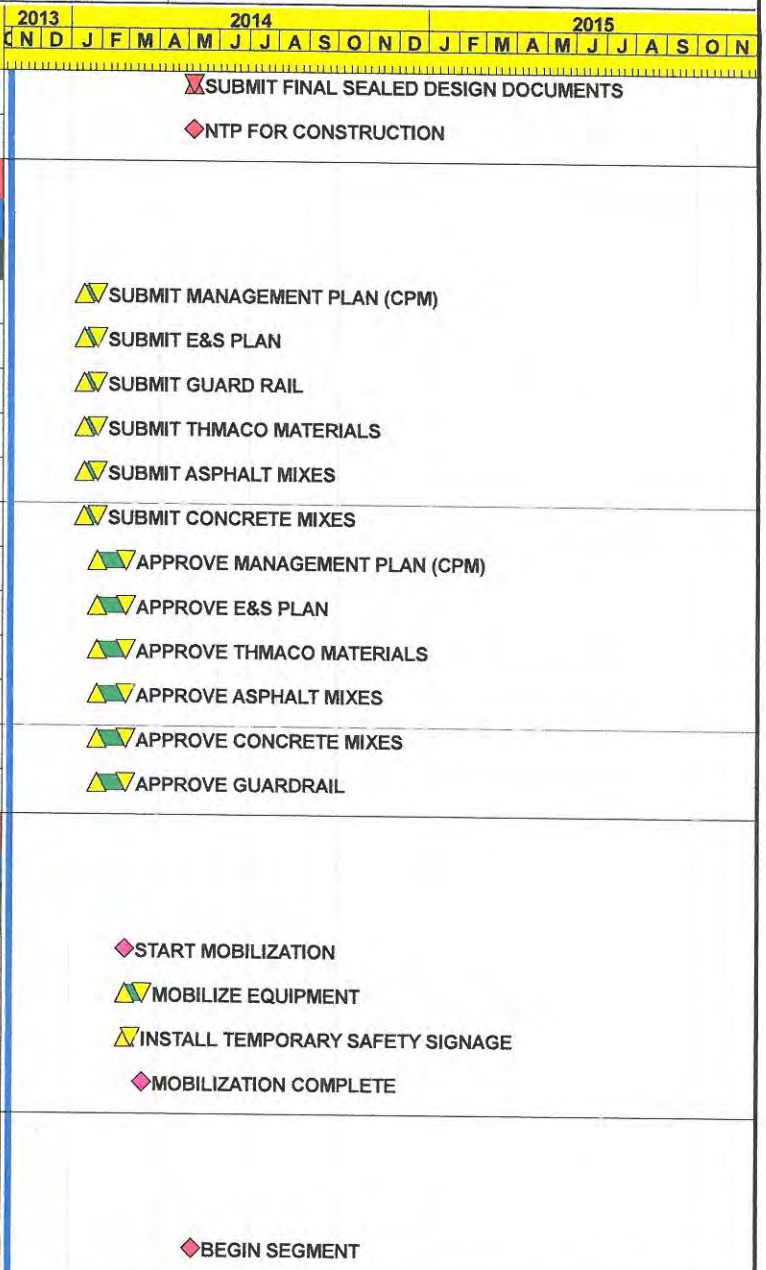
All

CPM CONSTRUCTION SCHEDULE

RFP

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
D-1140	SUBMIT FINAL SEALED DESIGN DOCUMENTS	1	05/06/14	05/06/14	0
D-1150	NTP FOR CONSTRUCTION	0		05/06/14	0
SUBMITTALS					
0003	SUBMIT MANAGEMENT PLAN (CPM)	10	01/14/14	01/27/14	84
0004	SUBMIT E&S PLAN	10	01/14/14	01/27/14	84
0005	SUBMIT GUARD RAIL	10	01/14/14	01/27/14	172
0008	SUBMIT THMACO MATERIALS	10	01/14/14	01/27/14	166
0009	SUBMIT ASPHALT MIXES	10	01/14/14	01/27/14	170
0010	SUBMIT CONCRETE MIXES	10	01/14/14	01/27/14	122
0015	APPROVE MANAGEMENT PLAN (CPM)	30	01/28/14	02/26/14	119
0016	APPROVE E&S PLAN	30	01/28/14	02/26/14	119
0020	APPROVE THMACO MATERIALS	30	01/28/14	02/26/14	236
0021	APPROVE ASPHALT MIXES	30	01/28/14	02/26/14	241
0022	APPROVE CONCRETE MIXES	30	01/28/14	02/26/14	173
0026	APPROVE GUARDRAIL	30	01/28/14	02/26/14	244
MOBLIZATION					
MB-1000	START MOBILIZATION	0	02/27/14		62
MB-1010	MOBILIZE EQUIPMENT	12	02/27/14	03/16/14	62
MB-1020	INSTALL TEMPORARY SAFETY SIGNAGE	4	02/27/14	03/04/14	70
MB-1030	MOBILIZATION COMPLETE	0		03/16/14	62
INTERSTATE 264					
EAST BOUND 264 SEGMENT 33					
MAIN ROAD					
EB-33000	BEGIN SEGMENT	0	05/07/14		0



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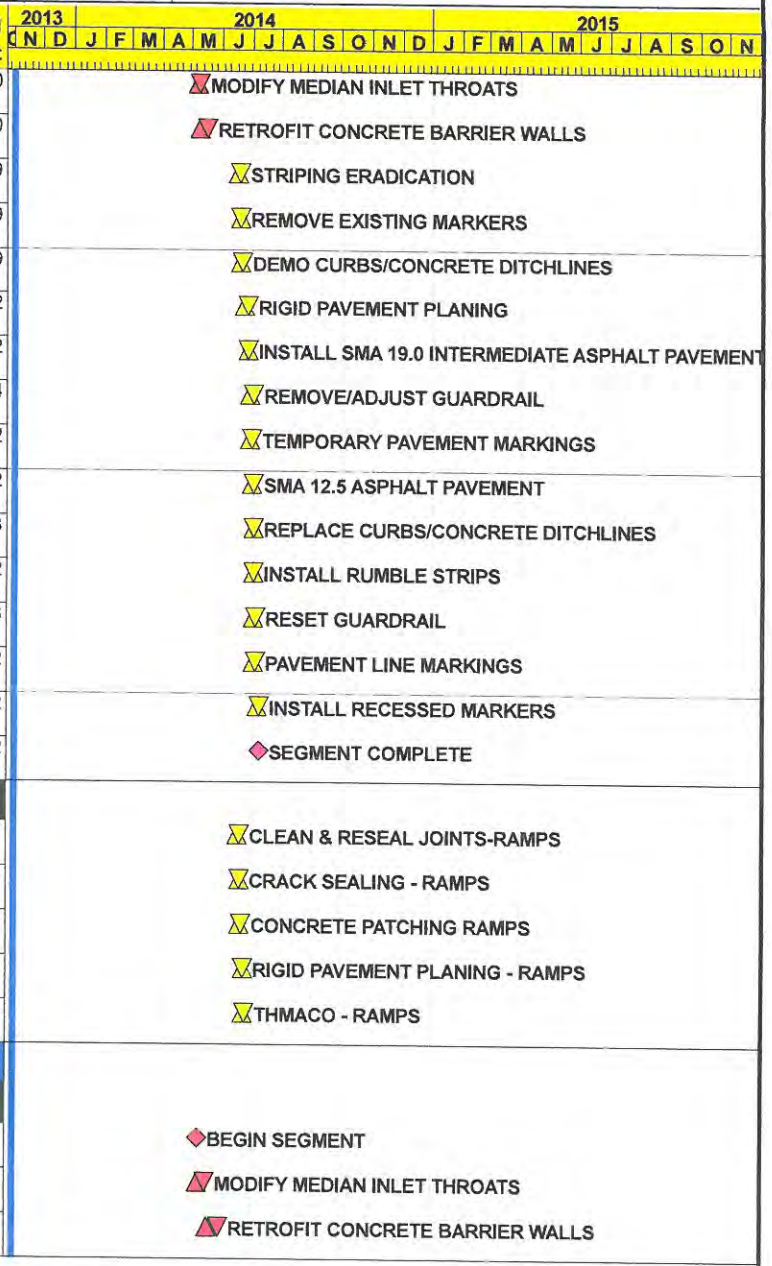
CPM CONSTRUCTION SCHEDULE

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-33010	MODIFY MEDIAN INLET THROATS	1	05/07/14	05/07/14	0
EB-33020	RETROFIT CONCRETE BARRIER WALLS	5	05/08/14	05/15/14	0
EB-33030	STRIPING ERADICATION	1	06/17/14	06/17/14	39
EB-33040	REMOVE EXISTING MARKERS	1	06/18/14	06/18/14	39
EB-33050	DEMO CURBS/CONCRETE DITCHLINES	1	06/19/14	06/19/14	39
EB-33060	RIGID PAVEMENT PLANING	3	06/22/14	06/25/14	72
EB-33070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	1	06/26/14	06/26/14	72
EB-33080	REMOVE/ADJUST GUARDRAIL	2	06/29/14	06/30/14	74
EB-33090	TEMPORARY PAVEMENT MARKINGS	1	06/29/14	06/29/14	72
EB-33100	SMA 12.5 ASPHALT PAVEMENT	1	06/30/14	06/30/14	72
EB-33110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/01/14	07/01/14	73
EB-33120	INSTALL RUMBLE STRIPS	1	07/01/14	07/01/14	72
EB-33130	RESET GUARDRAIL	1	07/02/14	07/02/14	73
EB-33140	PAVEMENT LINE MARKINGS	1	07/02/14	07/02/14	72
EB-33150	INSTALL RECESSED MARKERS	1	07/06/14	07/06/14	72
EB-33160	SEGMENT COMPLETE	0		07/06/14	72
RAMPS					
EB-33170	CLEAN & RESEAL JOINTS-RAMPS	1	06/17/14	06/17/14	37
EB-33180	CRACK SEALING - RAMPS	1	06/18/14	06/18/14	37
EB-33190	CONCRETE PATCHING RAMPS	1	06/19/14	06/19/14	37
EB-33200	RIGID PAVEMENT PLANING - RAMPS	1	06/22/14	06/22/14	73
EB-33210	THMACO - RAMPS	1	06/23/14	06/23/14	73
EAST BOUND 264 SEGMENT 34					
MAIN ROAD					
EB-34000	BEGIN SEGMENT	0	05/08/14		0
EB-34010	MODIFY MEDIAN INLET THROATS	5	05/08/14	05/15/14	0
EB-34020	RETROFIT CONCRETE BARRIER WALLS	8	05/18/14	05/28/14	0



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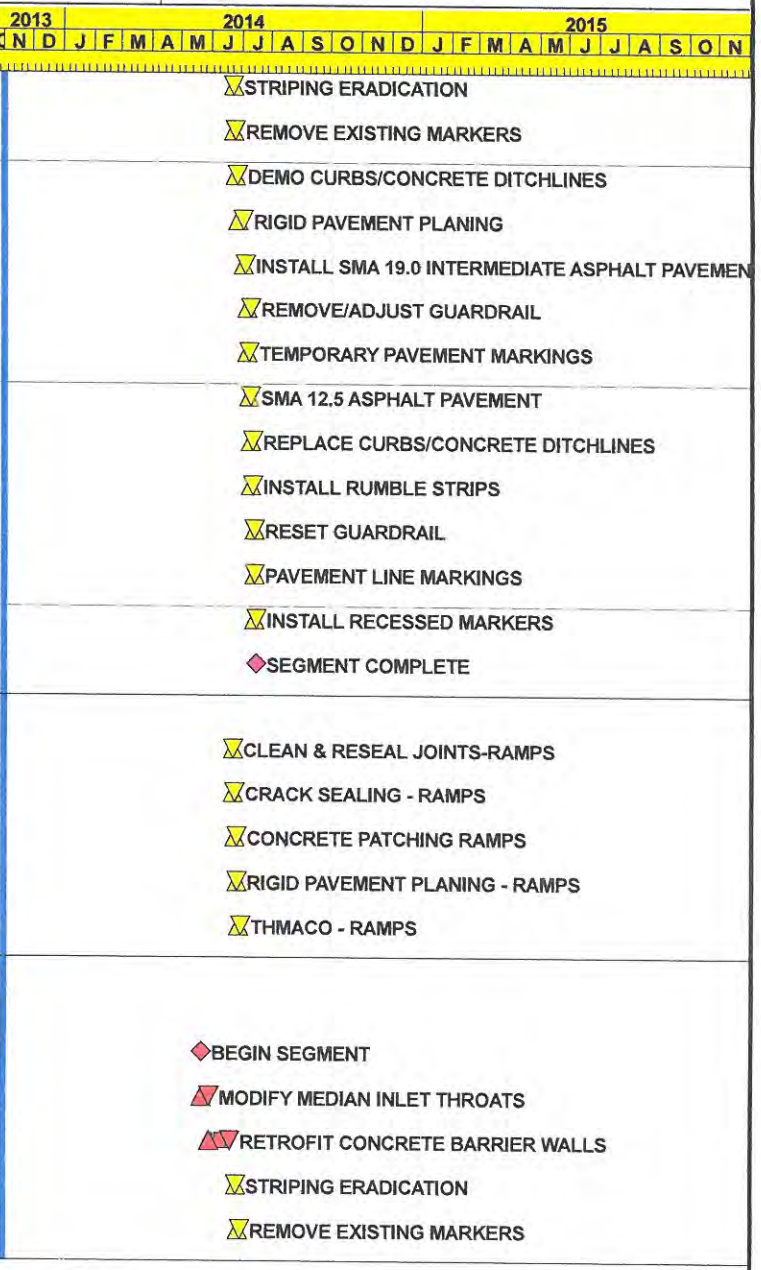
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-34030	STRIPING ERADICATION	1	06/22/14	06/22/14	39
EB-34040	REMOVE EXISTING MARKERS	1	06/23/14	06/23/14	39
EB-34050	DEMO CURBS/CONCRETE DITCHLINES	1	06/25/14	06/25/14	39
EB-34060	RIGID PAVEMENT PLANING	3	06/26/14	06/30/14	67
EB-34070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	07/01/14	07/02/14	67
EB-34080	REMOVE/ADJUST GUARDRAIL	2	07/06/14	07/08/14	70
EB-34090	TEMPORARY PAVEMENT MARKINGS	1	07/06/14	07/06/14	67
EB-34100	SMA 12.5 ASPHALT PAVEMENT	2	07/08/14	07/09/14	67
EB-34110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/10/14	07/10/14	68
EB-34120	INSTALL RUMBLE STRIPS	1	07/10/14	07/10/14	67
EB-34130	RESET GUARDRAIL	1	07/13/14	07/13/14	68
EB-34140	PAVEMENT LINE MARKINGS	1	07/13/14	07/13/14	67
EB-34150	INSTALL RECESSED MARKERS	1	07/14/14	07/14/14	67
EB-34160	SEGMENT COMPLETE	0		07/14/14	67
RAMPS					
EB-34170	CLEAN & RESEAL JOINTS-RAMPS	1	06/22/14	06/22/14	37
EB-34180	CRACK SEALING - RAMPS	1	06/23/14	06/23/14	37
EB-34190	CONCRETE PATCHING RAMPS	1	06/25/14	06/25/14	68
EB-34200	RIGID PAVEMENT PLANING - RAMPS	1	06/26/14	06/26/14	68
EB-34210	THMACO - RAMPS	1	06/29/14	06/29/14	68
EAST BOUND 264 SEGMENT 35					
MAIN ROAD					
EB-35000	BEGIN SEGMENT	0	05/21/14		0
EB-35010	MODIFY MEDIAN INLET THROATS	5	05/21/14	05/28/14	0
EB-35020	RETROFIT CONCRETE BARRIER WALLS	14	05/29/14	06/19/14	0
EB-35030	STRIPING ERADICATION	1	06/26/14	06/26/14	39
EB-35040	REMOVE EXISTING MARKERS	1	06/29/14	06/29/14	39



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Branscome Inc.

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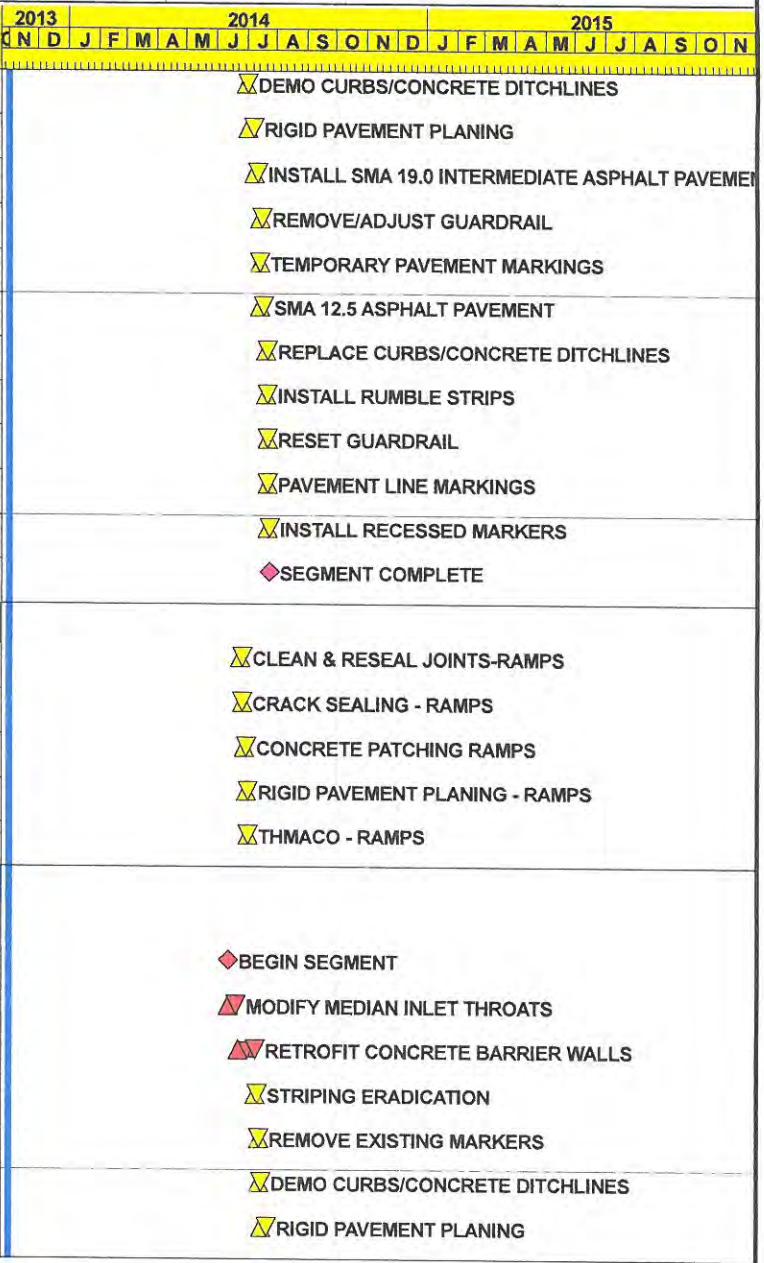
CPM CONSTRUCTION SCHEDULE

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-35050	DEMO CURBS/CONCRETE DITCHLINES	1	06/30/14	06/30/14	39
EB-35060	RIGID PAVEMENT PLANING	3	07/01/14	07/06/14	62
EB-35070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	07/08/14	07/10/14	62
EB-35080	REMOVE/ADJUST GUARDRAIL	2	07/13/14	07/14/14	66
EB-35090	TEMPORARY PAVEMENT MARKINGS	1	07/13/14	07/13/14	62
EB-35100	SMA 12.5 ASPHALT PAVEMENT	3	07/14/14	07/17/14	62
EB-35110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/20/14	07/20/14	63
EB-35120	INSTALL RUMBLE STRIPS	1	07/20/14	07/20/14	62
EB-35130	RESET GUARDRAIL	1	07/21/14	07/21/14	63
EB-35140	PAVEMENT LINE MARKINGS	1	07/21/14	07/21/14	62
EB-35150	INSTALL RECESSED MARKERS	1	07/22/14	07/22/14	62
EB-35160	SEGMENT COMPLETE	0		07/22/14	62
RAMPS					
EB-35170	CLEAN & RESEAL JOINTS-RAMPS	1	06/25/14	06/25/14	37
EB-35180	CRACK SEALING - RAMPS	1	06/26/14	06/26/14	64
EB-35190	CONCRETE PATCHING RAMPS	1	06/29/14	06/29/14	64
EB-35200	RIGID PAVEMENT PLANING - RAMPS	1	06/30/14	06/30/14	64
EB-35210	THMACO - RAMPS	1	07/01/14	07/01/14	64
EAST BOUND 264 SEGMENT 36					
MAIN ROAD					
EB-36000	BEGIN SEGMENT	0	06/12/14		0
EB-36010	MODIFY MEDIAN INLET THROATS	5	06/12/14	06/19/14	0
EB-36020	RETROFIT CONCRETE BARRIER WALLS	11	06/22/14	07/09/14	0
EB-36030	STRIPING ERADICATION	1	07/10/14	07/10/14	34
EB-36040	REMOVE EXISTING MARKERS	1	07/13/14	07/13/14	34
EB-36050	DEMO CURBS/CONCRETE DITCHLINES	1	07/14/14	07/14/14	34
EB-36060	RIGID PAVEMENT PLANING	3	07/16/14	07/20/14	56



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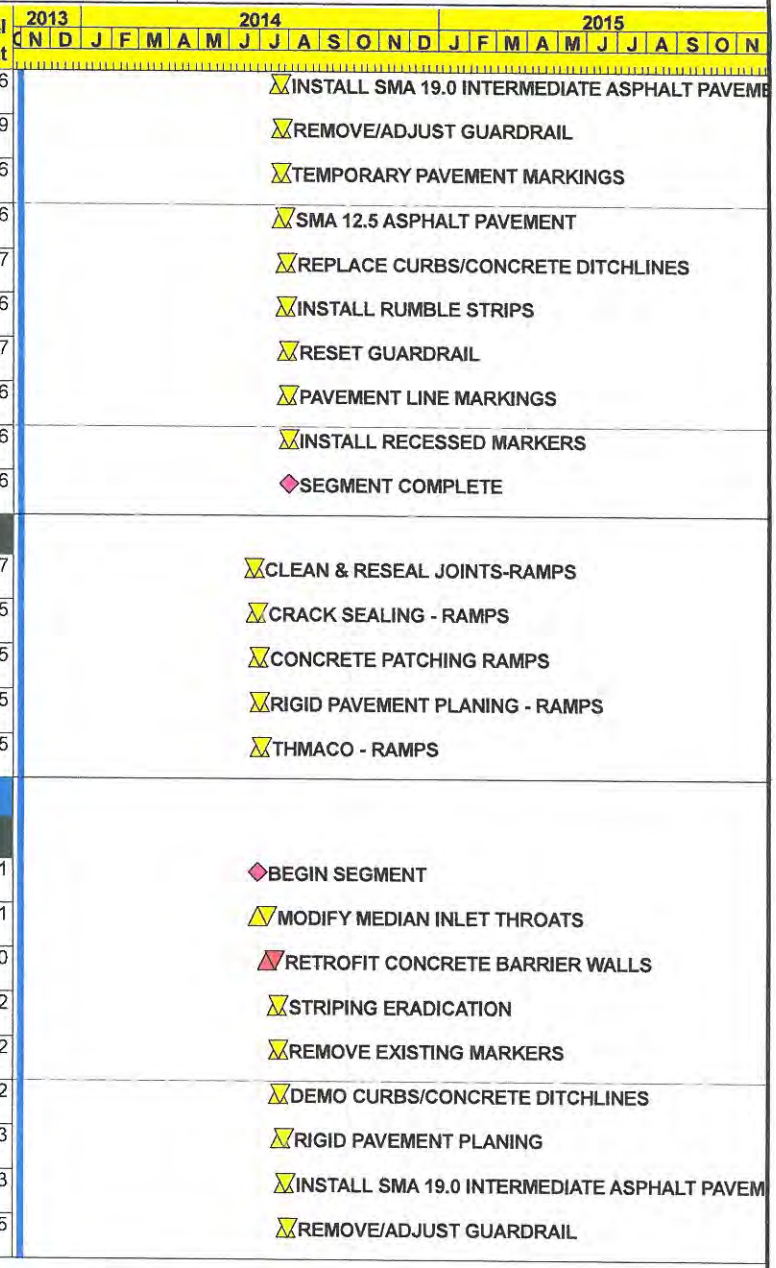
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-36070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	07/21/14	07/22/14	56
EB-36080	REMOVE/ADJUST GUARDRAIL	2	07/23/14	07/24/14	59
EB-36090	TEMPORARY PAVEMENT MARKINGS	1	07/23/14	07/23/14	56
EB-36100	SMA 12.5 ASPHALT PAVEMENT	2	07/24/14	07/27/14	56
EB-36110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/28/14	07/28/14	57
EB-36120	INSTALL RUMBLE STRIPS	1	07/28/14	07/28/14	56
EB-36130	RESET GUARDRAIL	1	07/30/14	07/30/14	57
EB-36140	PAVEMENT LINE MARKINGS	1	07/30/14	07/30/14	56
EB-36150	INSTALL RECESSED MARKERS	1	07/31/14	07/31/14	56
EB-36160	SEGMENT COMPLETE	0		07/31/14	56
RAMPS					
EB-36170	CLEAN & RESEAL JOINTS-RAMPS	1	06/26/14	06/26/14	37
EB-36180	CRACK SEALING - RAMPS	1	06/29/14	06/29/14	65
EB-36190	CONCRETE PATCHING RAMPS	1	06/30/14	06/30/14	65
EB-36200	RIGID PAVEMENT PLANING - RAMPS	1	07/01/14	07/01/14	65
EB-36210	THMACO - RAMPS	1	07/02/14	07/02/14	65
EAST BOUND 264 SEBMENT 37					
MAIN ROAD					
EB-37000	BEGIN SEGMENT	0	06/30/14		1
EB-37010	MODIFY MEDIAN INLET THROATS	5	06/30/14	07/08/14	1
EB-37020	RETROFIT CONCRETE BARRIER WALLS	5	07/10/14	07/17/14	0
EB-37030	STRIPING ERADICATION	1	07/20/14	07/20/14	32
EB-37040	REMOVE EXISTING MARKERS	1	07/21/14	07/21/14	32
EB-37050	DEMO CURBS/CONCRETE DITCHLINES	1	07/22/14	07/22/14	32
EB-37060	RIGID PAVEMENT PLANING	3	07/23/14	07/27/14	53
EB-37070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	1	07/28/14	07/28/14	53
EB-37080	REMOVE/ADJUST GUARDRAIL	2	07/30/14	07/31/14	55



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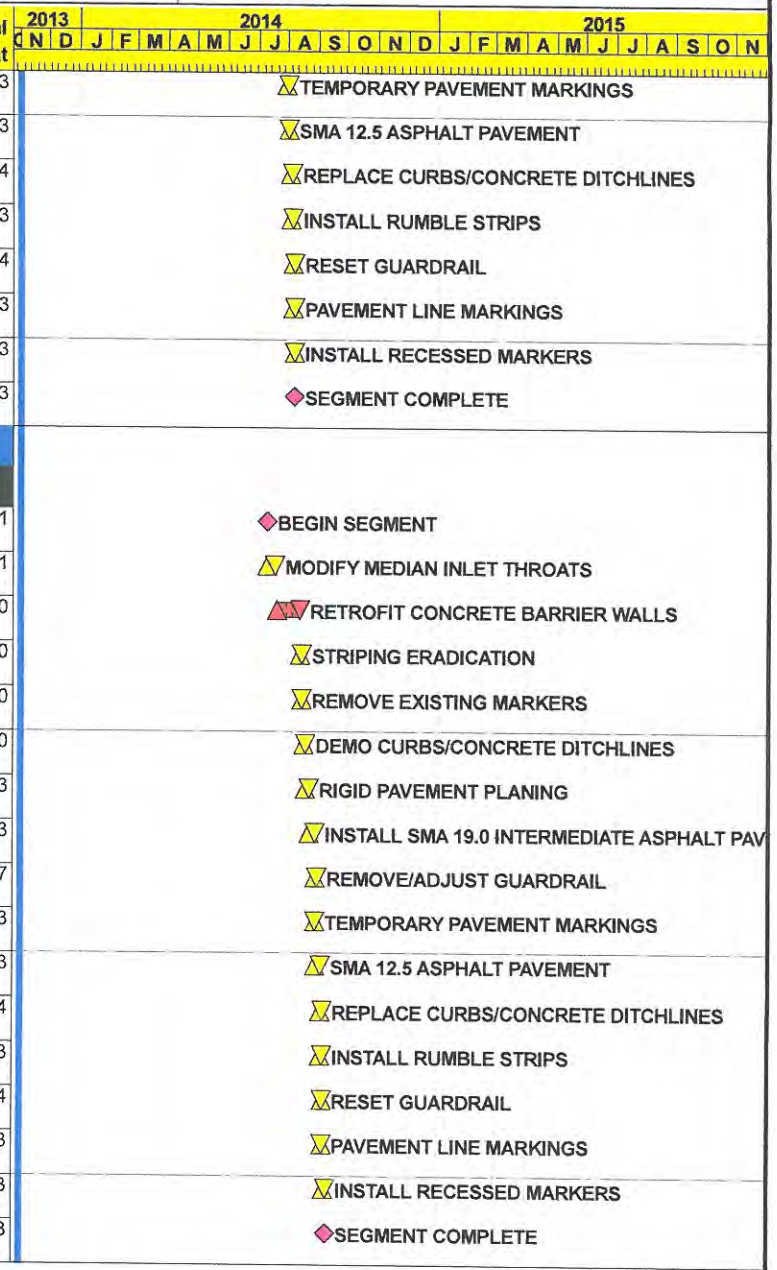
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-37090	TEMPORARY PAVEMENT MARKINGS	1	07/30/14	07/30/14	53
EB-37100	SMA 12.5 ASPHALT PAVEMENT	1	07/31/14	07/31/14	53
EB-37110	REPLACE CURBS/CONCRETE DITCHLINES	1	08/03/14	08/03/14	54
EB-37120	INSTALL RUMBLE STRIPS	1	08/03/14	08/03/14	53
EB-37130	RESET GUARDRAIL	1	08/05/14	08/05/14	54
EB-37140	PAVEMENT LINE MARKINGS	1	08/05/14	08/05/14	53
EB-37150	INSTALL RECESSED MARKERS	1	08/06/14	08/06/14	53
EB-37160	SEGMENT COMPLETE	0		08/06/14	53
EAST BOUND 264 SEGMENT 38					
MAIN ROAD					
EB-38000	BEGIN SEGMENT	0	07/09/14		1
EB-38010	MODIFY MEDIAN INLET THROATS	5	07/09/14	07/16/14	1
EB-38020	RETROFIT CONCRETE BARRIER WALLS	15	07/20/14	08/11/14	0
EB-38030	STRIPING ERADICATION	1	08/13/14	08/13/14	20
EB-38040	REMOVE EXISTING MARKERS	1	08/14/14	08/14/14	20
EB-38050	DEMO CURBS/CONCRETE DITCHLINES	1	08/17/14	08/17/14	20
EB-38060	RIGID PAVEMENT PLANING	3	08/18/14	08/20/14	33
EB-38070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	4	08/21/14	08/26/14	33
EB-38080	REMOVE/ADJUST GUARDRAIL	2	08/27/14	08/28/14	37
EB-38090	TEMPORARY PAVEMENT MARKINGS	1	08/27/14	08/27/14	33
EB-38100	SMA 12.5 ASPHALT PAVEMENT	3	08/28/14	09/02/14	33
EB-38110	REPLACE CURBS/CONCRETE DITCHLINES	1	09/03/14	09/03/14	34
EB-38120	INSTALL RUMBLE STRIPS	1	09/03/14	09/03/14	33
EB-38130	RESET GUARDRAIL	1	09/04/14	09/04/14	34
EB-38140	PAVEMENT LINE MARKINGS	1	09/04/14	09/04/14	33
EB-38150	INSTALL RECESSED MARKERS	1	09/07/14	09/07/14	33
EB-38160	SEGMENT COMPLETE	0		09/07/14	33



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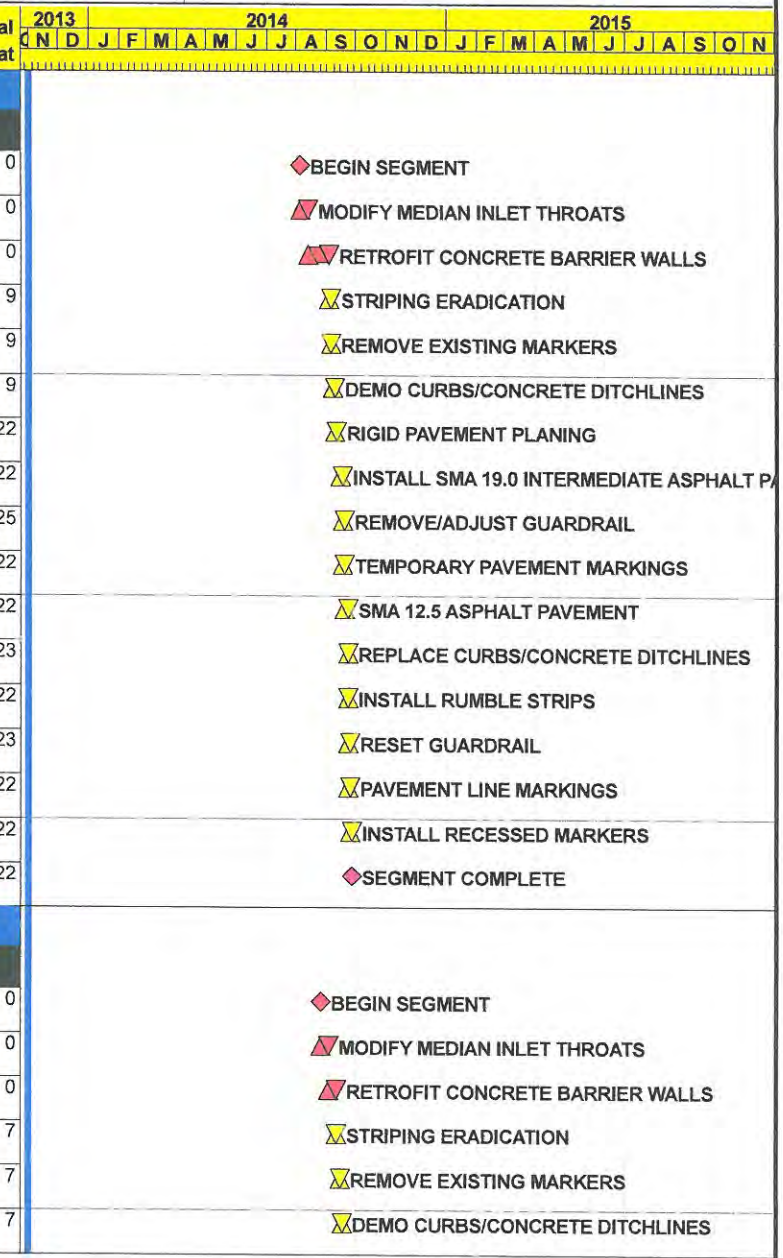
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EAST BOUND 264 SEGMENT 39					
MAIN ROAD					
EB-39000	BEGIN SEGMENT	0	08/05/14		0
EB-39010	MODIFY MEDIAN INLET THROATS	5	08/05/14	08/11/14	0
EB-39020	RETROFIT CONCRETE BARRIER WALLS	14	08/13/14	09/02/14	0
EB-39030	STRIPING ERADICATION	1	09/03/14	09/03/14	9
EB-39040	REMOVE EXISTING MARKERS	1	09/04/14	09/04/14	9
EB-39050	DEMO CURBS/CONCRETE DITCHLINES	1	09/07/14	09/07/14	9
EB-39060	RIGID PAVEMENT PLANING	3	09/08/14	09/10/14	22
EB-39070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	09/14/14	09/16/14	22
EB-39080	REMOVE/ADJUST GUARDRAIL	2	09/17/14	09/18/14	25
EB-39090	TEMPORARY PAVEMENT MARKINGS	1	09/17/14	09/17/14	22
EB-39100	SMA 12.5 ASPHALT PAVEMENT	2	09/18/14	09/21/14	22
EB-39110	REPLACE CURBS/CONCRETE DITCHLINES	1	09/22/14	09/22/14	23
EB-39120	INSTALL RUMBLE STRIPS	1	09/22/14	09/22/14	22
EB-39130	RESET GUARDRAIL	1	09/23/14	09/23/14	23
EB-39140	PAVEMENT LINE MARKINGS	1	09/23/14	09/23/14	22
EB-39150	INSTALL RECESSED MARKERS	1	09/25/14	09/25/14	22
EB-39160	SEGMENT COMPLETE	0		09/25/14	22
WEST BOUND 264 SEGMENT 40					
MAIN ROAD					
WB-40000	BEGIN SEGMENT	0	08/26/14		0
WB-40010	MODIFY MEDIAN INLET THROATS	5	08/26/14	09/02/14	0
WB-40020	RETROFIT CONCRETE BARRIER WALLS	5	09/03/14	09/09/14	0
WB-40030	STRIPING ERADICATION	1	09/10/14	09/10/14	7
WB-40040	REMOVE EXISTING MARKERS	1	09/14/14	09/14/14	7
WB-40050	DEMO CURBS/CONCRETE DITCHLINES	1	09/16/14	09/16/14	7



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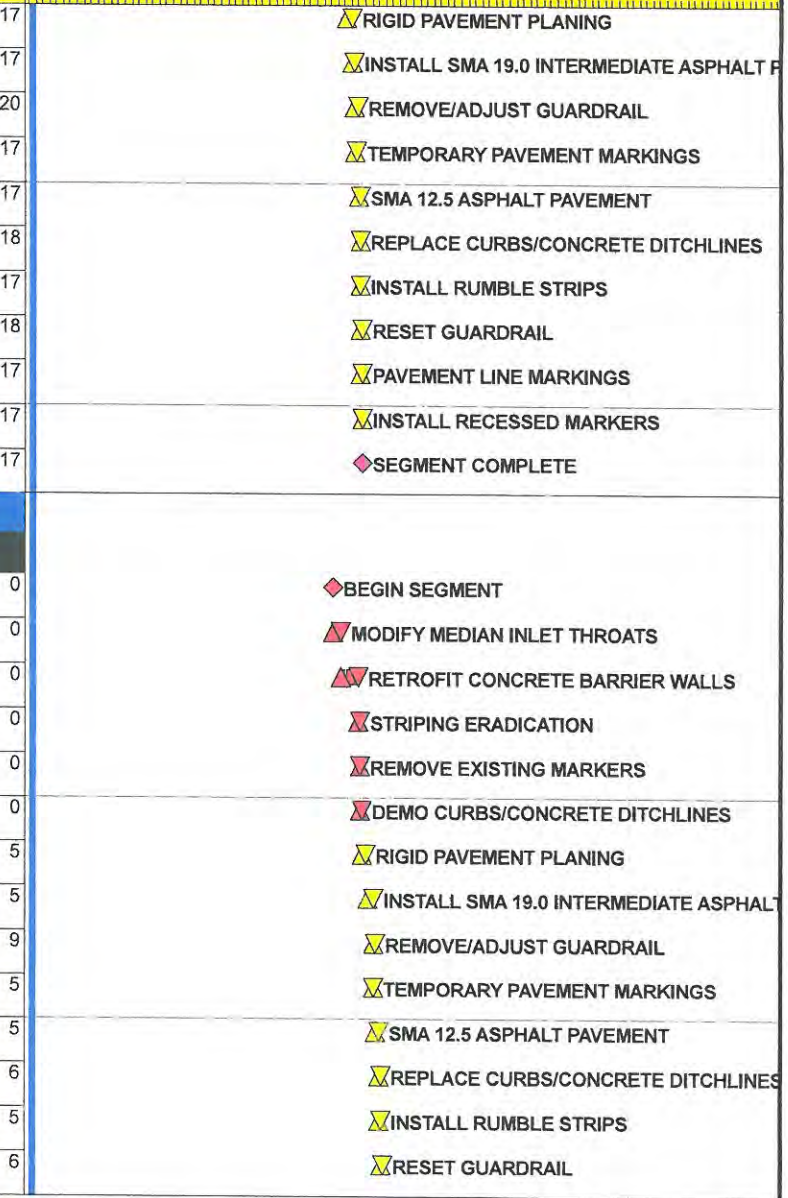
WB-40060	RIGID PAVEMENT PLANING	3	09/17/14	09/21/14	17
WB-40070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	09/22/14	09/23/14	17
WB-40080	REMOVE/ADJUST GUARDRAIL	2	09/25/14	09/28/14	20
WB-40090	TEMPORARY PAVEMENT MARKINGS	1	09/25/14	09/25/14	17
WB-40100	SMA 12.5 ASPHALT PAVEMENT	2	09/28/14	09/29/14	17
WB-40110	REPLACE CURBS/CONCRETE DITCHLINES	1	09/30/14	09/30/14	18
WB-40120	INSTALL RUMBLE STRIPS	1	09/30/14	09/30/14	17
WB-40130	RESET GUARDRAIL	1	10/01/14	10/01/14	18
WB-40140	PAVEMENT LINE MARKINGS	1	10/01/14	10/01/14	17
WB-40150	INSTALL RECESSED MARKERS	1	10/02/14	10/02/14	17
WB-40160	SEGMENT COMPLETE	0		10/02/14	17
WEST BOUND 264 SEGMENT 41					
MAIN ROAD					
WB-41000	BEGIN SEGMENT	0	09/03/14		0
WB-41010	MODIFY MEDIAN INLET THROATS	5	09/03/14	09/09/14	0
WB-41020	RETROFIT CONCRETE BARRIER WALLS	10	09/10/14	09/28/14	0
WB-41030	STRIPING ERADICATION	1	09/29/14	09/29/14	0
WB-41040	REMOVE EXISTING MARKERS	1	09/30/14	09/30/14	0
WB-41050	DEMO CURBS/CONCRETE DITCHLINES	1	10/01/14	10/01/14	0
WB-41060	RIGID PAVEMENT PLANING	3	10/02/14	10/06/14	5
WB-41070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	10/08/14	10/12/14	5
WB-41080	REMOVE/ADJUST GUARDRAIL	2	10/13/14	10/15/14	9
WB-41090	TEMPORARY PAVEMENT MARKINGS	1	10/13/14	10/13/14	5
WB-41100	SMA 12.5 ASPHALT PAVEMENT	3	10/15/14	10/19/14	5
WB-41110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/20/14	10/20/14	6
WB-41120	INSTALL RUMBLE STRIPS	1	10/20/14	10/20/14	5
WB-41130	RESET GUARDRAIL	1	10/22/14	10/22/14	6



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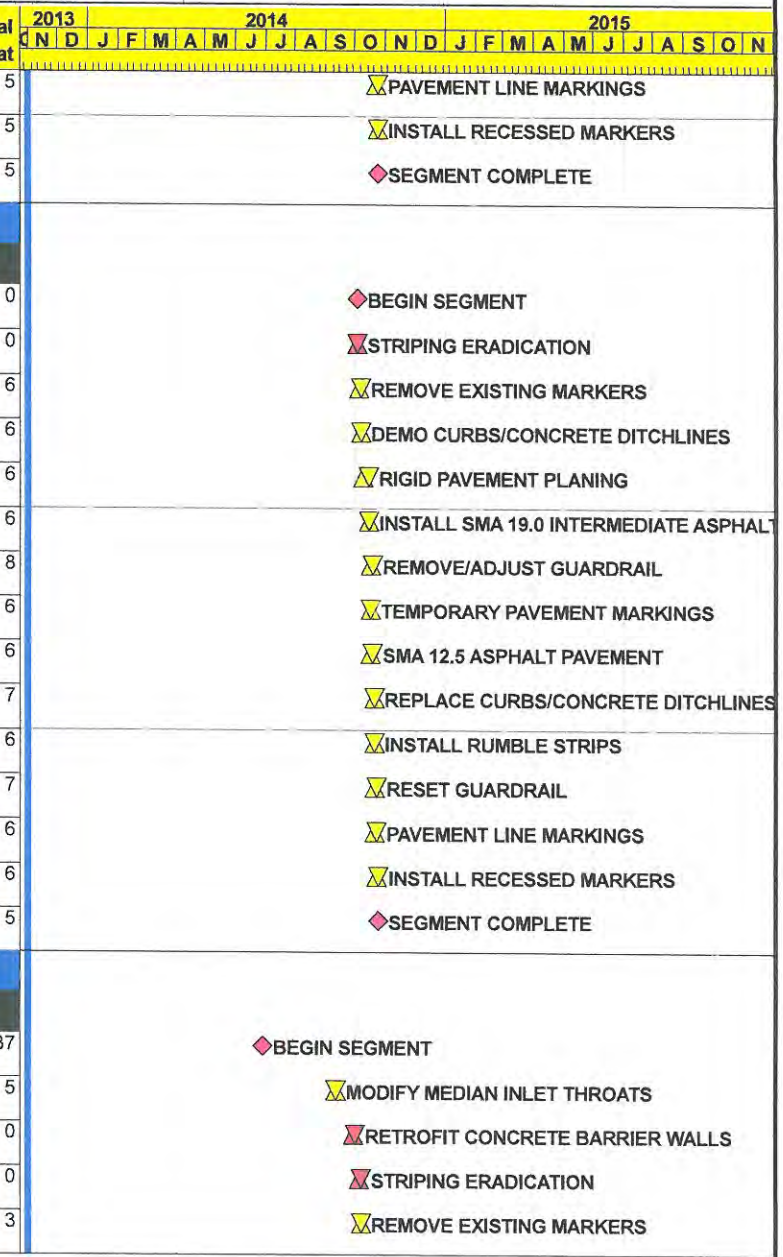
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-41140	PAVEMENT LINE MARKINGS	1	10/22/14	10/22/14	5
WB-41150	INSTALL RECESSED MARKERS	1	10/23/14	10/23/14	5
WB-41160	SEGMENT COMPLETE	0		10/23/14	5
WEST BOUND 264 SEGMENT 42					
MAIN ROAD					
WB-42000	BEGIN SEGMENT	0	10/02/14		0
WB-42030	STRIPING ERADICATION	1	10/02/14	10/02/14	0
WB-42040	REMOVE EXISTING MARKERS	1	10/05/14	10/05/14	6
WB-42050	DEMO CURBS/CONCRETE DITCHLINES	1	10/06/14	10/06/14	6
WB-42060	RIGID PAVEMENT PLANING	3	10/08/14	10/12/14	6
WB-42070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	1	10/13/14	10/13/14	6
WB-42080	REMOVE/ADJUST GUARDRAIL	2	10/15/14	10/16/14	8
WB-42090	TEMPORARY PAVEMENT MARKINGS	1	10/15/14	10/15/14	6
WB-42100	SMA 12.5 ASPHALT PAVEMENT	1	10/16/14	10/16/14	6
WB-42110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/19/14	10/19/14	7
WB-42120	INSTALL RUMBLE STRIPS	1	10/19/14	10/19/14	6
WB-42130	RESET GUARDRAIL	1	10/20/14	10/20/14	7
WB-42140	PAVEMENT LINE MARKINGS	1	10/20/14	10/20/14	6
WB-42150	INSTALL RECESSED MARKERS	1	10/22/14	10/22/14	6
WB-42160	SEGMENT COMPLETE	0		10/23/14	5
WEST BOUND 264 SEGMENT 43					
MAIN ROAD					
WB-43000	BEGIN SEGMENT	0	06/29/14		37
WB-43010	MODIFY MEDIAN INLET THROATS	1	09/10/14	09/10/14	5
WB-43020	RETROFIT CONCRETE BARRIER WALLS	1	09/29/14	09/29/14	0
WB-43030	STRIPING ERADICATION	1	10/05/14	10/05/14	0
WB-43040	REMOVE EXISTING MARKERS	1	10/06/14	10/06/14	3



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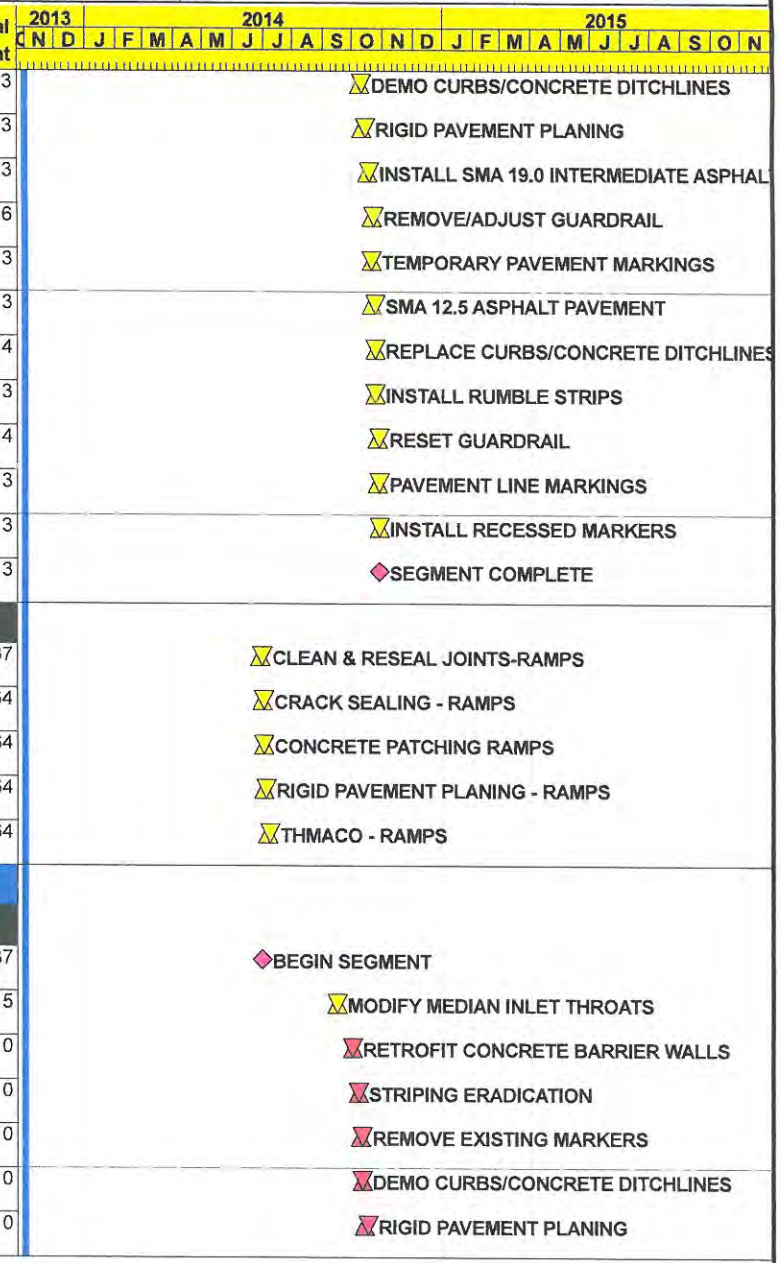
WB-43050	DEMO CURBS/CONCRETE DITCHLINES	1	10/08/14	10/08/14	3
WB-43060	RIGID PAVEMENT PLANING	3	10/09/14	10/13/14	3
WB-43070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	10/15/14	10/16/14	3
WB-43080	REMOVE/ADJUST GUARDRAIL	2	10/19/14	10/20/14	6
WB-43090	TEMPORARY PAVEMENT MARKINGS	1	10/19/14	10/19/14	3
WB-43100	SMA 12.5 ASPHALT PAVEMENT	2	10/20/14	10/22/14	3
WB-43110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/23/14	10/23/14	4
WB-43120	INSTALL RUMBLE STRIPS	1	10/23/14	10/23/14	3
WB-43130	RESET GUARDRAIL	1	10/26/14	10/26/14	4
WB-43140	PAVEMENT LINE MARKINGS	1	10/26/14	10/26/14	3
WB-43150	INSTALL RECESSED MARKERS	1	10/27/14	10/27/14	3
WB-43160	SEGMENT COMPLETE	0		10/27/14	3
RAMPS					
WB-43170	CLEAN & RESEAL JOINTS-RAMPS	1	06/29/14	06/29/14	37
WB-43180	CRACK SEALING - RAMPS	1	06/30/14	06/30/14	64
WB-43190	CONCRETE PATCHING RAMPS	1	07/01/14	07/01/14	64
WB-43200	RIGID PAVEMENT PLANING - RAMPS	1	07/02/14	07/02/14	64
WB-43210	THMACO - RAMPS	1	07/06/14	07/06/14	64
WEST BOUND 264 SEGMENT 44					
MAIN ROAD					
WB-44000	BEGIN SEGMENT	0	06/30/14		37
WB-44010	MODIFY MEDIAN INLET THROATS	1	09/14/14	09/14/14	5
WB-44020	RETROFIT CONCRETE BARRIER WALLS	1	09/30/14	09/30/14	0
WB-44030	STRIPING ERADICATION	1	10/06/14	10/06/14	0
WB-44040	REMOVE EXISTING MARKERS	1	10/08/14	10/08/14	0
WB-44050	DEMO CURBS/CONCRETE DITCHLINES	1	10/09/14	10/09/14	0
WB-44060	RIGID PAVEMENT PLANING	3	10/12/14	10/15/14	0



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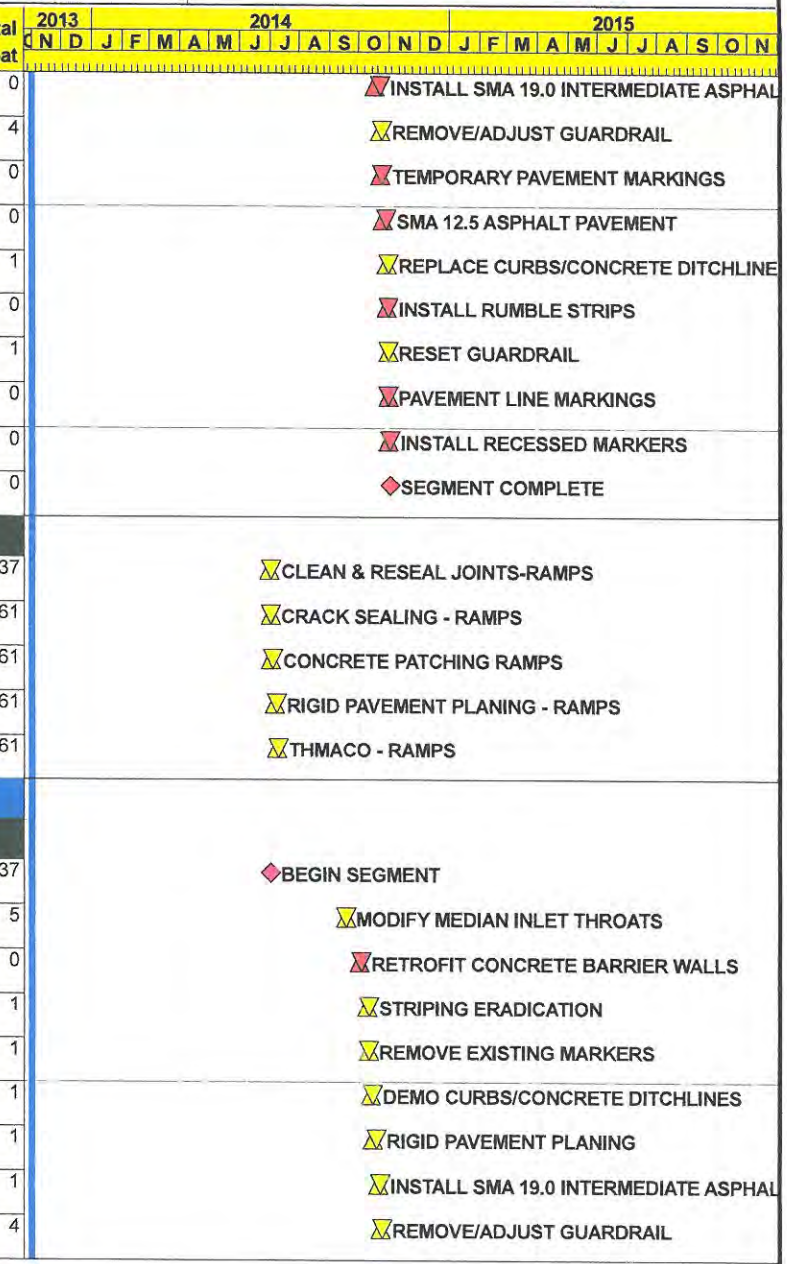
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-44070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	10/16/14	10/20/14	0
WB-44080	REMOVE/ADJUST GUARDRAIL	2	10/22/14	10/23/14	4
WB-44090	TEMPORARY PAVEMENT MARKINGS	1	10/22/14	10/22/14	0
WB-44100	SMA 12.5 ASPHALT PAVEMENT	3	10/23/14	10/27/14	0
WB-44110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/28/14	10/28/14	1
WB-44120	INSTALL RUMBLE STRIPS	1	10/28/14	10/28/14	0
WB-44130	RESET GUARDRAIL	1	10/29/14	10/29/14	1
WB-44140	PAVEMENT LINE MARKINGS	1	10/29/14	10/29/14	0
WB-44150	INSTALL RECESSED MARKERS	1	10/30/14	10/30/14	0
WB-44160	SEGMENT COMPLETE	0		10/30/14	0
RAMPS					
WB-44170	CLEAN & RESEAL JOINTS-RAMPS	1	06/30/14	06/30/14	37
WB-44180	CRACK SEALING - RAMPS	1	07/01/14	07/01/14	61
WB-44190	CONCRETE PATCHING RAMPS	1	07/02/14	07/02/14	61
WB-44200	RIGID PAVEMENT PLANING - RAMPS	1	07/06/14	07/06/14	61
WB-44210	THMACO - RAMPS	1	07/08/14	07/08/14	61
WEST BOUND 264 SEGMENT 45					
MAIN ROAD					
WB-45000	BEGIN SEGMENT	0	07/01/14		37
WB-45010	MODIFY MEDIAN INLET THROATS	1	09/16/14	09/16/14	5
WB-45020	RETROFIT CONCRETE BARRIER WALLS	1	10/01/14	10/01/14	0
WB-45030	STRIPING ERADICATION	1	10/08/14	10/08/14	1
WB-45040	REMOVE EXISTING MARKERS	1	10/09/14	10/09/14	1
WB-45050	DEMO CURBS/CONCRETE DITCHLINES	1	10/12/14	10/12/14	1
WB-45060	RIGID PAVEMENT PLANING	3	10/13/14	10/16/14	1
WB-45070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	10/19/14	10/20/14	1
WB-45080	REMOVE/ADJUST GUARDRAIL	2	10/22/14	10/23/14	4



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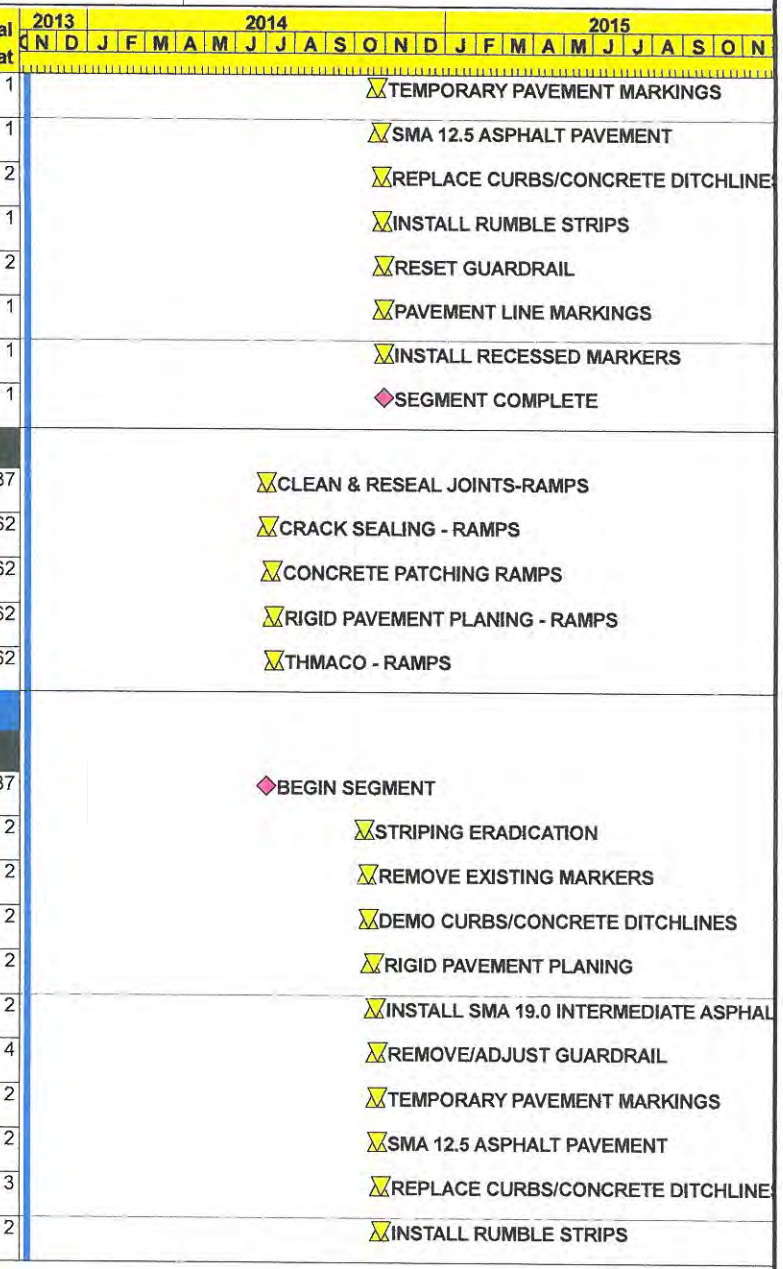
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-45090	TEMPORARY PAVEMENT MARKINGS	1	10/22/14	10/22/14	1
WB-45100	SMA 12.5 ASPHALT PAVEMENT	2	10/23/14	10/26/14	1
WB-45110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/27/14	10/27/14	2
WB-45120	INSTALL RUMBLE STRIPS	1	10/27/14	10/27/14	1
WB-45130	RESET GUARDRAIL	1	10/28/14	10/28/14	2
WB-45140	PAVEMENT LINE MARKINGS	1	10/28/14	10/28/14	1
WB-45150	INSTALL RECESSED MARKERS	1	10/29/14	10/29/14	1
WB-45160	SEGMENT COMPLETE	0		10/29/14	1
RAMPS					
WB-45170	CLEAN & RESEAL JOINTS-RAMPS	1	07/01/14	07/01/14	37
WB-45180	CRACK SEALING - RAMPS	1	07/02/14	07/02/14	62
WB-45190	CONCRETE PATCHING RAMPS	1	07/06/14	07/06/14	62
WB-45200	RIGID PAVEMENT PLANING - RAMPS	1	07/08/14	07/08/14	62
WB-45210	THMACO - RAMPS	1	07/09/14	07/09/14	62
WEST BOUND 264 SEGMENT 46					
MAIN ROAD					
WB-46000	BEGIN SEGMENT	0	07/02/14		37
WB-46030	STRIPING ERADICATION	1	10/09/14	10/09/14	2
WB-46040	REMOVE EXISTING MARKERS	1	10/12/14	10/12/14	2
WB-46050	DEMO CURBS/CONCRETE DITCHLINES	1	10/13/14	10/13/14	2
WB-46060	RIGID PAVEMENT PLANING	3	10/15/14	10/19/14	2
WB-46070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	1	10/20/14	10/20/14	2
WB-46080	REMOVE/ADJUST GUARDRAIL	2	10/22/14	10/23/14	4
WB-46090	TEMPORARY PAVEMENT MARKINGS	1	10/22/14	10/22/14	2
WB-46100	SMA 12.5 ASPHALT PAVEMENT	1	10/23/14	10/23/14	2
WB-46110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/26/14	10/26/14	3
WB-46120	INSTALL RUMBLE STRIPS	1	10/26/14	10/26/14	2



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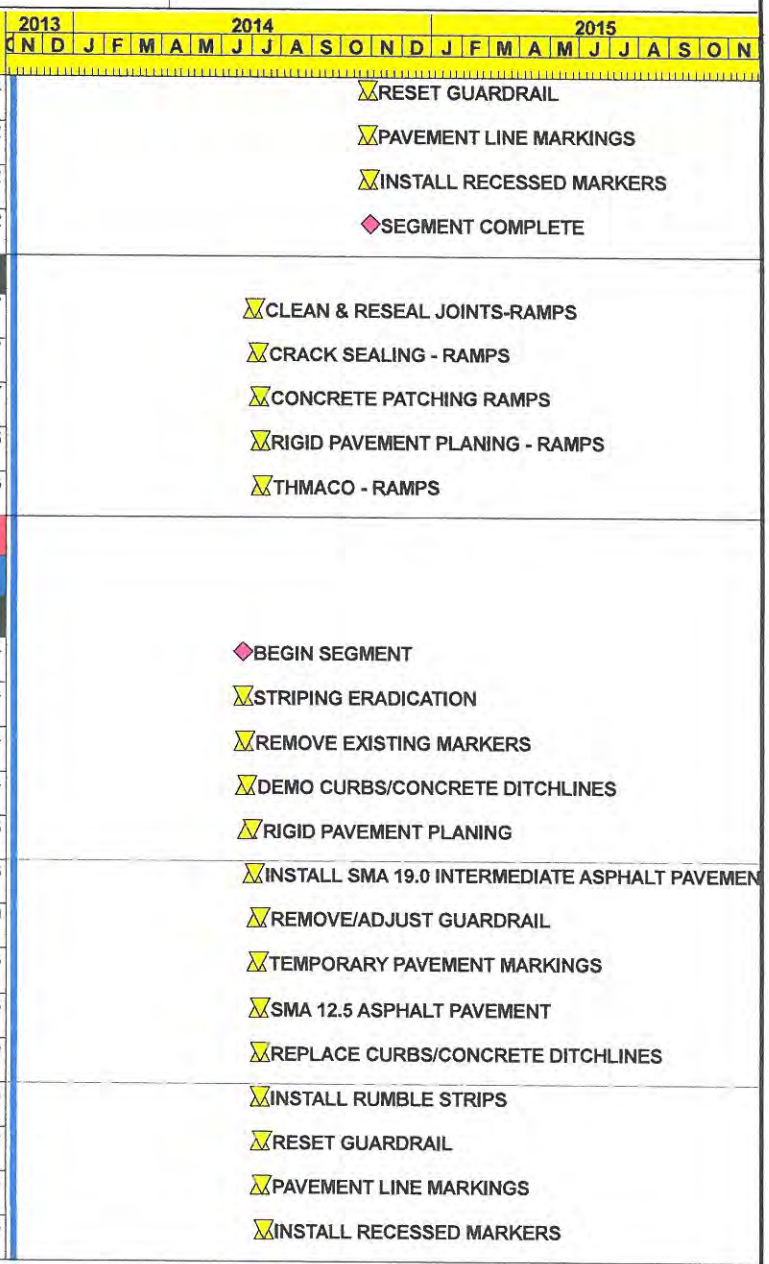
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-46130	RESET GUARDRAIL	1	10/27/14	10/27/14	3
WB-46140	PAVEMENT LINE MARKINGS	1	10/27/14	10/27/14	2
WB-46150	INSTALL RECESSED MARKERS	1	10/28/14	10/28/14	2
WB-46160	SEGMENT COMPLETE	0		10/28/14	2
RAMPS					
WB-46170	CLEAN & RESEAL JOINTS-RAMPS	1	07/02/14	07/02/14	37
WB-46180	CRACK SEALING - RAMPS	1	07/06/14	07/06/14	37
WB-46190	CONCRETE PATCHING RAMPS	1	07/08/14	07/08/14	37
WB-46200	RIGID PAVEMENT PLANING - RAMPS	1	07/09/14	07/09/14	63
WB-46210	THMACO - RAMPS	1	07/10/14	07/10/14	63
INTERSTATE 64					
EAST BOUND 64 SEGMENT 1					
MAIN ROAD					
EB-1000	BEGIN SEGMENT	0	06/22/14		44
EB-1020	STRIPING ERADICATION	1	06/22/14	06/22/14	44
EB-1030	REMOVE EXISTING MARKERS	1	06/23/14	06/23/14	44
EB-1050	DEMO CURBS/CONCRETE DITCHLINES	1	06/25/14	06/25/14	44
EB-1010	RIGID PAVEMENT PLANING	3	06/26/14	06/30/14	68
EB-1080	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	07/01/14	07/02/14	68
EB-1040	REMOVE/ADJUST GUARDRAIL	2	07/06/14	07/08/14	70
EB-1090	TEMPORARY PAVEMENT MARKINGS	1	07/06/14	07/06/14	68
EB-1120	SMA 12.5 ASPHALT PAVEMENT	1	07/08/14	07/08/14	68
EB-1060	REPLACE CURBS/CONCRETE DITCHLINES	1	07/09/14	07/09/14	69
EB-1150	INSTALL RUMBLE STRIPS	1	07/09/14	07/09/14	68
EB-1070	RESET GUARDRAIL	1	07/10/14	07/10/14	69
EB-1130	PAVEMENT LINE MARKINGS	1	07/10/14	07/10/14	68
EB-1140	INSTALL RECESSED MARKERS	1	07/13/14	07/13/14	68



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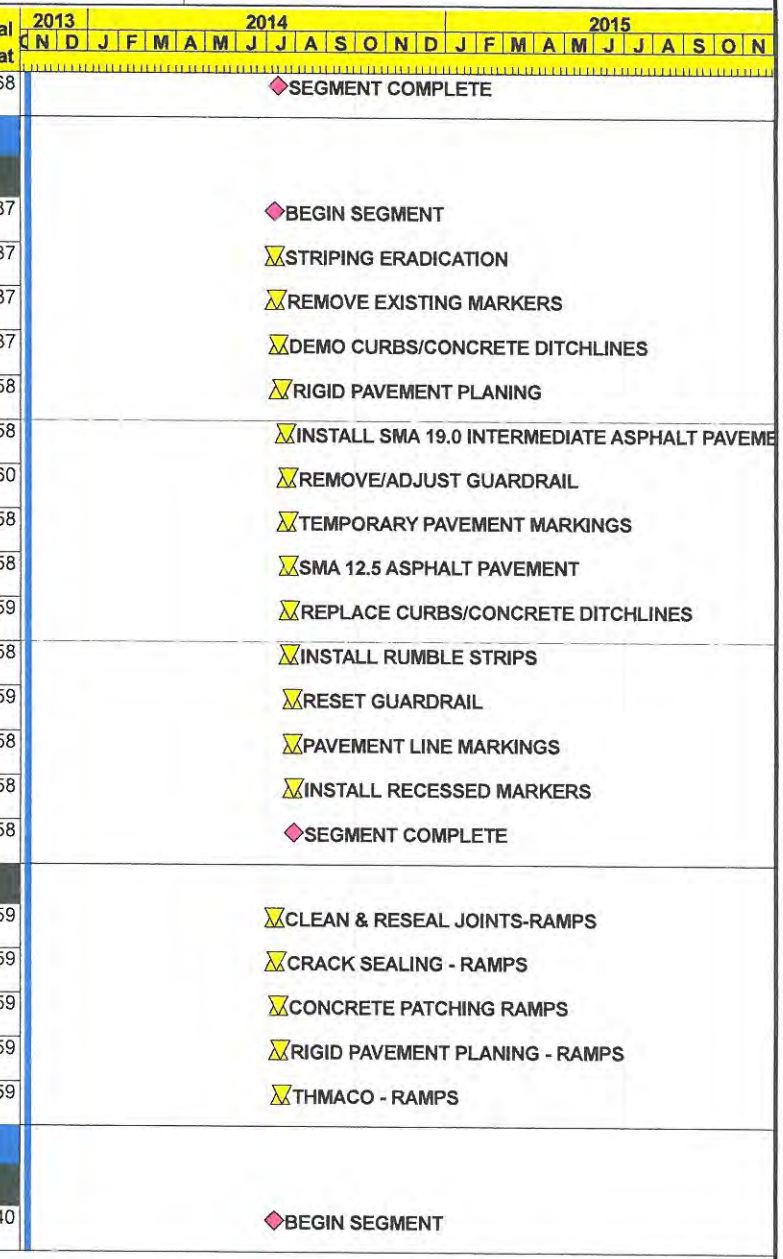
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-1210	SEGMENT COMPLETE	0		07/13/14	68
EAST BOUND 64 SEGMENT 2					
MAIN ROAD					
EB-2000	BEGIN SEGMENT	0	07/09/14		37
EB-2010	STRIPING ERADICATION	1	07/09/14	07/09/14	37
EB-2020	REMOVE EXISTING MARKERS	1	07/10/14	07/10/14	37
EB-2030	DEMO CURBS/CONCRETE DITCHLINES	1	07/13/14	07/13/14	37
EB-2040	RIGID PAVEMENT PLANING	3	07/14/14	07/17/14	58
EB-2050	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	07/20/14	07/21/14	58
EB-2060	REMOVE/ADJUST GUARDRAIL	2	07/22/14	07/23/14	60
EB-2070	TEMPORARY PAVEMENT MARKINGS	1	07/22/14	07/22/14	58
EB-2100	SMA 12.5 ASPHALT PAVEMENT	1	07/23/14	07/23/14	58
EB-2110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/24/14	07/24/14	59
EB-2120	INSTALL RUMBLE STRIPS	1	07/24/14	07/24/14	58
EB-2130	RESET GUARDRAIL	1	07/27/14	07/27/14	59
EB-2140	PAVEMENT LINE MARKINGS	1	07/27/14	07/27/14	58
EB-2150	INSTALL RECESSED MARKERS	1	07/28/14	07/28/14	58
EB-2160	SEGMENT COMPLETE	0		07/28/14	58
RAMPS					
EB-2170	CLEAN & RESEAL JOINTS-RAMPS	1	07/09/14	07/09/14	59
EB-2180	CRACK SEALING - RAMPS	1	07/10/14	07/10/14	59
EB-2190	CONCRETE PATCHING RAMPS	1	07/13/14	07/13/14	59
EB-2200	RIGID PAVEMENT PLANING - RAMPS	1	07/14/14	07/14/14	59
EB-2210	THMACO - RAMPS	1	07/16/14	07/16/14	59
EAST BOUND 64 SEGMENT 3					
MAIN ROAD					
EB-3000	BEGIN SEGMENT	0	07/09/14		40



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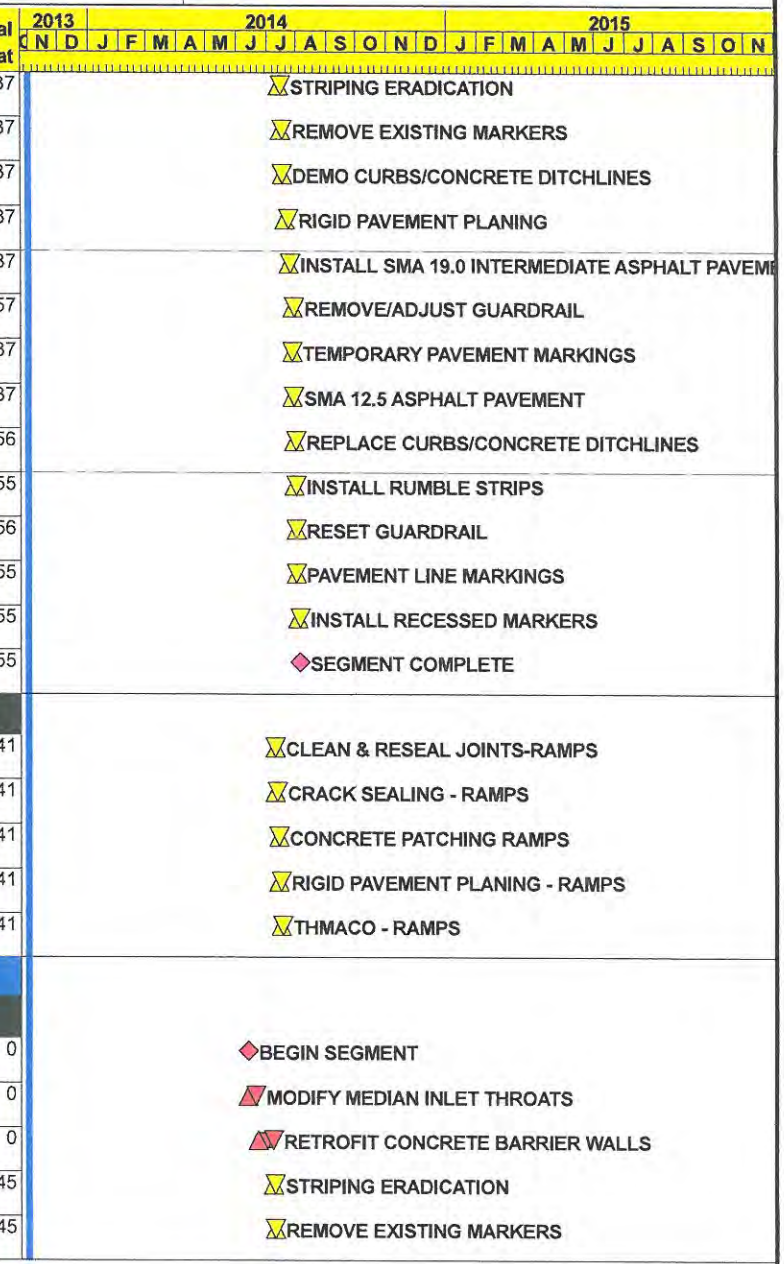
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-3030	STRIPING ERADICATION	1	07/14/14	07/14/14	37
EB-3040	REMOVE EXISTING MARKERS	1	07/16/14	07/16/14	37
EB-3050	DEMO CURBS/CONCRETE DITCHLINES	1	07/17/14	07/17/14	37
EB-3060	RIGID PAVEMENT PLANING	3	07/20/14	07/22/14	37
EB-3070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	07/23/14	07/24/14	37
EB-3080	REMOVE/ADJUST GUARDRAIL	2	07/27/14	07/28/14	57
EB-3090	TEMPORARY PAVEMENT MARKINGS	1	07/27/14	07/27/14	37
EB-3100	SMA 12.5 ASPHALT PAVEMENT	1	07/28/14	07/28/14	37
EB-3110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/30/14	07/30/14	56
EB-3120	INSTALL RUMBLE STRIPS	1	07/30/14	07/30/14	55
EB-3130	RESET GUARDRAIL	1	07/31/14	07/31/14	56
EB-3140	PAVEMENT LINE MARKINGS	1	07/31/14	07/31/14	55
EB-3150	INSTALL RECESSED MARKERS	1	08/03/14	08/03/14	55
EB-3160	SEGMENT COMPLETE	0		08/03/14	55
RAMPS					
EB-3170	CLEAN & RESEAL JOINTS-RAMPS	1	07/09/14	07/09/14	41
EB-3180	CRACK SEALING - RAMPS	1	07/10/14	07/10/14	41
EB-3190	CONCRETE PATCHING RAMPS	1	07/13/14	07/13/14	41
EB-3200	RIGID PAVEMENT PLANING - RAMPS	1	07/14/14	07/14/14	41
EB-3210	THMACO - RAMPS	1	07/16/14	07/16/14	41
EAST BOUND 64 SEGMENT 4					
MAIN ROAD					
EB-4000	BEGIN SEGMENT	0	06/12/14		0
EB-4010	MODIFY MEDIAN INLET THROATS	5	06/12/14	06/19/14	0
EB-4020	RETROFIT CONCRETE BARRIER WALLS	9	06/22/14	07/06/14	0
EB-4030	STRIPING ERADICATION	1	07/08/14	07/08/14	45
EB-4040	REMOVE EXISTING MARKERS	1	07/09/14	07/09/14	45



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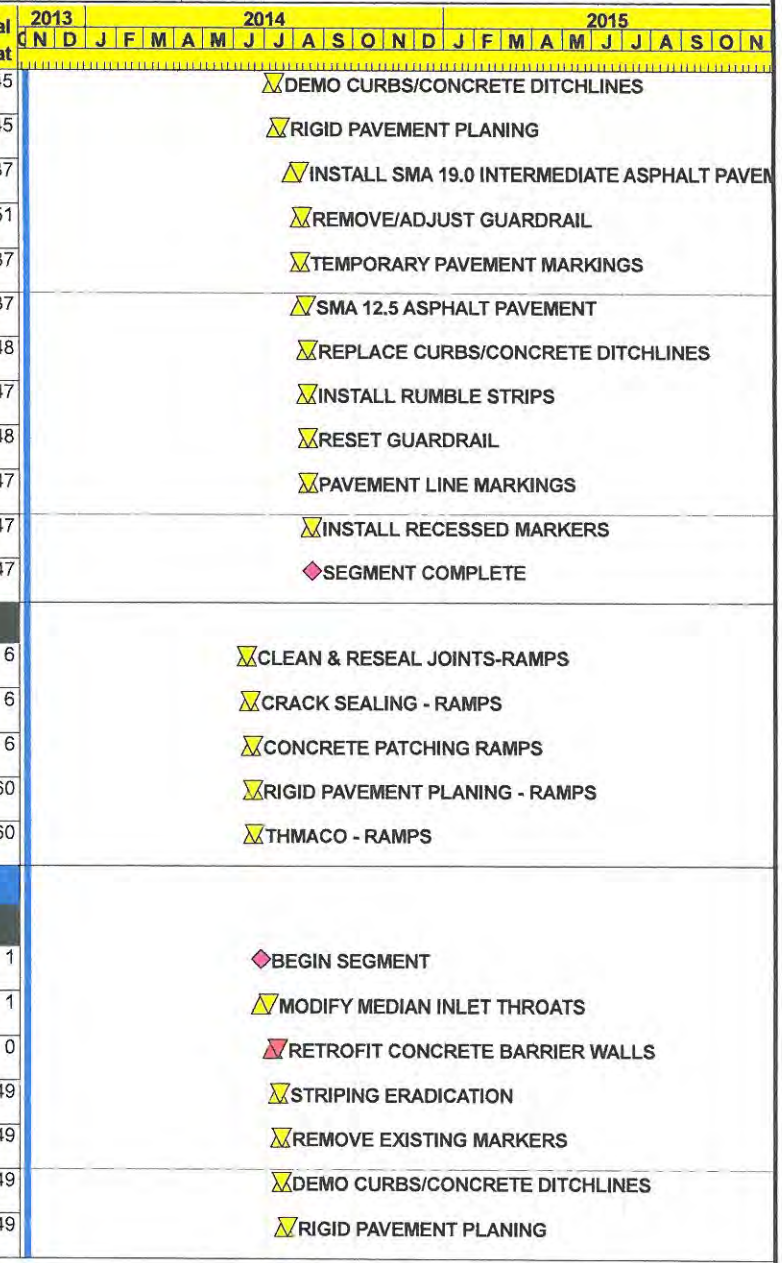
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-4050	DEMO CURBS/CONCRETE DITCHLINES	1	07/10/14	07/10/14	45
EB-4060	RIGID PAVEMENT PLANING	3	07/13/14	07/16/14	45
EB-4070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	4	07/30/14	08/05/14	37
EB-4080	REMOVE/ADJUST GUARDRAIL	2	08/06/14	08/07/14	51
EB-4090	TEMPORARY PAVEMENT MARKINGS	1	08/06/14	08/06/14	37
EB-4100	SMA 12.5 ASPHALT PAVEMENT	3	08/07/14	08/11/14	37
EB-4110	REPLACE CURBS/CONCRETE DITCHLINES	1	08/13/14	08/13/14	48
EB-4120	INSTALL RUMBLE STRIPS	1	08/13/14	08/13/14	47
EB-4130	RESET GUARDRAIL	1	08/14/14	08/14/14	48
EB-4140	PAVEMENT LINE MARKINGS	1	08/14/14	08/14/14	47
EB-4150	INSTALL RECESSED MARKERS	1	08/17/14	08/17/14	47
EB-4160	SEGMENT COMPLETE	0		08/17/14	47
RAMPS					
EB-4170	CLEAN & RESEAL JOINTS-RAMPS	1	06/12/14	06/12/14	6
EB-4180	CRACK SEALING - RAMPS	1	06/15/14	06/15/14	6
EB-4190	CONCRETE PATCHING RAMPS	1	06/17/14	06/17/14	6
EB-4200	RIGID PAVEMENT PLANING - RAMPS	1	06/18/14	06/18/14	60
EB-4210	THMACO - RAMPS	1	06/19/14	06/19/14	60
EAST BOUND 64 SEGMENT 5					
MAIN ROAD					
EB-5000	BEGIN SEGMENT	0	06/26/14		1
EB-5010	MODIFY MEDIAN INLET THROATS	5	06/26/14	07/02/14	1
EB-5020	RETROFIT CONCRETE BARRIER WALLS	4	07/08/14	07/13/14	0
EB-5030	STRIPING ERADICATION	1	07/14/14	07/14/14	49
EB-5040	REMOVE EXISTING MARKERS	1	07/16/14	07/16/14	49
EB-5050	DEMO CURBS/CONCRETE DITCHLINES	1	07/17/14	07/17/14	49
EB-5060	RIGID PAVEMENT PLANING	3	07/20/14	07/22/14	49



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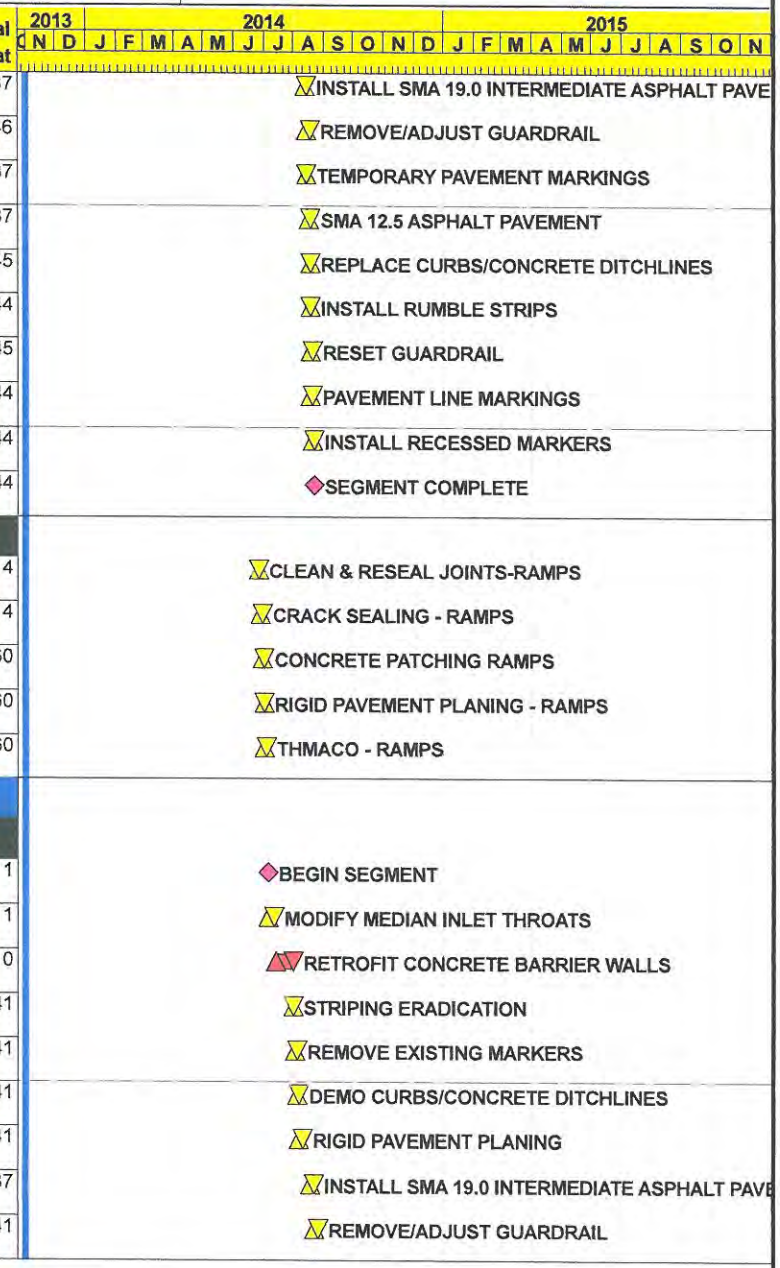
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-5070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	1	08/13/14	08/13/14	37
EB-5080	REMOVE/ADJUST GUARDRAIL	2	08/14/14	08/17/14	46
EB-5090	TEMPORARY PAVEMENT MARKINGS	1	08/14/14	08/14/14	37
EB-5100	SMA 12.5 ASPHALT PAVEMENT	1	08/17/14	08/17/14	37
EB-5110	REPLACE CURBS/CONCRETE DITCHLINES	1	08/18/14	08/18/14	45
EB-5120	INSTALL RUMBLE STRIPS	1	08/18/14	08/18/14	44
EB-5130	RESET GUARDRAIL	1	08/19/14	08/19/14	45
EB-5140	PAVEMENT LINE MARKINGS	1	08/19/14	08/19/14	44
EB-5150	INSTALL RECESSED MARKERS	1	08/20/14	08/20/14	44
EB-5160	SEGMENT COMPLETE	0		08/20/14	44
RAMPS					
EB-5170	CLEAN & RESEAL JOINTS-RAMPS	1	06/26/14	06/26/14	14
EB-5180	CRACK SEALING - RAMPS	1	06/29/14	06/29/14	14
EB-5190	CONCRETE PATCHING RAMPS	1	06/30/14	06/30/14	60
EB-5200	RIGID PAVEMENT PLANING - RAMPS	1	07/01/14	07/01/14	60
EB-5210	THMACO - RAMPS	1	07/02/14	07/02/14	60
EAST BOUND 64 SEGMENT 6					
MAIN ROAD					
EB-6000	BEGIN SEGMENT	0	07/06/14		1
EB-6010	MODIFY MEDIAN INLET THROATS	4	07/06/14	07/10/14	1
EB-6020	RETROFIT CONCRETE BARRIER WALLS	11	07/14/14	07/30/14	0
EB-6030	STRIPING ERADICATION	1	07/31/14	07/31/14	41
EB-6040	REMOVE EXISTING MARKERS	1	08/03/14	08/03/14	41
EB-6050	DEMO CURBS/CONCRETE DITCHLINES	1	08/05/14	08/05/14	41
EB-6060	RIGID PAVEMENT PLANING	3	08/06/14	08/10/14	41
EB-6070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	08/18/14	08/20/14	37
EB-6080	REMOVE/ADJUST GUARDRAIL	2	08/21/14	08/24/14	41



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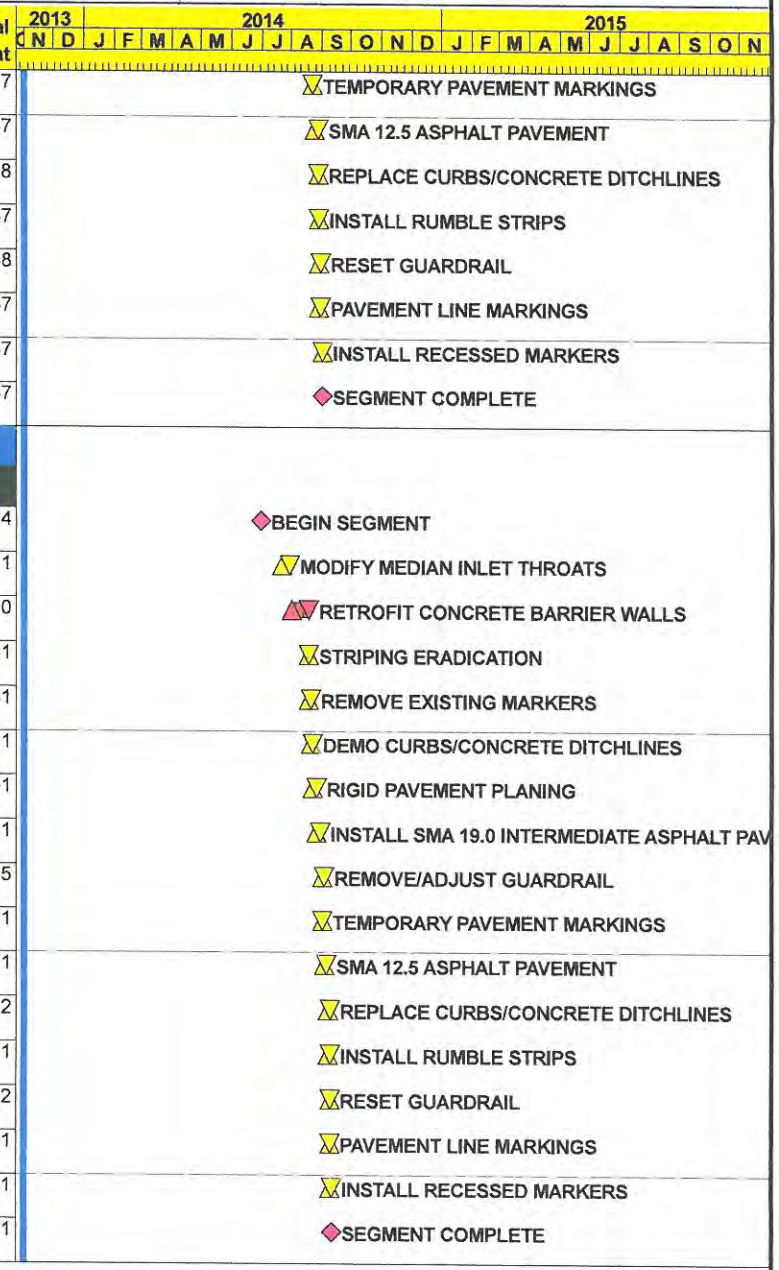
EB-6090	TEMPORARY PAVEMENT MARKINGS	1	08/21/14	08/21/14	37
EB-6100	SMA 12.5 ASPHALT PAVEMENT	3	08/24/14	08/26/14	37
EB-6110	REPLACE CURBS/CONCRETE DITCHLINES	1	08/27/14	08/27/14	38
EB-6120	INSTALL RUMBLE STRIPS	1	08/27/14	08/27/14	37
EB-6130	RESET GUARDRAIL	1	08/28/14	08/28/14	38
EB-6140	PAVEMENT LINE MARKINGS	1	08/28/14	08/28/14	37
EB-6150	INSTALL RECESSED MARKERS	1	08/31/14	08/31/14	37
EB-6160	SEGMENT COMPLETE	0		08/31/14	37
EAST BOUND 64 SEGMENT 7					
MAIN ROAD					
EB-7000	BEGIN SEGMENT	0	06/30/14		14
EB-7010	MODIFY MEDIAN INLET THROATS	5	07/22/14	07/28/14	1
EB-7020	RETROFIT CONCRETE BARRIER WALLS	10	07/31/14	08/17/14	0
EB-7030	STRIPING ERADICATION	1	08/18/14	08/18/14	31
EB-7040	REMOVE EXISTING MARKERS	1	08/19/14	08/19/14	31
EB-7050	DEMO CURBS/CONCRETE DITCHLINES	1	08/20/14	08/20/14	31
EB-7060	RIGID PAVEMENT PLANING	3	08/21/14	08/25/14	31
EB-7070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	08/26/14	08/28/14	31
EB-7080	REMOVE/ADJUST GUARDRAIL	2	08/31/14	09/02/14	35
EB-7090	TEMPORARY PAVEMENT MARKINGS	1	08/31/14	08/31/14	31
EB-7100	SMA 12.5 ASPHALT PAVEMENT	3	09/02/14	09/04/14	31
EB-7110	REPLACE CURBS/CONCRETE DITCHLINES	1	09/07/14	09/07/14	32
EB-7120	INSTALL RUMBLE STRIPS	1	09/07/14	09/07/14	31
EB-7130	RESET GUARDRAIL	1	09/08/14	09/08/14	32
EB-7140	PAVEMENT LINE MARKINGS	1	09/08/14	09/08/14	31
EB-7150	INSTALL RECESSED MARKERS	1	09/09/14	09/09/14	31
EB-7160	SEGMENT COMPLETE	0		09/09/14	31



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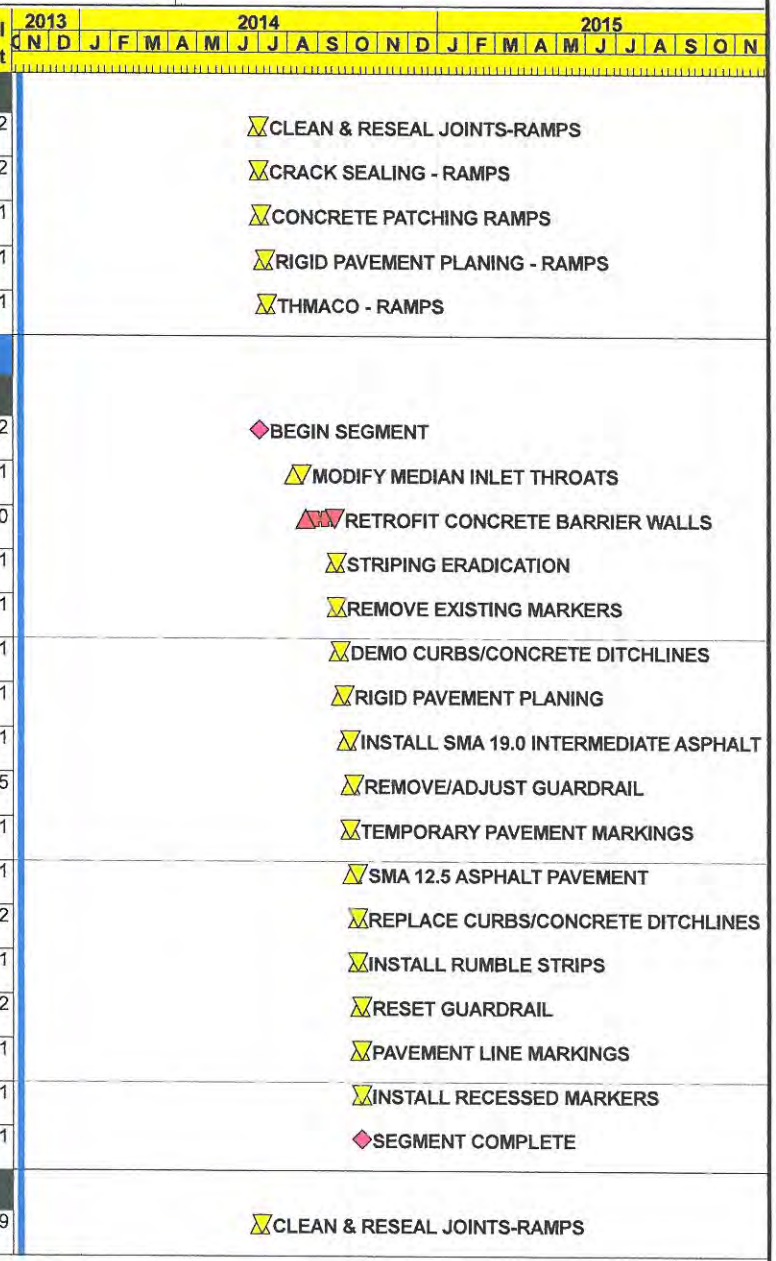
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
RAMPS					
EB-7170	CLEAN & RESEAL JOINTS-RAMPS	1	06/30/14	06/30/14	22
EB-7180	CRACK SEALING - RAMPS	1	07/01/14	07/01/14	22
EB-7190	CONCRETE PATCHING RAMPS	1	07/02/14	07/02/14	61
EB-7200	RIGID PAVEMENT PLANING - RAMPS	1	07/06/14	07/06/14	61
EB-7210	THMACO - RAMPS	1	07/08/14	07/08/14	61
EAST BOUND 64 SEGMENT 8					
MAIN ROAD					
EB-8000	BEGIN SEGMENT	0	07/02/14		22
EB-8010	MODIFY MEDIAN INLET THROATS	5	08/07/14	08/14/14	1
EB-8020	RETROFIT CONCRETE BARRIER WALLS	19	08/18/14	09/16/14	0
EB-8030	STRIPING ERADICATION	1	09/17/14	09/17/14	11
EB-8040	REMOVE EXISTING MARKERS	1	09/18/14	09/18/14	11
EB-8050	DEMO CURBS/CONCRETE DITCHLINES	1	09/21/14	09/21/14	11
EB-8060	RIGID PAVEMENT PLANING	3	09/22/14	09/25/14	11
EB-8070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	4	09/28/14	10/01/14	11
EB-8080	REMOVE/ADJUST GUARDRAIL	2	10/02/14	10/05/14	15
EB-8090	TEMPORARY PAVEMENT MARKINGS	1	10/02/14	10/02/14	11
EB-8100	SMA 12.5 ASPHALT PAVEMENT	3	10/05/14	10/08/14	11
EB-8110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/09/14	10/09/14	12
EB-8120	INSTALL RUMBLE STRIPS	1	10/09/14	10/09/14	11
EB-8130	RESET GUARDRAIL	1	10/12/14	10/12/14	12
EB-8140	PAVEMENT LINE MARKINGS	1	10/12/14	10/12/14	11
EB-8150	INSTALL RECESSED MARKERS	1	10/13/14	10/13/14	11
EB-8160	SEGMENT COMPLETE	0		10/13/14	11
RAMPS					
EB-8170	CLEAN & RESEAL JOINTS-RAMPS	1	07/02/14	07/02/14	39



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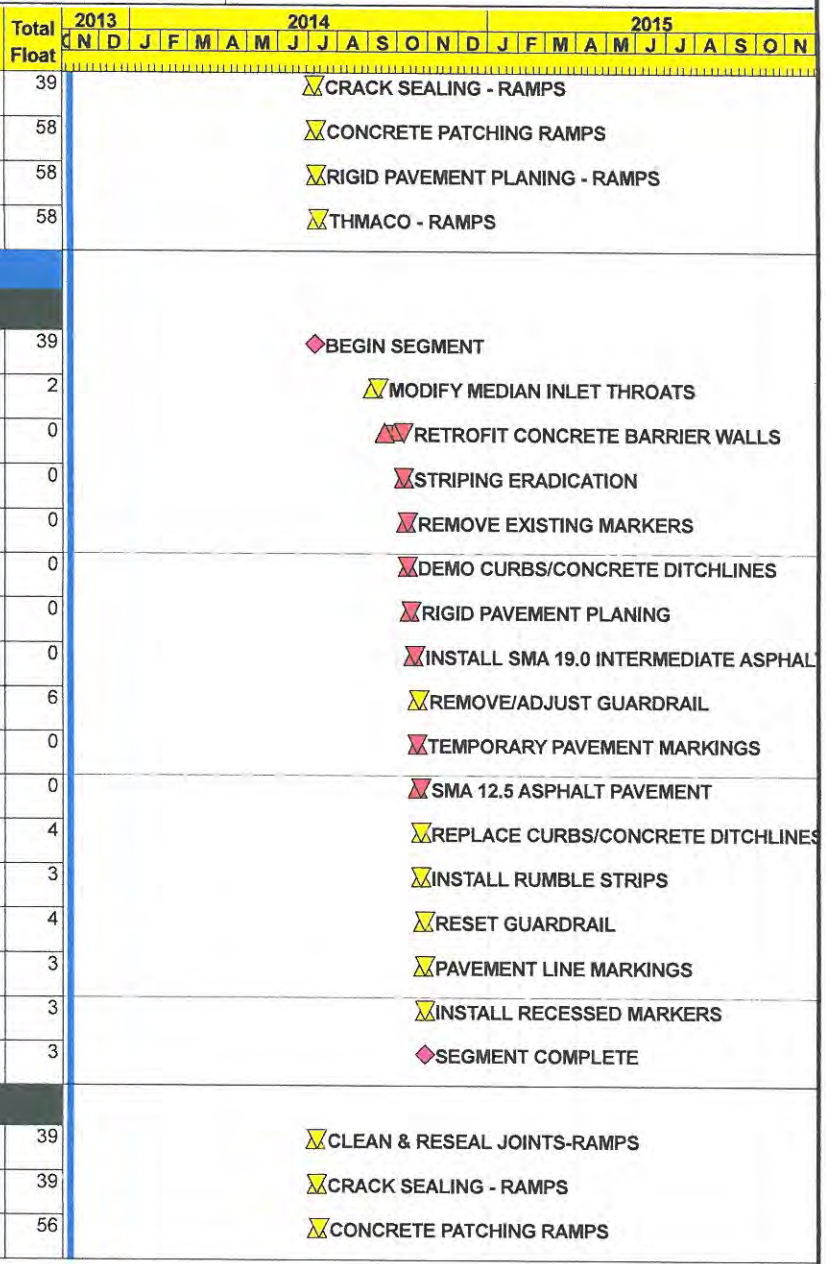
File Name: BD65
Filter: All
Layout: SCHEDULE DEVELOPMENT

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-8180	CRACK SEALING - RAMPS	1	07/06/14	07/06/14	39
EB-8190	CONCRETE PATCHING RAMPS	1	07/08/14	07/08/14	58
EB-8200	RIGID PAVEMENT PLANING - RAMPS	1	07/09/14	07/09/14	58
EB-8210	THMACO - RAMPS	1	07/10/14	07/10/14	58
EAST BOUND 64 SEGMENT 9					
MAIN ROAD					
EB-9000	BEGIN SEGMENT	0	07/08/14		39
EB-9010	MODIFY MEDIAN INLET THROATS	5	09/04/14	09/10/14	2
EB-9020	RETROFIT CONCRETE BARRIER WALLS	12	09/17/14	10/05/14	0
EB-9030	STRIPING ERADICATION	1	10/06/14	10/06/14	0
EB-9040	REMOVE EXISTING MARKERS	1	10/08/14	10/08/14	0
EB-9050	DEMO CURBS/CONCRETE DITCHLINES	1	10/09/14	10/09/14	0
EB-9060	RIGID PAVEMENT PLANING	2	10/12/14	10/13/14	0
EB-9070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	10/15/14	10/16/14	0
EB-9080	REMOVE/ADJUST GUARDRAIL	2	10/19/14	10/20/14	6
EB-9090	TEMPORARY PAVEMENT MARKINGS	1	10/19/14	10/19/14	0
EB-9100	SMA 12.5 ASPHALT PAVEMENT	2	10/20/14	10/22/14	0
EB-9110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/23/14	10/23/14	4
EB-9120	INSTALL RUMBLE STRIPS	1	10/23/14	10/23/14	3
EB-9130	RESET GUARDRAIL	1	10/26/14	10/26/14	4
EB-9140	PAVEMENT LINE MARKINGS	1	10/26/14	10/26/14	3
EB-9150	INSTALL RECESSED MARKERS	1	10/27/14	10/27/14	3
EB-9160	SEGMENT COMPLETE	0		10/27/14	3
RAMPS					
EB-9170	CLEAN & RESEAL JOINTS-RAMPS	1	07/08/14	07/08/14	39
EB-9180	CRACK SEALING - RAMPS	1	07/09/14	07/09/14	39
EB-9190	CONCRETE PATCHING RAMPS	1	07/10/14	07/10/14	56



Start Date 10/31/13
Finish Date 11/08/15
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File Name: BD65
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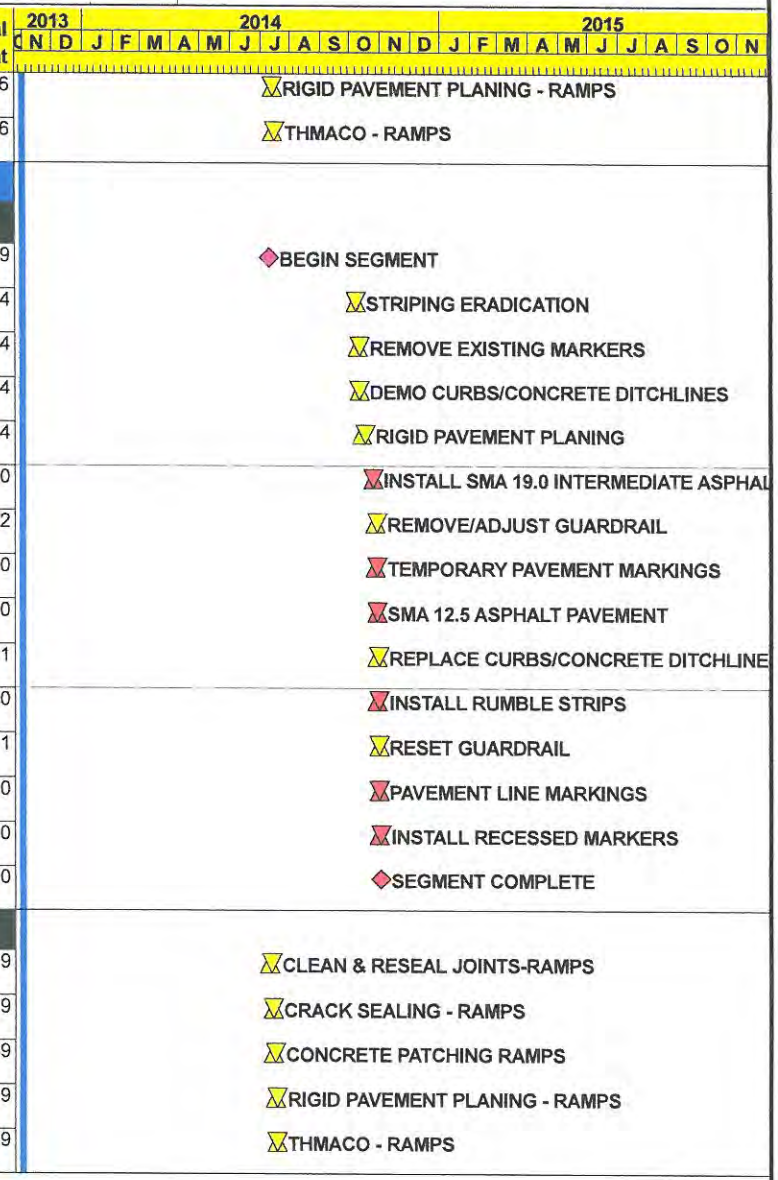
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-9200	RIGID PAVEMENT PLANING - RAMPS	1	07/13/14	07/13/14	56
EB-9210	THMACO - RAMPS	1	07/14/14	07/14/14	56
EAST BOUND 64 SEGMENT 10					
MAIN ROAD					
EB-10000	BEGIN SEGMENT	0	07/10/14		39
EB-10030	STRIPING ERADICATION	1	10/06/14	10/06/14	4
EB-10040	REMOVE EXISTING MARKERS	1	10/08/14	10/08/14	4
EB-10050	DEMO CURBS/CONCRETE DITCHLINES	1	10/09/14	10/09/14	4
EB-10060	RIGID PAVEMENT PLANING	3	10/12/14	10/15/14	4
EB-10070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	1	10/23/14	10/23/14	0
EB-10080	REMOVE/ADJUST GUARDRAIL	2	10/26/14	10/27/14	2
EB-10090	TEMPORARY PAVEMENT MARKINGS	1	10/26/14	10/26/14	0
EB-10100	SMA 12.5 ASPHALT PAVEMENT	1	10/27/14	10/27/14	0
EB-10110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/28/14	10/28/14	1
EB-10120	INSTALL RUMBLE STRIPS	1	10/28/14	10/28/14	0
EB-10130	RESET GUARDRAIL	1	10/29/14	10/29/14	1
EB-10140	PAVEMENT LINE MARKINGS	1	10/29/14	10/29/14	0
EB-10150	INSTALL RECESSED MARKERS	1	10/30/14	10/30/14	0
EB-10160	SEGMENT COMPLETE	0		10/30/14	0
RAMPS					
EB-10170	CLEAN & RESEAL JOINTS-RAMPS	1	07/10/14	07/10/14	39
EB-10180	CRACK SEALING - RAMPS	1	07/13/14	07/13/14	39
EB-10190	CONCRETE PATCHING RAMPS	1	07/14/14	07/14/14	59
EB-10200	RIGID PAVEMENT PLANING - RAMPS	1	07/16/14	07/16/14	59
EB-10210	THMACO - RAMPS	1	07/17/14	07/17/14	59



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File Name: BD65
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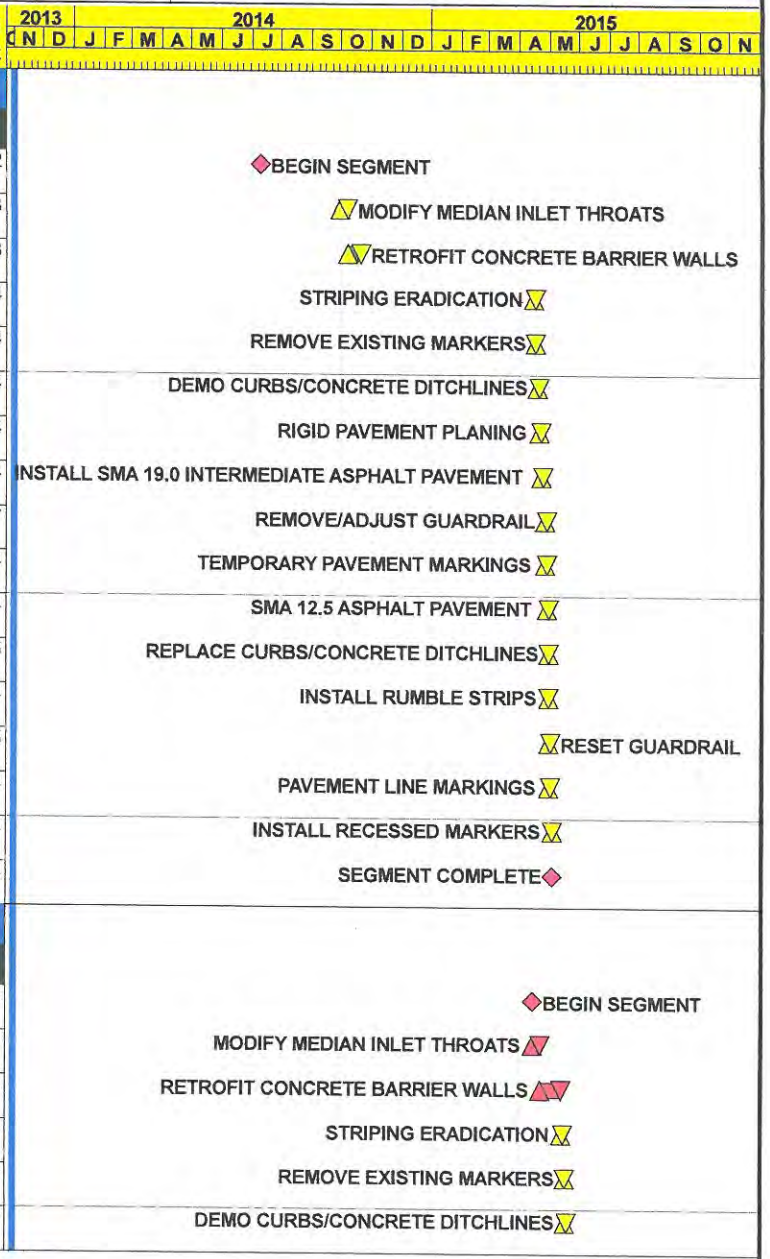
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EAST BOUND 64 SEGMENT 11					
MAIN ROAD					
EB-11000	BEGIN SEGMENT	0	07/10/14		72
EB-11010	MODIFY MEDIAN INLET THROATS	5	09/29/14	10/05/14	23
EB-11020	RETROFIT CONCRETE BARRIER WALLS	8	10/06/14	10/19/14	23
EB-11030	STRIPING ERADICATION	1	04/15/15*	04/15/15	114
EB-11040	REMOVE EXISTING MARKERS	1	04/16/15	04/16/15	114
EB-11050	DEMO CURBS/CONCRETE DITCHLINES	1	04/19/15	04/19/15	114
EB-11060	RIGID PAVEMENT PLANING	3	04/20/15	04/22/15	114
EB-11070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	1	04/23/15	04/23/15	114
EB-11080	REMOVE/ADJUST GUARDRAIL	2	04/26/15	04/27/15	117
EB-11090	TEMPORARY PAVEMENT MARKINGS	1	04/26/15	04/26/15	114
EB-11100	SMA 12.5 ASPHALT PAVEMENT	2	04/27/15	04/28/15	114
EB-11110	REPLACE CURBS/CONCRETE DITCHLINES	1	04/29/15	04/29/15	115
EB-11120	INSTALL RUMBLE STRIPS	1	04/29/15	04/29/15	114
EB-11130	RESET GUARDRAIL	1	04/30/15	04/30/15	115
EB-11140	PAVEMENT LINE MARKINGS	1	04/30/15	04/30/15	114
EB-11150	INSTALL RECESSED MARKERS	1	05/03/15	05/03/15	114
EB-11160	SEGMENT COMPLETE	0		05/03/15	114
EAST BOUND 64 SEGMENT 12					
MAIN ROAD					
EB-12000	BEGIN SEGMENT	0	04/15/15*		0
EB-12010	MODIFY MEDIAN INLET THROATS	5	04/15/15	04/21/15	0
EB-12020	RETROFIT CONCRETE BARRIER WALLS	16	04/22/15	05/13/15	0
EB-12030	STRIPING ERADICATION	1	05/14/15	05/14/15	90
EB-12040	REMOVE EXISTING MARKERS	1	05/17/15	05/17/15	90
EB-12050	DEMO CURBS/CONCRETE DITCHLINES	1	05/18/15	05/18/15	90



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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-12060	RIGID PAVEMENT PLANING	3	05/19/15	05/21/15	90
EB-12070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	05/24/15	05/26/15	90
EB-12080	REMOVE/ADJUST GUARDRAIL	2	05/27/15	05/28/15	94
EB-12090	TEMPORARY PAVEMENT MARKINGS	1	05/27/15	05/27/15	90
EB-12100	SMA 12.5 ASPHALT PAVEMENT	3	05/28/15	06/01/15	90
EB-12110	REPLACE CURBS/CONCRETE DITCHLINES	1	06/02/15	06/02/15	91
EB-12120	INSTALL RUMBLE STRIPS	1	06/02/15	06/02/15	90
EB-12130	RESET GUARDRAIL	1	06/03/15	06/03/15	91
EB-12140	PAVEMENT LINE MARKINGS	1	06/03/15	06/03/15	90
EB-12150	INSTALL RECESSED MARKERS	1	06/04/15	06/04/15	90
EB-12160	SEGMENT COMPLETE	0		06/04/15	90
EAST BOUND 64 SEGMENT 13					
MAIN ROAD					
EB-13000	NO WORK THIS SEGMENT	0	06/07/15		90
EAST BOUND 64 SEGMENT 14					
MAIN ROAD					
EB-14000	BEGIN SEGMENT	0	07/14/14		39
EB-14010	MODIFY MEDIAN INLET THROATS	5	05/05/15	05/11/15	2
EB-14020	RETROFIT CONCRETE BARRIER WALLS	14	05/14/15	06/02/15	0
EB-14030	STRIPING ERADICATION	1	06/03/15	06/03/15	76
EB-14040	REMOVE EXISTING MARKERS	1	06/04/15	06/04/15	76
EB-14050	DEMO CURBS/CONCRETE DITCHLINES	1	06/07/15	06/07/15	76
EB-14060	RIGID PAVEMENT PLANING	3	06/08/15	06/10/15	76
EB-14070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	06/11/15	06/15/15	76
EB-14080	REMOVE/ADJUST GUARDRAIL	2	06/16/15	06/17/15	80
EB-14090	TEMPORARY PAVEMENT MARKINGS	1	06/16/15	06/16/15	76
EB-14100	SMA 12.5 ASPHALT PAVEMENT	3	06/17/15	06/21/15	76

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-14110	REPLACE CURBS/CONCRETE DITCHLINES	1	06/22/15	06/22/15	77
EB-14120	INSTALL RUMBLE STRIPS	1	06/22/15	06/22/15	76
EB-14130	RESET GUARDRAIL	1	06/23/15	06/23/15	77
EB-14140	PAVEMENT LINE MARKINGS	1	06/23/15	06/23/15	76
EB-14150	INSTALL RECESSED MARKERS	1	06/24/15	06/24/15	76
EB-14160	SEGMENT COMPLETE	0		06/24/15	76
RAMPS					
EB-14170	CLEAN & RESEAL JOINTS-RAMPS	1	07/14/14	07/14/14	39
EB-14180	CRACK SEALING - RAMPS	1	07/16/14	07/16/14	39
EB-14190	CONCRETE PATCHING RAMPS	1	07/17/14	07/17/14	190
EB-14200	RIGID PAVEMENT PLANING - RAMPS	1	07/20/14	07/20/14	190
EB-14210	THMACO - RAMPS	1	07/21/14	07/21/14	190
EAST BOUND 64 SEGMENT 15					
MAIN ROAD					
EB-15000	BEGIN SEGMENT	0	07/17/14		39
EB-15010	MODIFY MEDIAN INLET THROATS	5	05/24/15	05/28/15	3
EB-15020	RETROFIT CONCRETE BARRIER WALLS	18	06/03/15	06/28/15	0
EB-15030	STRIPING ERADICATION	1	06/29/15	06/29/15	57
EB-15040	REMOVE EXISTING MARKERS	1	06/30/15	06/30/15	57
EB-15050	DEMO CURBS/CONCRETE DITCHLINES	1	07/01/15	07/01/15	57
EB-15060	RIGID PAVEMENT PLANING	3	07/02/15	07/07/15	57
EB-15070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	4	07/08/15	07/13/15	57
EB-15080	REMOVE/ADJUST GUARDRAIL	2	07/14/15	07/15/15	61
EB-15090	TEMPORARY PAVEMENT MARKINGS	1	07/14/15	07/14/15	57
EB-15100	SMA 12.5 ASPHALT PAVEMENT	3	07/15/15	07/19/15	57
EB-15110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/20/15	07/20/15	58
EB-15120	INSTALL RUMBLE STRIPS	1	07/20/15	07/20/15	57

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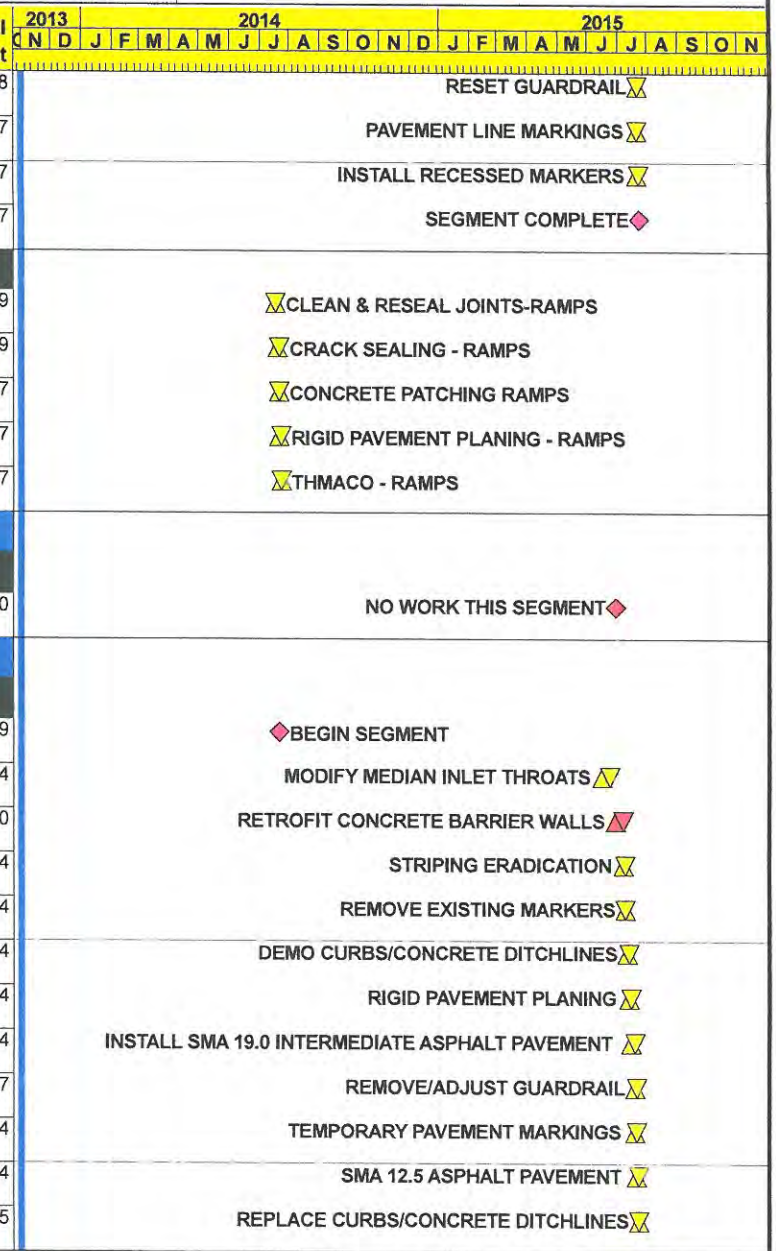
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-15130	RESET GUARDRAIL	1	07/21/15	07/21/15	58
EB-15140	PAVEMENT LINE MARKINGS	1	07/21/15	07/21/15	57
EB-15150	INSTALL RECESSED MARKERS	1	07/22/15	07/22/15	57
EB-15160	SEGMENT COMPLETE	0		07/22/15	57
RAMPS					
EB-15170	CLEAN & RESEAL JOINTS-RAMPS	1	07/17/14	07/17/14	39
EB-15180	CRACK SEALING - RAMPS	1	07/20/14	07/20/14	39
EB-15190	CONCRETE PATCHING RAMPS	1	07/21/14	07/21/14	187
EB-15200	RIGID PAVEMENT PLANING - RAMPS	1	07/22/14	07/22/14	187
EB-15210	THMACO - RAMPS	1	07/23/14	07/23/14	187
EAST BOUND 64 SEGMENT 16					
MAIN ROAD					
EB-16000	NO WORK THIS SEGMENT	0	06/29/15		0
EAST BOUND 64 SEGMENT 17					
MAIN ROAD					
EB-17000	BEGIN SEGMENT	0	07/21/14		39
EB-17010	MODIFY MEDIAN INLET THROATS	5	06/16/15	06/22/15	4
EB-17020	RETROFIT CONCRETE BARRIER WALLS	6	06/29/15	07/07/15	0
EB-17030	STRIPING ERADICATION	1	07/08/15	07/08/15	54
EB-17040	REMOVE EXISTING MARKERS	1	07/09/15	07/09/15	54
EB-17050	DEMO CURBS/CONCRETE DITCHLINES	1	07/12/15	07/12/15	54
EB-17060	RIGID PAVEMENT PLANING	3	07/13/15	07/15/15	54
EB-17070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	07/16/15	07/19/15	54
EB-17080	REMOVE/ADJUST GUARDRAIL	2	07/20/15	07/21/15	57
EB-17090	TEMPORARY PAVEMENT MARKINGS	1	07/20/15	07/20/15	54
EB-17100	SMA 12.5 ASPHALT PAVEMENT	2	07/21/15	07/22/15	54
EB-17110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/23/15	07/23/15	55



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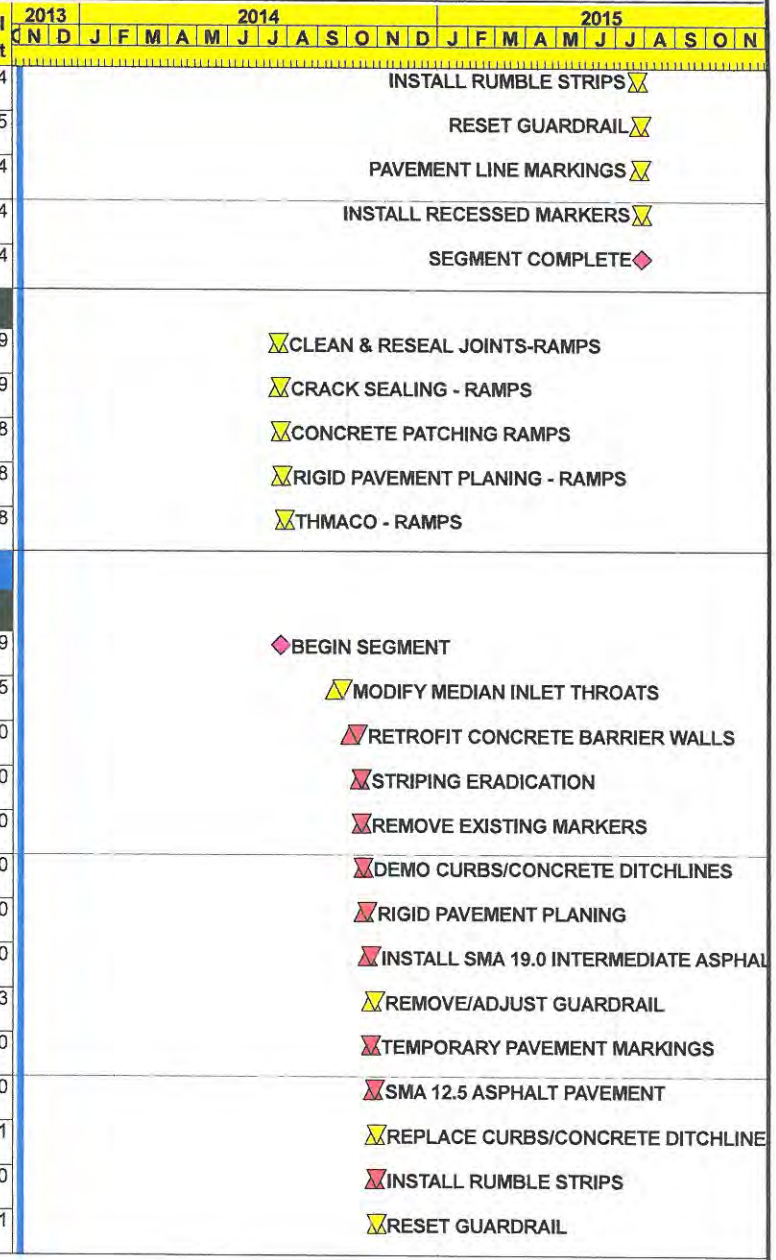
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
EB-17120	INSTALL RUMBLE STRIPS	1	07/23/15	07/23/15	54
EB-17130	RESET GUARDRAIL	1	07/26/15	07/26/15	55
EB-17140	PAVEMENT LINE MARKINGS	1	07/26/15	07/26/15	54
EB-17150	INSTALL RECESSED MARKERS	1	07/27/15	07/27/15	54
EB-17160	SEGMENT COMPLETE	0		07/27/15	54
RAMPS					
EB-17170	CLEAN & RESEAL JOINTS-RAMPS	1	07/21/14	07/21/14	39
EB-17180	CRACK SEALING - RAMPS	1	07/22/14	07/22/14	39
EB-17190	CONCRETE PATCHING RAMPS	1	07/23/14	07/23/14	188
EB-17200	RIGID PAVEMENT PLANING - RAMPS	1	07/24/14	07/24/14	188
EB-17210	THMACO - RAMPS	1	07/27/14	07/27/14	188
WEST BOUND 64 SEGMENT 18					
MAIN ROAD					
WB-18000	BEGIN SEGMENT	0	07/23/14		39
WB-18010	MODIFY MEDIAN INLET THROATS	5	09/17/14	09/23/14	5
WB-18020	RETROFIT CONCRETE BARRIER WALLS	5	10/02/14	10/09/14	0
WB-18030	STRIPING ERADICATION	1	10/12/14	10/12/14	0
WB-18040	REMOVE EXISTING MARKERS	1	10/13/14	10/13/14	0
WB-18050	DEMO CURBS/CONCRETE DITCHLINES	1	10/15/14	10/15/14	0
WB-18060	RIGID PAVEMENT PLANING	2	10/16/14	10/19/14	0
WB-18070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	10/20/14	10/22/14	0
WB-18080	REMOVE/ADJUST GUARDRAIL	2	10/23/14	10/26/14	3
WB-18090	TEMPORARY PAVEMENT MARKINGS	1	10/23/14	10/23/14	0
WB-18100	SMA 12.5 ASPHALT PAVEMENT	2	10/26/14	10/27/14	0
WB-18110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/28/14	10/28/14	1
WB-18120	INSTALL RUMBLE STRIPS	1	10/28/14	10/28/14	0
WB-18130	RESET GUARDRAIL	1	10/29/14	10/29/14	1



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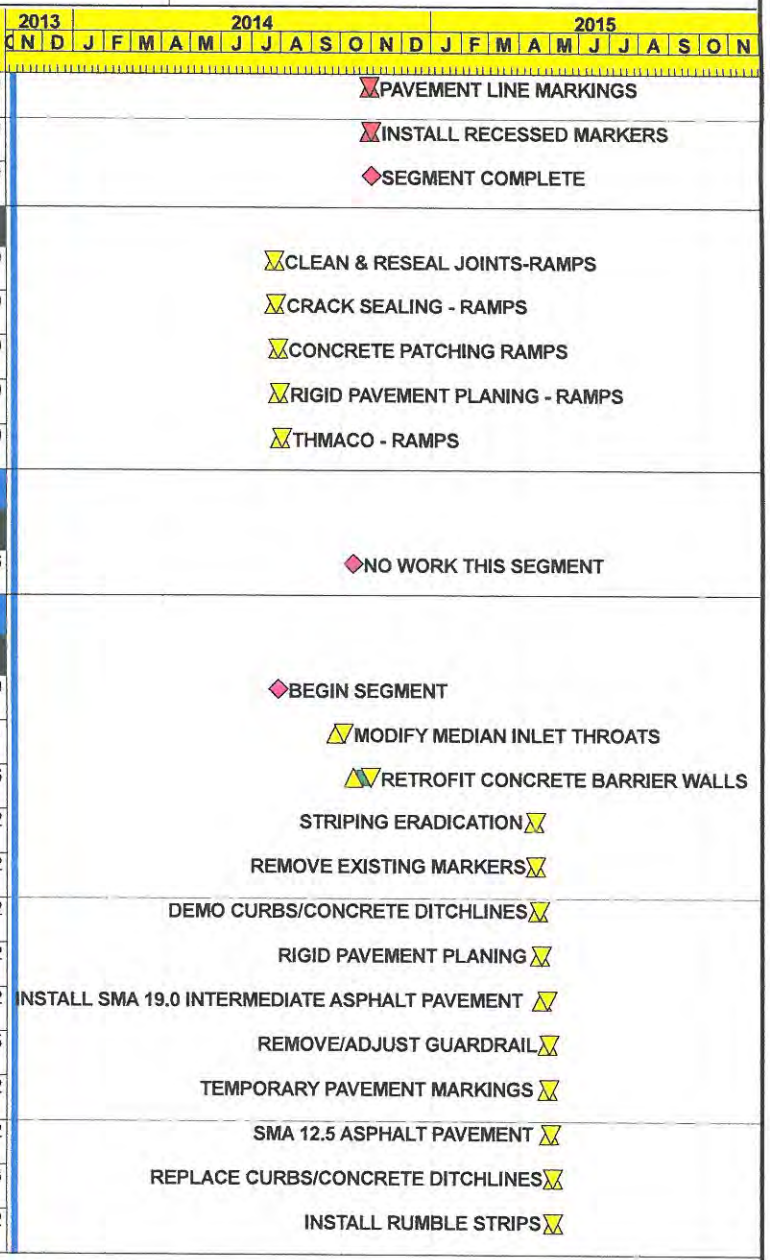
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-18140	PAVEMENT LINE MARKINGS	1	10/29/14	10/29/14	0
WB-18150	INSTALL RECESSED MARKERS	1	10/30/14	10/30/14	0
WB-18160	SEGMENT COMPLETE	0		10/30/14	0
RAMPS					
WB-18170	CLEAN & RESEAL JOINTS-RAMPS	1	07/23/14	07/23/14	39
WB-18180	CRACK SEALING - RAMPS	1	07/24/14	07/24/14	39
WB-18190	CONCRETE PATCHING RAMPS	1	07/27/14	07/27/14	49
WB-18200	RIGID PAVEMENT PLANING - RAMPS	1	07/28/14	07/28/14	49
WB-18210	THMACO - RAMPS	1	07/30/14	07/30/14	49
WEST BOUND 64 SEGMENT 19					
MAIN ROAD					
WB-19000	NO WORK THIS SEGMENT	0	10/12/14		36
WEST BOUND 64 SEGMENT 20					
MAIN ROAD					
WB-20000	BEGIN SEGMENT	0	07/27/14		39
WB-20010	MODIFY MEDIAN INLET THROATS	5	09/25/14	10/01/14	41
WB-20020	RETROFIT CONCRETE BARRIER WALLS	12	10/12/14	10/29/14	36
WB-20030	STRIPING ERADICATION	1	04/15/15	04/15/15	112
WB-20040	REMOVE EXISTING MARKERS	1	04/16/15	04/16/15	112
WB-20050	DEMO CURBS/CONCRETE DITCHLINES	1	04/19/15	04/19/15	112
WB-20060	RIGID PAVEMENT PLANING	3	04/20/15	04/22/15	112
WB-20070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	04/23/15	04/27/15	112
WB-20080	REMOVE/ADJUST GUARDRAIL	2	04/28/15	04/29/15	115
WB-20090	TEMPORARY PAVEMENT MARKINGS	1	04/28/15	04/28/15	112
WB-20100	SMA 12.5 ASPHALT PAVEMENT	2	04/29/15	04/30/15	112
WB-20110	REPLACE CURBS/CONCRETE DITCHLINES	1	05/03/15	05/03/15	113
WB-20120	INSTALL RUMBLE STRIPS	1	05/03/15	05/03/15	112



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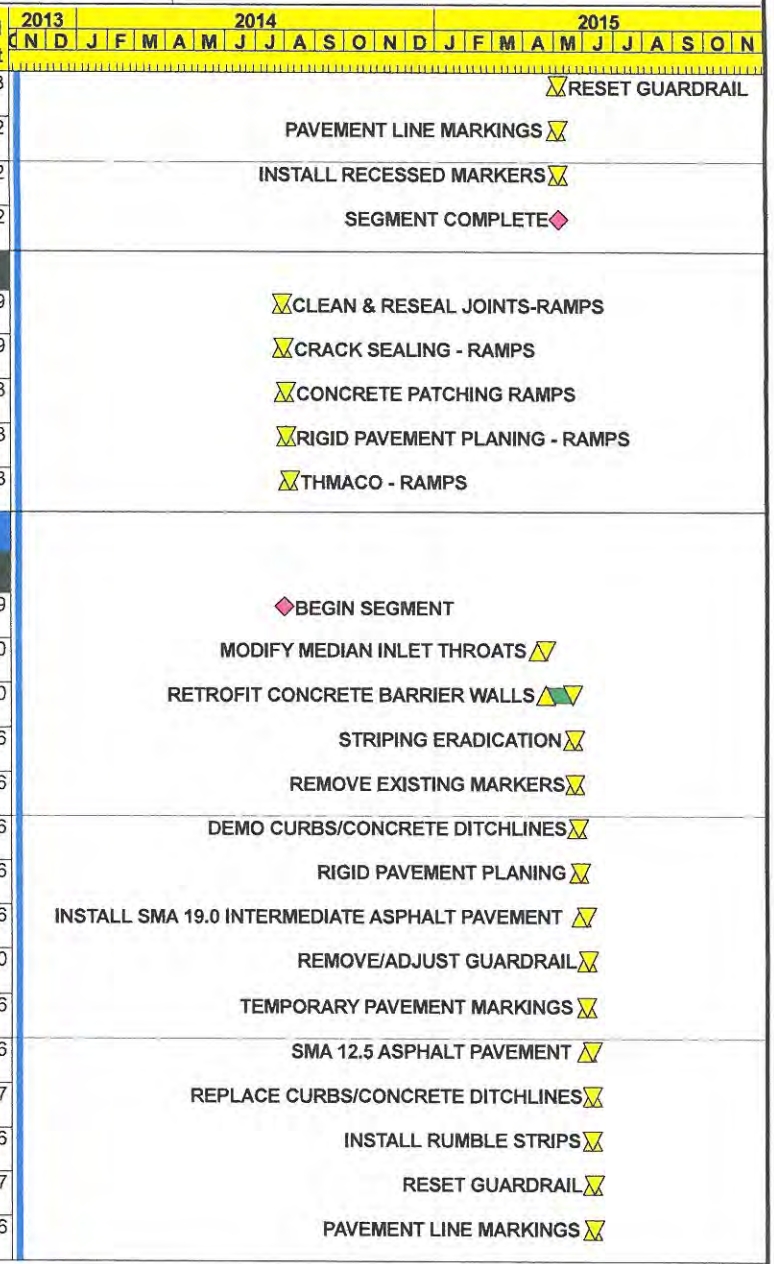
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-20130	RESET GUARDRAIL	1	05/04/15	05/04/15	113
WB-20140	PAVEMENT LINE MARKINGS	1	05/04/15	05/04/15	112
WB-20150	INSTALL RECESSED MARKERS	1	05/05/15	05/05/15	112
WB-20160	SEGMENT COMPLETE	0		05/05/15	112
RAMPS					
WB-20170	CLEAN & RESEAL JOINTS-RAMPS	1	07/27/14	07/27/14	39
WB-20180	CRACK SEALING - RAMPS	1	07/28/14	07/28/14	39
WB-20190	CONCRETE PATCHING RAMPS	1	07/30/14	07/30/14	183
WB-20200	RIGID PAVEMENT PLANING - RAMPS	1	07/31/14	07/31/14	183
WB-20210	THMACO - RAMPS	1	08/03/14	08/03/14	183
WEST BOUND 64 SEGMENT 21					
MAIN ROAD					
WB-21000	BEGIN SEGMENT	0	07/30/14		39
WB-21010	MODIFY MEDIAN INLET THROATS	5	04/15/15	04/21/15	20
WB-21020	RETROFIT CONCRETE BARRIER WALLS	20	04/22/15	05/19/15	20
WB-21030	STRIPING ERADICATION	1	05/20/15	05/20/15	86
WB-21040	REMOVE EXISTING MARKERS	1	05/21/15	05/21/15	86
WB-21050	DEMO CURBS/CONCRETE DITCHLINES	1	05/24/15	05/24/15	86
WB-21060	RIGID PAVEMENT PLANING	3	05/25/15	05/27/15	86
WB-21070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	05/28/15	06/01/15	86
WB-21080	REMOVE/ADJUST GUARDRAIL	2	06/02/15	06/03/15	90
WB-21090	TEMPORARY PAVEMENT MARKINGS	1	06/02/15	06/02/15	86
WB-21100	SMA 12.5 ASPHALT PAVEMENT	3	06/03/15	06/07/15	86
WB-21110	REPLACE CURBS/CONCRETE DITCHLINES	1	06/08/15	06/08/15	87
WB-21120	INSTALL RUMBLE STRIPS	1	06/08/15	06/08/15	86
WB-21130	RESET GUARDRAIL	1	06/09/15	06/09/15	87
WB-21140	PAVEMENT LINE MARKINGS	1	06/09/15	06/09/15	86



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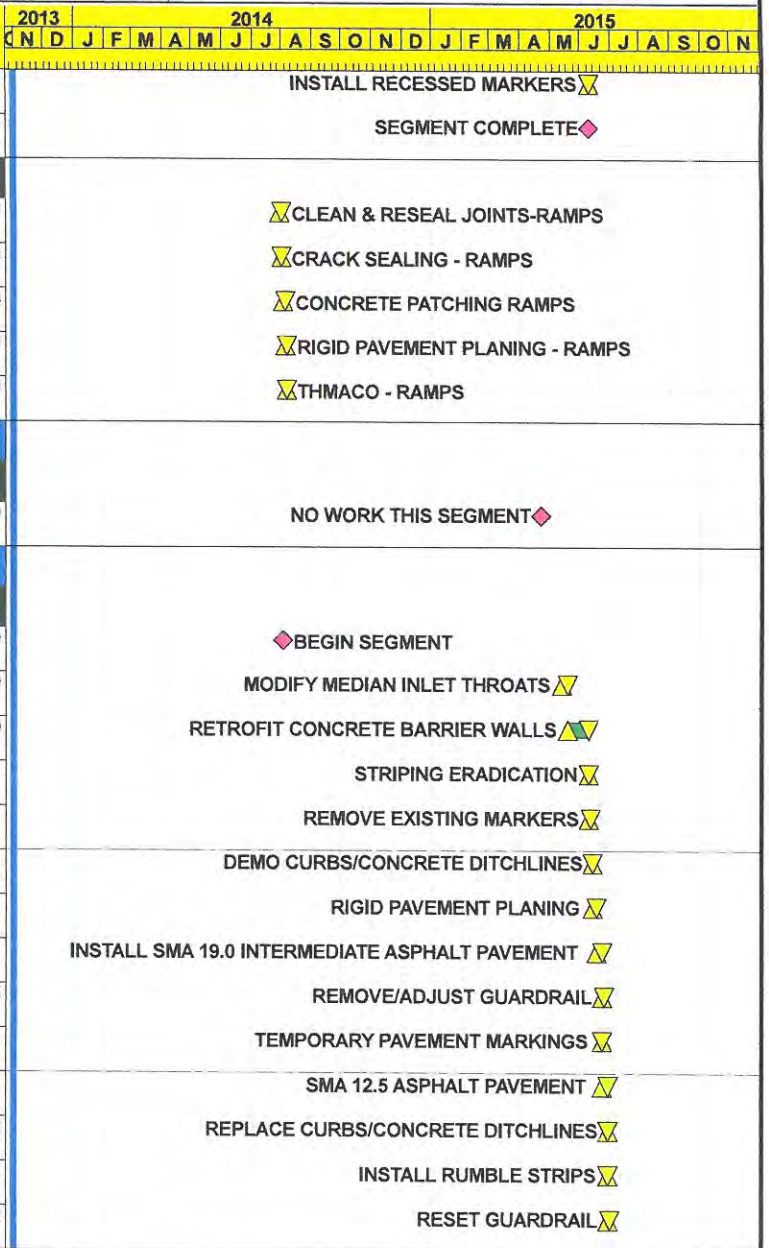
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-21150	INSTALL RECESSED MARKERS	1	06/10/15	06/10/15	86
WB-21160	SEGMENT COMPLETE	0		06/10/15	86
RAMPS					
WB-21170	CLEAN & RESEAL JOINTS-RAMPS	1	07/30/14	07/30/14	39
WB-21180	CRACK SEALING - RAMPS	1	07/31/14	07/31/14	39
WB-21190	CONCRETE PATCHING RAMPS	1	08/03/14	08/03/14	180
WB-21200	RIGID PAVEMENT PLANING - RAMPS	1	08/05/14	08/05/14	180
WB-21210	THMACO - RAMPS	1	08/06/14	08/06/14	180
WEST BOUND 64 SEGMENT 22					
MAIN ROAD					
WB-22000	NO WORK THIS SEGMENT	0	04/22/15		40
WEST BOUND 64 SEGMENT 23					
MAIN ROAD					
WB-23000	BEGIN SEGMENT	0	08/03/14		39
WB-23010	MODIFY MEDIAN INLET THROATS	5	05/13/15	05/19/15	20
WB-23020	RETROFIT CONCRETE BARRIER WALLS	15	05/20/15	06/09/15	20
WB-23030	STRIPING ERADICATION	1	06/10/15	06/10/15	71
WB-23040	REMOVE EXISTING MARKERS	1	06/11/15	06/11/15	71
WB-23050	DEMO CURBS/CONCRETE DITCHLINES	1	06/14/15	06/14/15	71
WB-23060	RIGID PAVEMENT PLANING	3	06/15/15	06/17/15	71
WB-23070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	06/18/15	06/22/15	71
WB-23080	REMOVE/ADJUST GUARDRAIL	2	06/23/15	06/24/15	75
WB-23090	TEMPORARY PAVEMENT MARKINGS	1	06/23/15	06/23/15	71
WB-23100	SMA 12.5 ASPHALT PAVEMENT	3	06/24/15	06/28/15	71
WB-23110	REPLACE CURBS/CONCRETE DITCHLINES	1	06/29/15	06/29/15	72
WB-23120	INSTALL RUMBLE STRIPS	1	06/29/15	06/29/15	71
WB-23130	RESET GUARDRAIL	1	06/30/15	06/30/15	72



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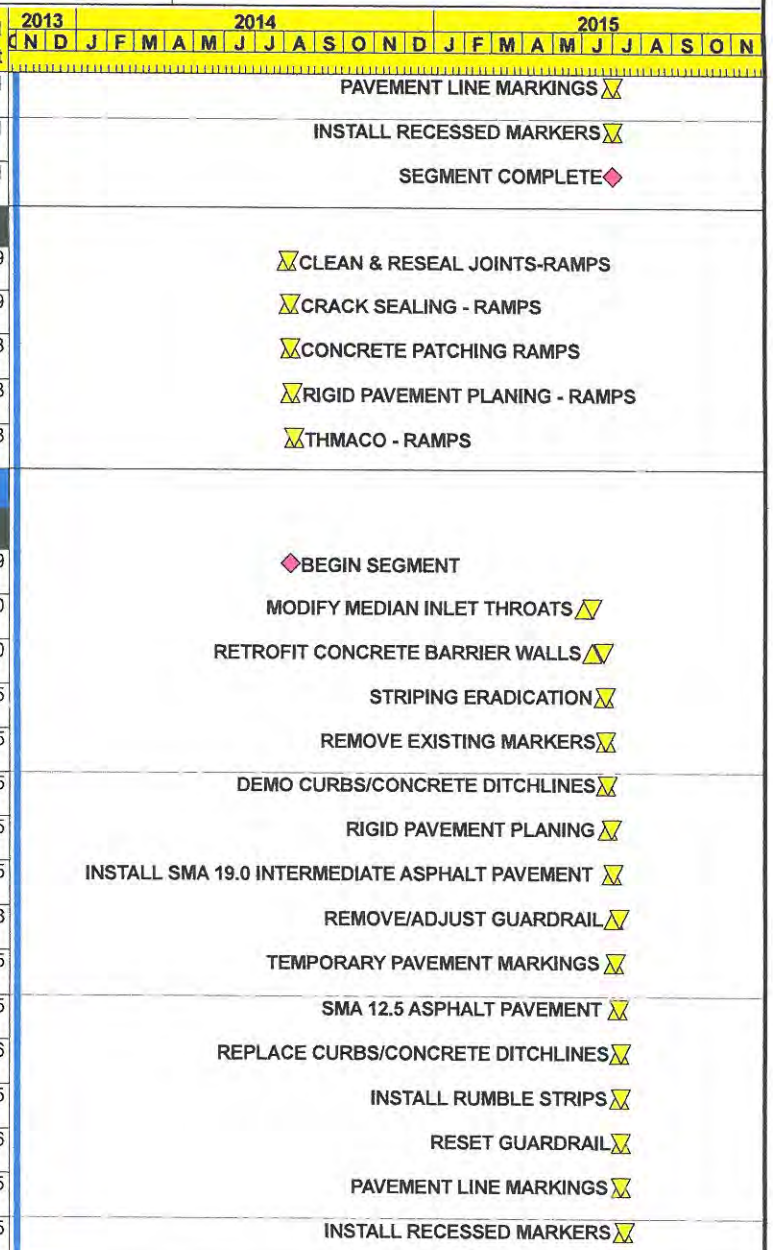
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-23140	PAVEMENT LINE MARKINGS	1	06/30/15	06/30/15	71
WB-23150	INSTALL RECESSED MARKERS	1	07/01/15	07/01/15	71
WB-23160	SEGMENT COMPLETE	0		07/01/15	71
RAMPS					
WB-23170	CLEAN & RESEAL JOINTS-RAMPS	1	08/03/14	08/03/14	39
WB-23180	CRACK SEALING - RAMPS	1	08/05/14	08/05/14	39
WB-23190	CONCRETE PATCHING RAMPS	1	08/06/14	08/06/14	178
WB-23200	RIGID PAVEMENT PLANING - RAMPS	1	08/07/14	08/07/14	178
WB-23210	THMACO - RAMPS	1	08/10/14	08/10/14	178
WEST BOUND 64 SEGMENT 24					
MAIN ROAD					
WB-24000	BEGIN SEGMENT	0	08/06/14		39
WB-24010	MODIFY MEDIAN INLET THROATS	5	06/03/15	06/09/15	20
WB-24020	RETROFIT CONCRETE BARRIER WALLS	8	06/10/15	06/21/15	20
WB-24030	STRIPING ERADICATION	1	06/22/15	06/22/15	65
WB-24040	REMOVE EXISTING MARKERS	1	06/23/15	06/23/15	65
WB-24050	DEMO CURBS/CONCRETE DITCHLINES	1	06/24/15	06/24/15	65
WB-24060	RIGID PAVEMENT PLANING	3	06/25/15	06/29/15	65
WB-24070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	06/30/15	07/01/15	65
WB-24080	REMOVE/ADJUST GUARDRAIL	2	07/02/15	07/06/15	68
WB-24090	TEMPORARY PAVEMENT MARKINGS	1	07/02/15	07/02/15	65
WB-24100	SMA 12.5 ASPHALT PAVEMENT	2	07/06/15	07/07/15	65
WB-24110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/08/15	07/08/15	66
WB-24120	INSTALL RUMBLE STRIPS	1	07/08/15	07/08/15	65
WB-24130	RESET GUARDRAIL	1	07/09/15	07/09/15	66
WB-24140	PAVEMENT LINE MARKINGS	1	07/09/15	07/09/15	65
WB-24150	INSTALL RECESSED MARKERS	1	07/12/15	07/12/15	65



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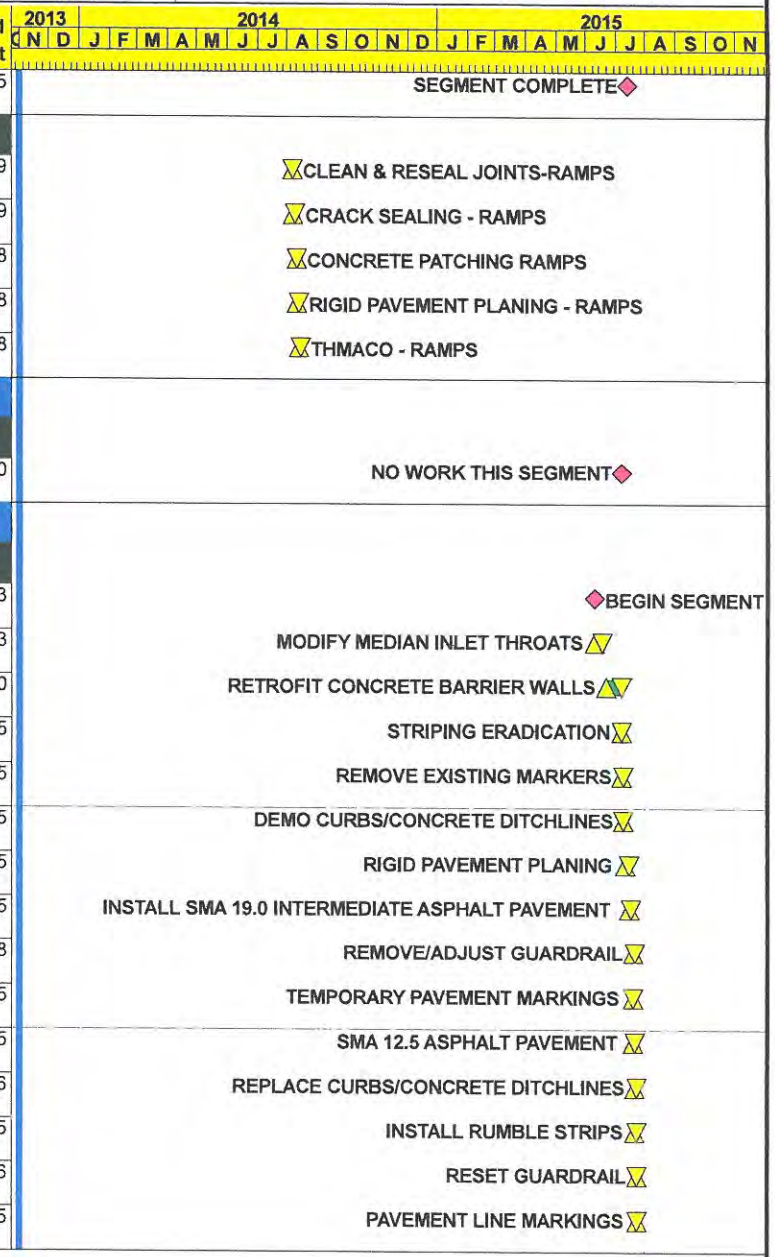
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-24160	SEGMENT COMPLETE	0		07/12/15	65
RAMPS					
WB-24170	CLEAN & RESEAL JOINTS-RAMPS	1	08/06/14	08/06/14	39
WB-24180	CRACK SEALING - RAMPS	1	08/07/14	08/07/14	39
WB-24190	CONCRETE PATCHING RAMPS	1	08/10/14	08/10/14	178
WB-24200	RIGID PAVEMENT PLANING - RAMPS	1	08/11/14	08/11/14	178
WB-24210	THMACO - RAMPS	1	08/13/14	08/13/14	178
WEST BOUND 64 SEGMENT 25					
MAIN ROAD					
WB-25000	NO WORK THIS SEGMENT	0	07/08/15		0
WEST BOUND 64 SEGMENT 26					
MAIN ROAD					
WB-26000	BEGIN SEGMENT	0	06/10/15		23
WB-26010	MODIFY MEDIAN INLET THROATS	5	06/10/15	06/16/15	23
WB-26020	RETROFIT CONCRETE BARRIER WALLS	10	06/22/15	07/06/15	20
WB-26030	STRIPING ERADICATION	1	07/07/15	07/07/15	55
WB-26040	REMOVE EXISTING MARKERS	1	07/08/15	07/08/15	55
WB-26050	DEMO CURBS/CONCRETE DITCHLINES	1	07/09/15	07/09/15	55
WB-26060	RIGID PAVEMENT PLANING	3	07/12/15	07/14/15	55
WB-26070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	07/15/15	07/16/15	55
WB-26080	REMOVE/ADJUST GUARDRAIL	2	07/19/15	07/20/15	58
WB-26090	TEMPORARY PAVEMENT MARKINGS	1	07/19/15	07/19/15	55
WB-26100	SMA 12.5 ASPHALT PAVEMENT	2	07/20/15	07/21/15	55
WB-26110	REPLACE CURBS/CONCRETE DITCHLINES	1	07/22/15	07/22/15	56
WB-26120	INSTALL RUMBLE STRIPS	1	07/22/15	07/22/15	55
WB-26130	RESET GUARDRAIL	1	07/23/15	07/23/15	56
WB-26140	PAVEMENT LINE MARKINGS	1	07/23/15	07/23/15	55



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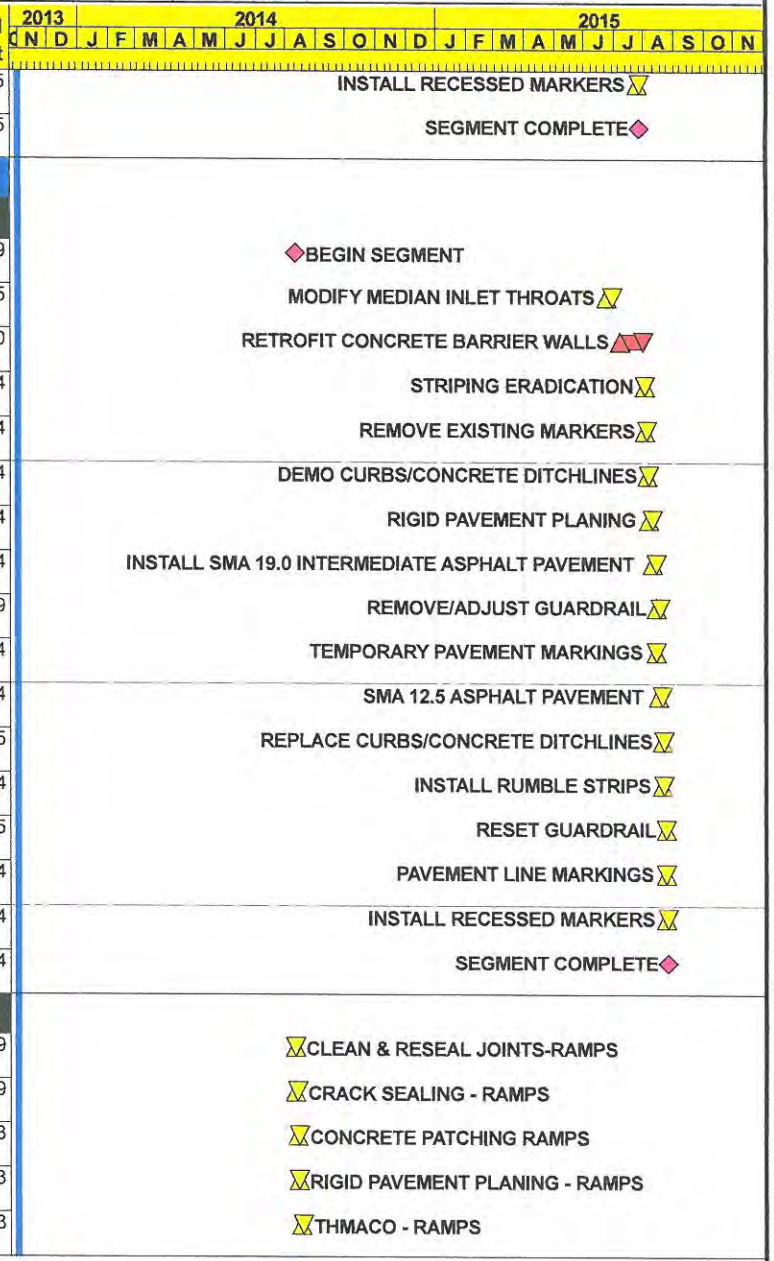
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-26150	INSTALL RECESSED MARKERS	1	07/26/15	07/26/15	55
WB-26160	SEGMENT COMPLETE	0		07/26/15	55
WEST BOUND 64 SEGMENT 27					
MAIN ROAD					
WB-27000	BEGIN SEGMENT	0	08/10/14		39
WB-27010	MODIFY MEDIAN INLET THROATS	5	06/23/15	06/29/15	5
WB-27020	RETROFIT CONCRETE BARRIER WALLS	17	07/08/15	07/30/15	0
WB-27030	STRIPING ERADICATION	1	08/02/15	08/02/15	34
WB-27040	REMOVE EXISTING MARKERS	1	08/03/15	08/03/15	34
WB-27050	DEMO CURBS/CONCRETE DITCHLINES	1	08/04/15	08/04/15	34
WB-27060	RIGID PAVEMENT PLANING	3	08/05/15	08/09/15	34
WB-27070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	08/10/15	08/12/15	34
WB-27080	REMOVE/ADJUST GUARDRAIL	2	08/13/15	08/16/15	39
WB-27090	TEMPORARY PAVEMENT MARKINGS	1	08/13/15	08/13/15	34
WB-27100	SMA 12.5 ASPHALT PAVEMENT	4	08/16/15	08/19/15	34
WB-27110	REPLACE CURBS/CONCRETE DITCHLINES	1	08/20/15	08/20/15	35
WB-27120	INSTALL RUMBLE STRIPS	1	08/20/15	08/20/15	34
WB-27130	RESET GUARDRAIL	1	08/23/15	08/23/15	35
WB-27140	PAVEMENT LINE MARKINGS	1	08/23/15	08/23/15	34
WB-27150	INSTALL RECESSED MARKERS	1	08/24/15	08/24/15	34
WB-27160	SEGMENT COMPLETE	0		08/24/15	34
RAMPS					
WB-27170	CLEAN & RESEAL JOINTS-RAMPS	1	08/10/14	08/10/14	39
WB-27180	CRACK SEALING - RAMPS	1	08/11/14	08/11/14	39
WB-27190	CONCRETE PATCHING RAMPS	1	08/13/14	08/13/14	173
WB-27200	RIGID PAVEMENT PLANING - RAMPS	1	08/14/14	08/14/14	173
WB-27210	THMACO - RAMPS	1	08/17/14	08/17/14	173



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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WEST BOUND 64 SEGMENT 28					
MAIN ROAD					
WB-28000	BEGIN SEGMENT	0	08/13/14		39
WB-28010	MODIFY MEDIAN INLET THROATS	5	06/29/15	07/06/15	20
WB-28020	RETROFIT CONCRETE BARRIER WALLS	8	07/07/15	07/16/15	20
WB-28030	STRIPING ERADICATION	1	07/19/15	07/19/15	45
WB-28040	REMOVE EXISTING MARKERS	1	07/20/15	07/20/15	45
WB-28050	DEMO CURBS/CONCRETE DITCHLINES	1	07/21/15	07/21/15	45
WB-28060	RIGID PAVEMENT PLANING	3	07/22/15	07/26/15	45
WB-28070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	4	07/27/15	07/30/15	45
WB-28080	REMOVE/ADJUST GUARDRAIL	2	08/02/15	08/03/15	48
WB-28090	TEMPORARY PAVEMENT MARKINGS	1	08/02/15	08/02/15	45
WB-28100	SMA 12.5 ASPHALT PAVEMENT	2	08/03/15	08/04/15	45
WB-28110	REPLACE CURBS/CONCRETE DITCHLINES	1	08/05/15	08/05/15	46
WB-28120	INSTALL RUMBLE STRIPS	1	08/05/15	08/05/15	45
WB-28130	RESET GUARDRAIL	1	08/06/15	08/06/15	46
WB-28140	PAVEMENT LINE MARKINGS	1	08/06/15	08/06/15	45
WB-28150	INSTALL RECESSED MARKERS	1	08/09/15	08/09/15	45
WB-28160	SEGMENT COMPLETE	0		08/24/15	34
RAMPS					
WB-28170	CLEAN & RESEAL JOINTS-RAMPS	1	08/13/14	08/13/14	39
WB-28180	CRACK SEALING - RAMPS	1	08/14/14	08/14/14	39
WB-28190	CONCRETE PATCHING RAMPS	1	08/17/14	08/17/14	172
WB-28200	RIGID PAVEMENT PLANING - RAMPS	1	08/18/14	08/18/14	172
WB-28210	THMACO - RAMPS	1	08/19/14	08/19/14	172

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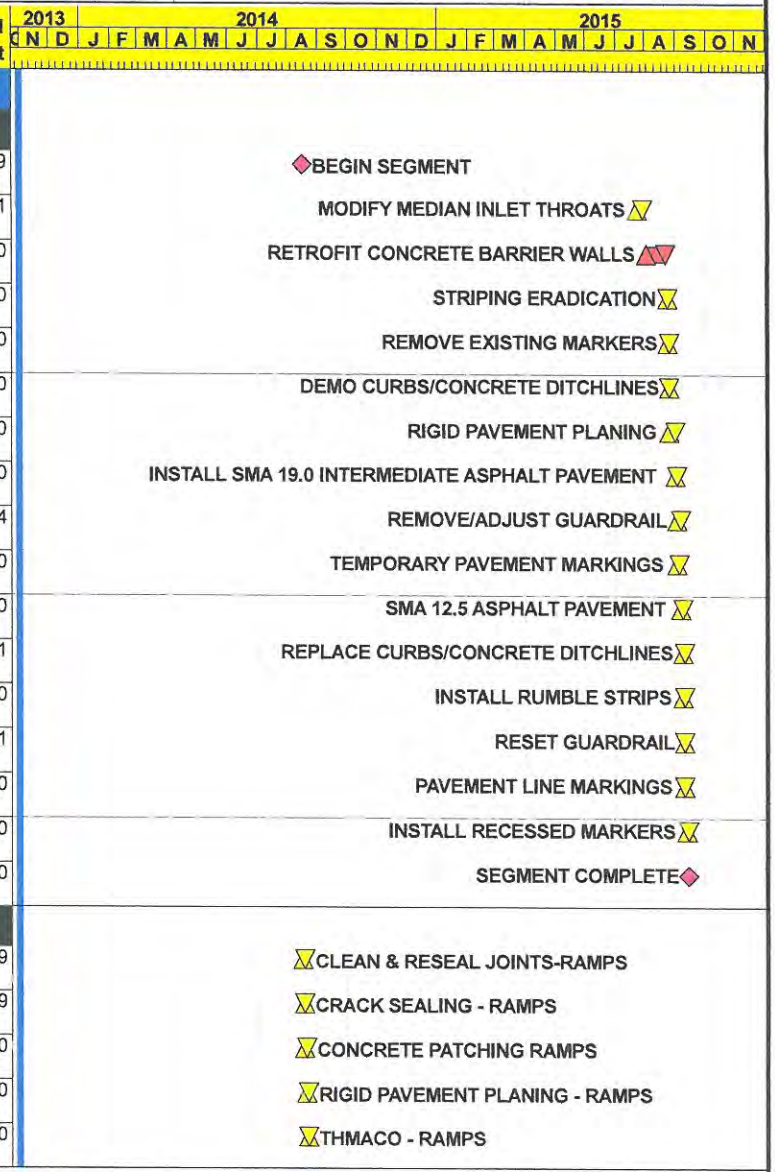
CPM CONSTRUCTION SCHEDULE

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WEST BOUND 64 SECTION 29					
MAIN ROAD					
WB-29000	BEGIN SEGMENT	0	08/17/14		39
WB-29010	MODIFY MEDIAN INLET THROATS	5	07/23/15	07/29/15	1
WB-29020	RETROFIT CONCRETE BARRIER WALLS	15	08/02/15	08/20/15	0
WB-29030	STRIPING ERADICATION	1	08/23/15	08/23/15	20
WB-29040	REMOVE EXISTING MARKERS	1	08/24/15	08/24/15	20
WB-29050	DEMO CURBS/CONCRETE DITCHLINES	1	08/25/15	08/25/15	20
WB-29060	RIGID PAVEMENT PLANING	3	08/26/15	08/30/15	20
WB-29070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	3	08/31/15	09/02/15	20
WB-29080	REMOVE/ADJUST GUARDRAIL	2	09/03/15	09/06/15	24
WB-29090	TEMPORARY PAVEMENT MARKINGS	1	09/03/15	09/03/15	20
WB-29100	SMA 12.5 ASPHALT PAVEMENT	3	09/06/15	09/08/15	20
WB-29110	REPLACE CURBS/CONCRETE DITCHLINES	1	09/09/15	09/09/15	21
WB-29120	INSTALL RUMBLE STRIPS	1	09/09/15	09/09/15	20
WB-29130	RESET GUARDRAIL	1	09/10/15	09/10/15	21
WB-29140	PAVEMENT LINE MARKINGS	1	09/10/15	09/10/15	20
WB-29150	INSTALL RECESSED MARKERS	1	09/13/15	09/13/15	20
WB-29160	SEGMENT COMPLETE	0		09/13/15	20
RAMPS					
WB-29170	CLEAN & RESEAL JOINTS-RAMPS	1	08/17/14	08/17/14	39
WB-29180	CRACK SEALING - RAMPS	1	08/18/14	08/18/14	39
WB-29190	CONCRETE PATCHING RAMPS	1	08/19/14	08/19/14	170
WB-29200	RIGID PAVEMENT PLANING - RAMPS	1	08/20/14	08/20/14	170
WB-29210	THMACO - RAMPS	1	08/21/14	08/21/14	170



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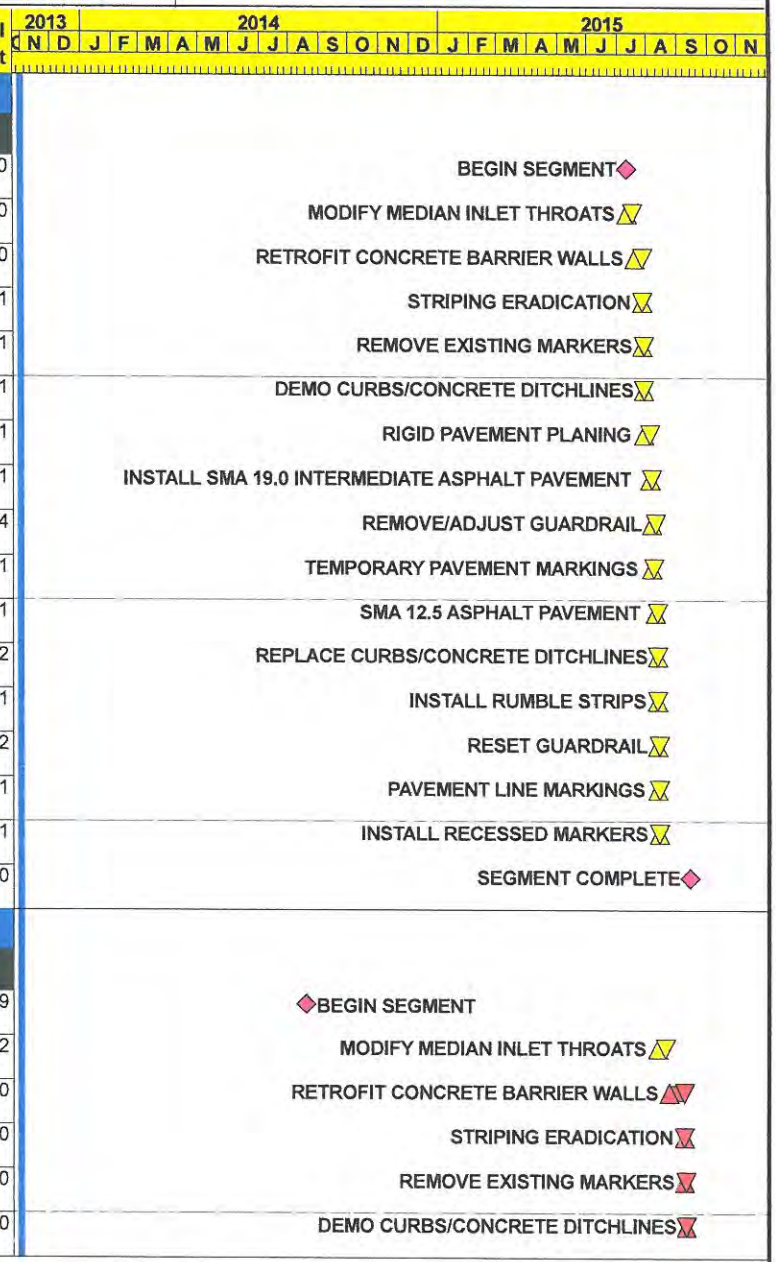
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WEST BOUND 64 SEGMENT 30					
MAIN ROAD					
WB-30000	BEGIN SEGMENT	0	07/12/15		20
WB-30010	MODIFY MEDIAN INLET THROATS	5	07/12/15	07/16/15	20
WB-30020	RETROFIT CONCRETE BARRIER WALLS	6	07/19/15	07/26/15	20
WB-30030	STRIPING ERADICATION	1	07/27/15	07/27/15	41
WB-30040	REMOVE EXISTING MARKERS	1	07/28/15	07/28/15	41
WB-30050	DEMO CURBS/CONCRETE DITCHLINES	1	07/29/15	07/29/15	41
WB-30060	RIGID PAVEMENT PLANING	3	07/30/15	08/03/15	41
WB-30070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	2	08/04/15	08/05/15	41
WB-30080	REMOVE/ADJUST GUARDRAIL	2	08/06/15	08/09/15	44
WB-30090	TEMPORARY PAVEMENT MARKINGS	1	08/06/15	08/06/15	41
WB-30100	SMA 12.5 ASPHALT PAVEMENT	2	08/09/15	08/10/15	41
WB-30110	REPLACE CURBS/CONCRETE DITCHLINES	1	08/11/15	08/11/15	42
WB-30120	INSTALL RUMBLE STRIPS	1	08/11/15	08/11/15	41
WB-30130	RESET GUARDRAIL	1	08/12/15	08/12/15	42
WB-30140	PAVEMENT LINE MARKINGS	1	08/12/15	08/12/15	41
WB-30150	INSTALL RECESSED MARKERS	1	08/13/15	08/13/15	41
WB-30160	SEGMENT COMPLETE	0		09/13/15	20
WEST BOUND 64 SEGMENT 31					
MAIN ROAD					
WB-31000	BEGIN SEGMENT	0	08/19/14		39
WB-31010	MODIFY MEDIAN INLET THROATS	5	08/12/15	08/18/15	2
WB-31020	RETROFIT CONCRETE BARRIER WALLS	12	08/23/15	09/07/15	0
WB-31030	STRIPING ERADICATION	1	09/08/15	09/08/15	0
WB-31040	REMOVE EXISTING MARKERS	1	09/09/15	09/09/15	0
WB-31050	DEMO CURBS/CONCRETE DITCHLINES	1	09/10/15	09/10/15	0



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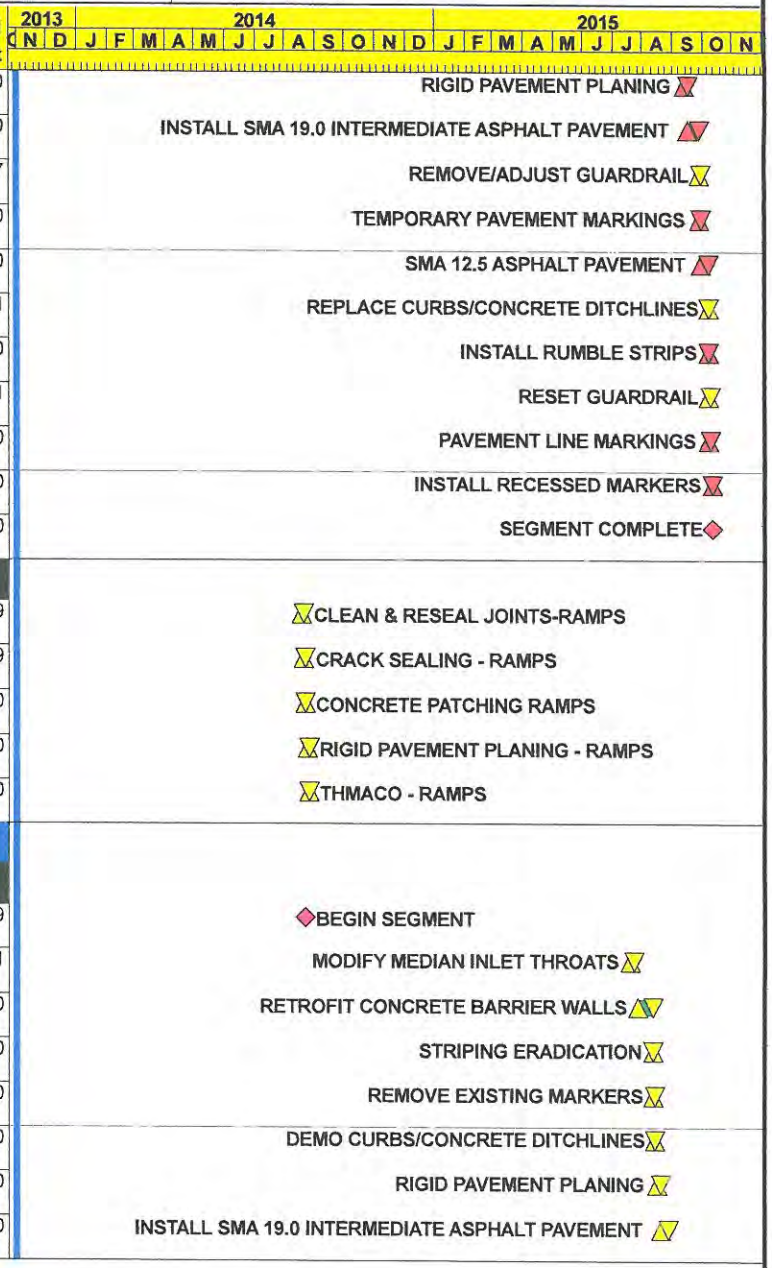
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-31060	RIGID PAVEMENT PLANING	3	09/13/15	09/15/15	0
WB-31070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	8	09/16/15	09/27/15	0
WB-31080	REMOVE/ADJUST GUARDRAIL	2	09/28/15	09/29/15	7
WB-31090	TEMPORARY PAVEMENT MARKINGS	1	09/28/15	09/28/15	0
WB-31100	SMA 12.5 ASPHALT PAVEMENT	6	09/29/15	10/06/15	0
WB-31110	REPLACE CURBS/CONCRETE DITCHLINES	1	10/07/15	10/07/15	1
WB-31120	INSTALL RUMBLE STRIPS	1	10/07/15	10/07/15	0
WB-31130	RESET GUARDRAIL	1	10/08/15	10/08/15	1
WB-31140	PAVEMENT LINE MARKINGS	1	10/08/15	10/08/15	0
WB-31150	INSTALL RECESSED MARKERS	1	10/11/15	10/11/15	0
WB-31160	SEGMENT COMPLETE	0		10/11/15	0
RAMPS					
WB-31170	CLEAN & RESEAL JOINTS-RAMPS	1	08/19/14	08/19/14	39
WB-31180	CRACK SEALING - RAMPS	1	08/20/14	08/20/14	39
WB-31190	CONCRETE PATCHING RAMPS	1	08/21/14	08/21/14	160
WB-31200	RIGID PAVEMENT PLANING - RAMPS	1	08/24/14	08/24/14	160
WB-31210	THMACO - RAMPS	1	08/25/14	08/25/14	160
WEST BOUND 64 SEGMENT 32					
MAIN ROAD					
WB-32000	BEGIN SEGMENT	0	08/21/14		39
WB-32010	MODIFY MEDIAN INLET THROATS	5	07/19/15	07/23/15	21
WB-32020	RETROFIT CONCRETE BARRIER WALLS	11	07/27/15	08/10/15	20
WB-32030	STRIPING ERADICATION	1	08/11/15	08/11/15	20
WB-32040	REMOVE EXISTING MARKERS	1	08/12/15	08/12/15	20
WB-32050	DEMO CURBS/CONCRETE DITCHLINES	1	08/13/15	08/13/15	20
WB-32060	RIGID PAVEMENT PLANING	3	08/16/15	08/18/15	20
WB-32070	INSTALL SMA 19.0 INTERMEDIATE ASPHALT PAVEMENT	7	08/19/15	08/27/15	20



Start Date 10/31/13
Finish Date 11/08/15
Data Date 10/31/13
Run Date 10/23/13 15:07

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Early Bar
Progress Bar
Critical Activity

DB65 DESIGN BUILD
Branscome Inc.

Date	Revision	Checked	Approved

File Name: BD65
Filter: All
Layout: SCHEDULE DEVELOPMENT

CPM CONSTRUCTION SCHEDULE

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
WB-32080	REMOVE/ADJUST GUARDRAIL	2	08/30/15	08/31/15	28
WB-32090	TEMPORARY PAVEMENT MARKINGS	1	08/30/15	08/30/15	20
WB-32100	SMA 12.5 ASPHALT PAVEMENT	7	08/31/15	09/08/15	20
WB-32110	REPLACE CURBS/CONCRETE DITCHLINES	1	09/09/15	09/09/15	21
WB-32120	INSTALL RUMBLE STRIPS	1	09/09/15	09/09/15	20
WB-32130	RESET GUARDRAIL	1	09/10/15	09/10/15	21
WB-32140	PAVEMENT LINE MARKINGS	1	09/10/15	09/10/15	20
WB-32150	INSTALL RECESSED MARKERS	1	09/13/15	09/13/15	20
WB-32160	SEGMENT COMPLETE	0		09/13/15	20
RAMPS					
WB-32170	CLEAN & RESEAL JOINTS-RAMPS	1	08/21/14	08/21/14	39
WB-32180	CRACK SEALING - RAMPS	1	08/24/14	08/24/14	39
WB-32190	CONCRETE PATCHING RAMPS	1	08/25/14	08/25/14	39
WB-32200	RIGID PAVEMENT PLANING - RAMPS	1	08/26/14	08/26/14	39
WB-32210	THMACO - RAMPS	1	08/27/14	08/27/14	39
CLOSEOUT					
CLOSEOUT					
CLOSEOUT					
CO-1000	PUNCH LIST	15	10/12/15	11/01/15	0
CO-1010	OPEN ALL LANES	1	11/02/15	11/02/15	0
CO-1020	DEMOBILIZATION	5	11/02/15	11/08/15	0
CO-1030	PROJECT COMPLETE	0		11/08/15	0

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Progress Bar
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Branscome Inc.

Date	Revision	Checke	pprove

File Name: BD65
Filter: All
Layout: SCHEDULE DEVELOPMENT

I-264 and I-64 Schedule Narrative

Schedule Overview

A Draft Project Schedule has been included in our proposal which contains task activities throughout the project timeframe. VDOT will benefit from Branscome's prior plan preparation and experience working in the Hampton Roads area to complete this project on time and within budget. Our team plans to complete the design of the critical items necessary to start construction prior to finalizing the design for the entire project. The construction will be completed in phases, and the project will be complete before the Final Completion Date of November 13, 2015.

Notice of Intent to Award: 10/31/2013
Design Activities: November 2013-June 2014
Construction: May 2014 to November 2015
Final Completion: November 13, 2015

Critical Path

The critical path of this project starts with the preparation of design documents, submission, review, and acceptance. As the design is accepted, the construction team will begin with the Median Barrier Walls and flow through the project in a logical progression of Intermediate and Surface SMA pavements. All other activities will be constructed concurrently with these items. Milestones will be reached at the completion of each activity on the EB and WB directions of I-264 and I-64.

Assumptions

Our schedule is based on several assumptions that were discussed throughout the procurement process. We anticipate a Notice to Proceed by January 9, 2014, to finalize the design and begin preparing for construction. We anticipate all THMACO let on previous contracts in 2013 will be completed, and no time in our schedule has been allotted for any items left unfinished. Also, we assume all current asphalt surfaces will not be improved with this contract or in the contract timeframe. If VDOT elects to revise any existing cross slopes on the Interstate, additional time may be necessary for the design and installation of additional drainage.

Design

The Branscome Team eagerly awaits the 2014 construction season and understands elements of the design must be accelerated to ensure construction can begin as soon as weather permits. The design package will be separated into two different packages. The first package will focus on all work items on I-264. The second package will include all construction tasks on I-64. We have allotted adequate time for review of submissions in the schedule, and we plan to have the superelevation report submission to VDOT immediately following the Notice to Proceed. We will accomplish this by beginning our design activities directly following the Notice of Intent to Award. The team will conduct weekly meetings on the progress of the design, and as

construction starts these meetings will be incorporated into the weekly progress meetings held by the Construction Manager.

Construction

The Branscome Team has split the project into segments. These segments are defined by existing overpasses and bridges. As per the Branscome SOQ, the team will use these natural stopping points as the general phasing pattern with the end result of turning over usable sections that are 100% complete.

Upon award of the contract, the Branscome Team will immediately begin preparing and finalizing all design submittals for approval. The priorities of the completion and submission of finalized design will match the critical items needed to begin work on the project by May.

Branscome plans to begin construction in May 2014 once weather temperatures permit. Focus will be given to all surface improvements still remaining to include concrete patching, joint seal, and pavement marking eradication. We will also begin construction of the median barrier walls that require height adjustments. The general phasing of construction is as follows:

Phase 1: EB I-264 and EB I-64 Median Barrier Wall height adjustments. As the EB lanes are finished the crews will immediately begin on the WB lanes.
Phase 2: Begin installation of SMA 19.0 starting on EB I-264. The paving progression will follow the completion of the Median Barrier Walls.
Phase 3: Install SMA 12.5 starting on EB I-264 and finish all other construction activities per segment. This paving and completion of each segment will follow the progression of the first two phases.

As each activity is completed to the point that there is adequate space for the next activity to start, we will proceed through the job completing items from I-264 EB to I-264 WB and I-64 EB to I-64 WB. We will have multiple crews working on this project and will pursue construction activities on both I-264 and I-64 simultaneously. As noted in our SOQ, Branscome will have multiple crews working from multiple asphalt facilities to ensure that the project is completed well within the scheduled timeframe.

Based on the normal weather experienced in Norfolk, VA, Branscome does not expect to complete any major items of work from November 2014 to March 2015. Our schedule has been created to include this period of low production and still accomplish all construction items by November 13, 2015. If we experience a milder winter than average, we will pursue work items whenever available; however, our schedule reflects the longest path and most realistic constraints.

Schedule Management

Weekly scheduling meetings will be held by the Construction Manager to establish two and three week forecast schedules. Representatives of all team member firms as well as subcontractors will be present at these meetings to ensure project information is clearly communicated to each key element involved. Monthly progress meetings will be held by the Design Build Project Manager with all key personnel attending. These meetings will focus on the design, QA/QC needs, and the overall construction schedule.

The Branscome Team recognizes that managing the project schedule effectively is the best way to complete the project to everyone's satisfaction. Through open communication and team work we will ensure that all team members understand the short and long term project needs. All team members will be given available time and resources to meet or exceed the schedule requirements. We will continuously document, track, and mitigate any risks to the critical path. We will create and maintain look ahead schedules so each team member can allocate the necessary resources to keep their portion of the project on track.

The Branscome Team will aggressively approach the project schedule starting at the Notice of Intent to Award. As schedules are created and maintained, our team will evaluate any potential delays. In the event of a schedule delay, the team will develop a strategy to use all necessary resources to recover from the delay without a negative impact to VDOT or the traveling public. Our team is committed to delivering a high quality project on schedule and within budget.

Appendices

ATTACHMENT 11.8.6(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.

b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;

c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1) b) of this certification; and

d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	October 24, 2013	**Vice President**
Signature	Date	Title

Branscome Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Signature _____ Date 10/16/2013 Executive Vice President Title

Dewberry Consultants LLC
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

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2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Kunal Gangadhyay 10/24/2013 First Exec. Vice President
Signature Date Title

EBA Engineering, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

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Signature	10/16/13 Date	Partner Title

Pulsar Advertising
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

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Edward M Cox — 10/16/13 — Vice President

Signature — Date — Title

AeroMetric, Inc.

Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

J Randy Wirt 10/22/13 VICE PRESIDENT
Signature Date Title

ECS MID-ATLANTIC, LLC
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

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SAMUEL H KIRBY JR 10/16/13 PRESIDENT

Signature Date Title

Froehling & Robertson, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-122-009, N501

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Signature	Date	Title
	10/13/13	CEO

NXL Construction Company, Inc.
Name of Firm