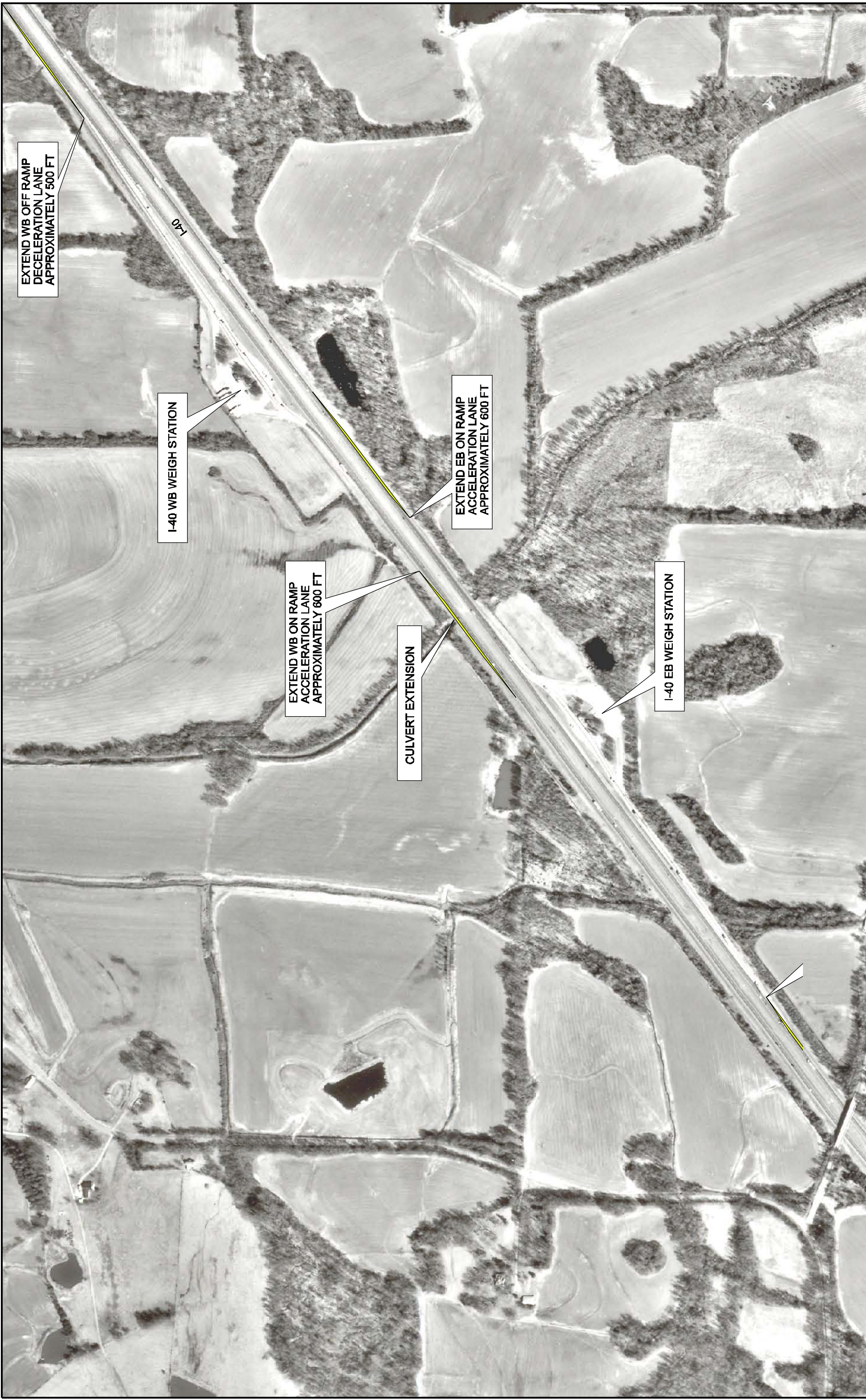


Appendix C

Concept Designs for Operational Improvements along I-40 and I-81



EXTEND WB OFF RAMP
DECELERATION LANE
APPROXIMATELY 500 FT

I-40 WB WEIGH STATION

EXTEND WB ON RAMP
ACCELERATION LANE
APPROXIMATELY 600 FT

CULVERT EXTENSION

EXTEND EB ON RAMP
ACCELERATION LANE
APPROXIMATELY 600 FT

I-40 EB WEIGH STATION

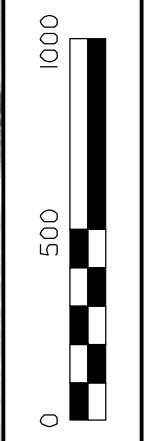
REVISIONS

DATE	BY	DESCRIPTION

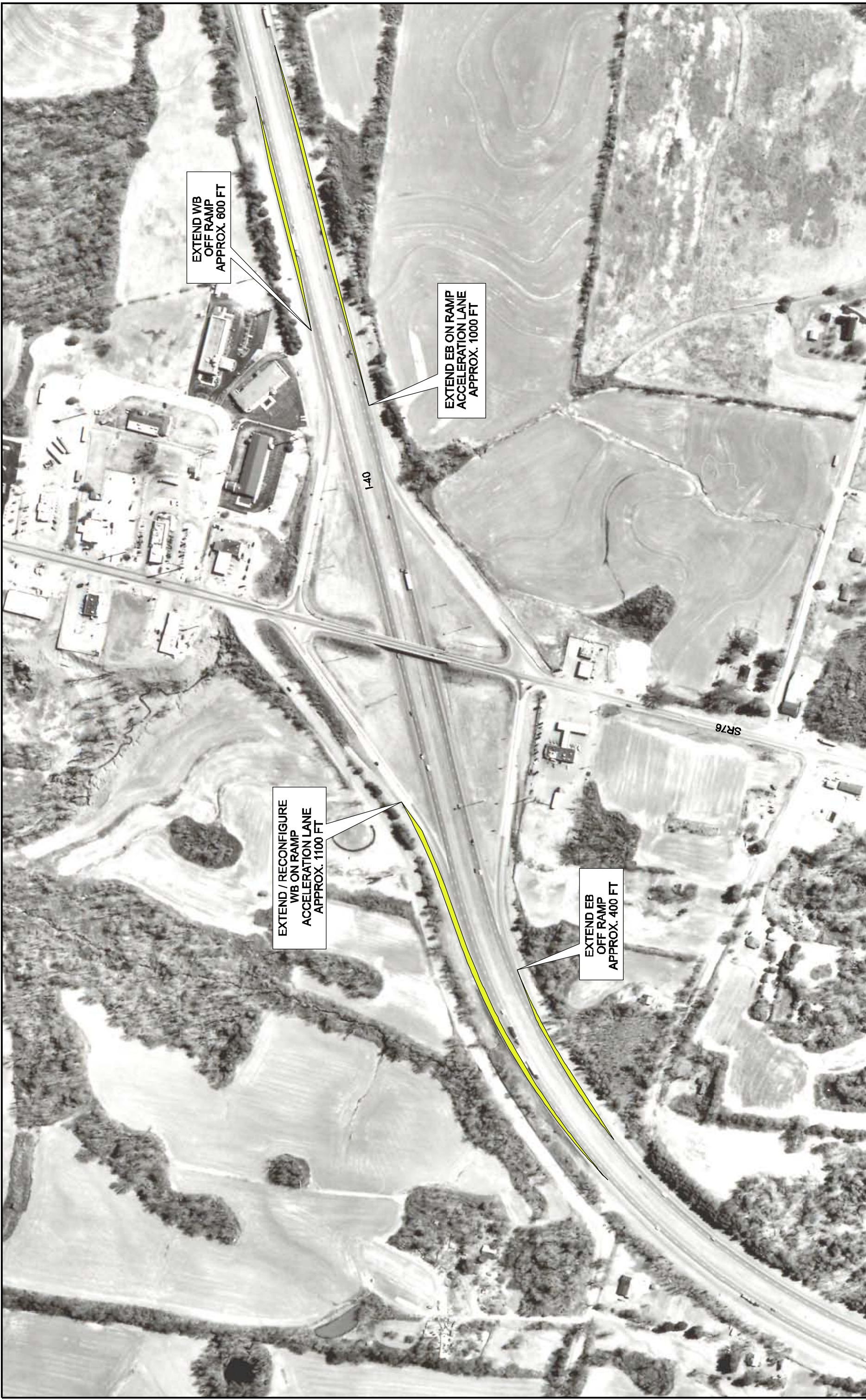
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
.....
INCOMPLETE PLANS

PB PARSONS BRINCKERHOFF
1900 CHURCH STREET
SUITE 203
NASHVILLE, TN 37203

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION	
ROAD NAME	COUNTY
INTERSTATE 40	HAYWOOD
APPROXIMATE LOG MILE	
LM 8.33	



WEIGH STATION RAMP LENGTHS
IMPROVEMENT CONCEPT PLAN
TN I-40 / I-81 OPERATIONS
IMPROVEMENTS STUDY



REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">DATE</th> <th style="width: 15%;">BY</th> <th style="width: 70%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	BY	DESCRIPTION				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION</td> <td style="width: 50%;">INCOMPLETE PLANS</td> </tr> </table>	PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	INCOMPLETE PLANS			I-40 AND SR-76 INTERCHANGE IMPROVEMENT CONCEPT PLAN <small>TN I-40 / I-81 OPERATIONS</small> <small>IMPROVEMENTS STUDY</small>
DATE	BY	DESCRIPTION											
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	INCOMPLETE PLANS												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">STATE OF TENNESSEE</td> </tr> <tr> <td colspan="2" style="text-align: center;">DEPARTMENT OF TRANSPORTATION</td> </tr> <tr> <td style="width: 50%;">ROAD NAME</td> <td style="width: 50%;">COUNTY</td> </tr> <tr> <td>INTERSTATE 40 EXIT 56</td> <td>HAYWOOD</td> </tr> <tr> <td colspan="2" style="text-align: right;">APPROXIMATE LOG MILE</td> </tr> <tr> <td colspan="2" style="text-align: right;">LM 12.86</td> </tr> </table>		STATE OF TENNESSEE		DEPARTMENT OF TRANSPORTATION		ROAD NAME	COUNTY	INTERSTATE 40 EXIT 56	HAYWOOD	APPROXIMATE LOG MILE		LM 12.86	
STATE OF TENNESSEE													
DEPARTMENT OF TRANSPORTATION													
ROAD NAME	COUNTY												
INTERSTATE 40 EXIT 56	HAYWOOD												
APPROXIMATE LOG MILE													
LM 12.86													
PARSONS BRINCKERHOFF 1900 CHURCH STREET SUITE 203 NASHVILLE, TN 37203													

NOTE: SIGNAGE SHALL BE MODIFIED ACCORDING TO NEW INTERCHANGE CONFIGURATIONS.



PROPOSED TRAFFIC SIGNAL (ON BRIDGE)

SEE FIGURE 3-3A

MATCH LINE

FULL AUXILIARY LANE BETWEEN INTERCHANGES

FULL AUXILIARY LANE BETWEEN INTERCHANGES

REMOVE LOOP

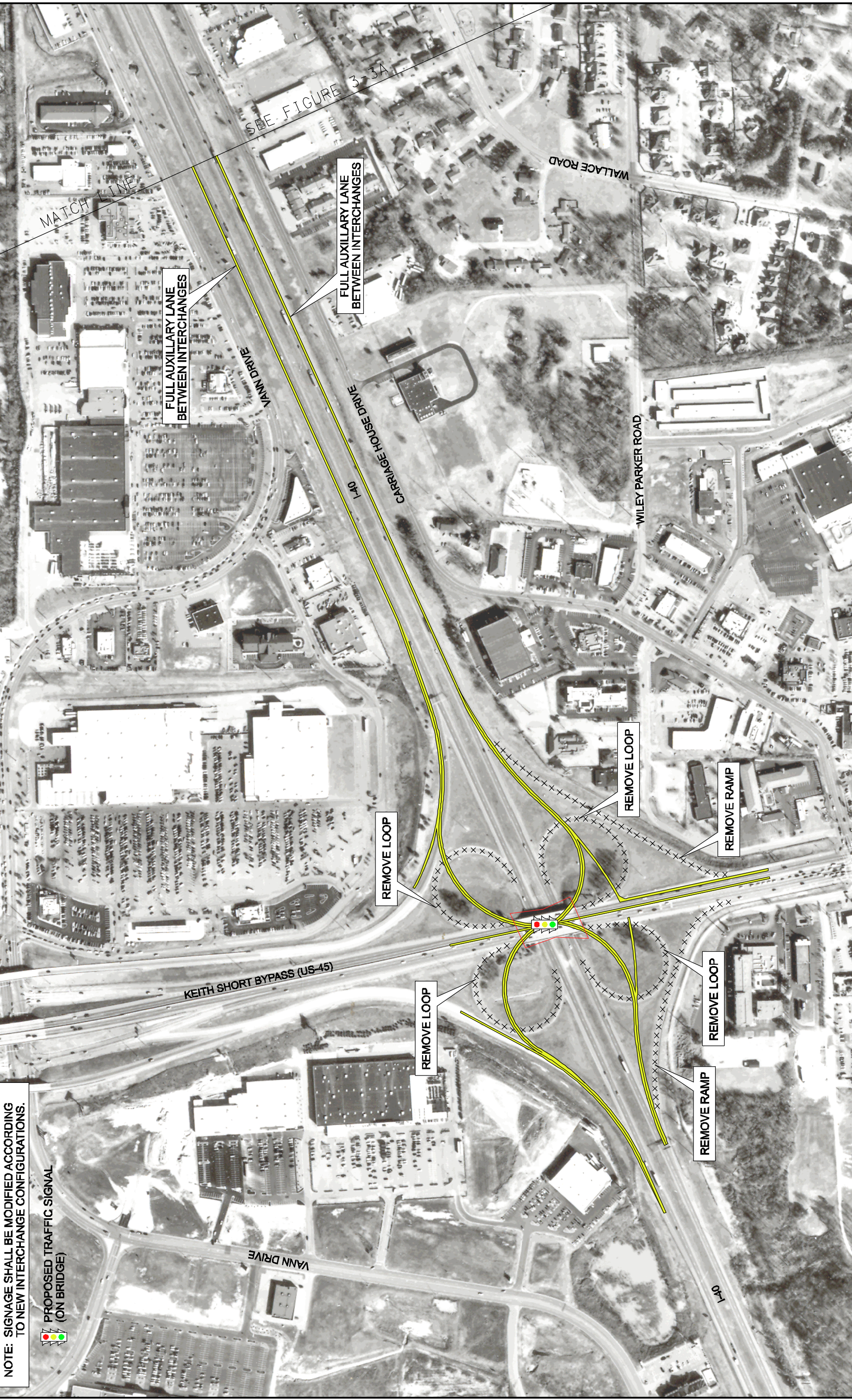
REMOVE LOOP

REMOVE LOOP

REMOVE LOOP

REMOVE RAMP

REMOVE RAMP

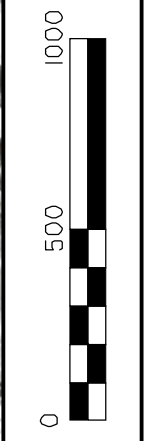
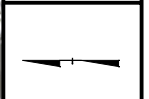


REVISIONS	
DATE	DESCRIPTION

PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	INCOMPLETE PLANS
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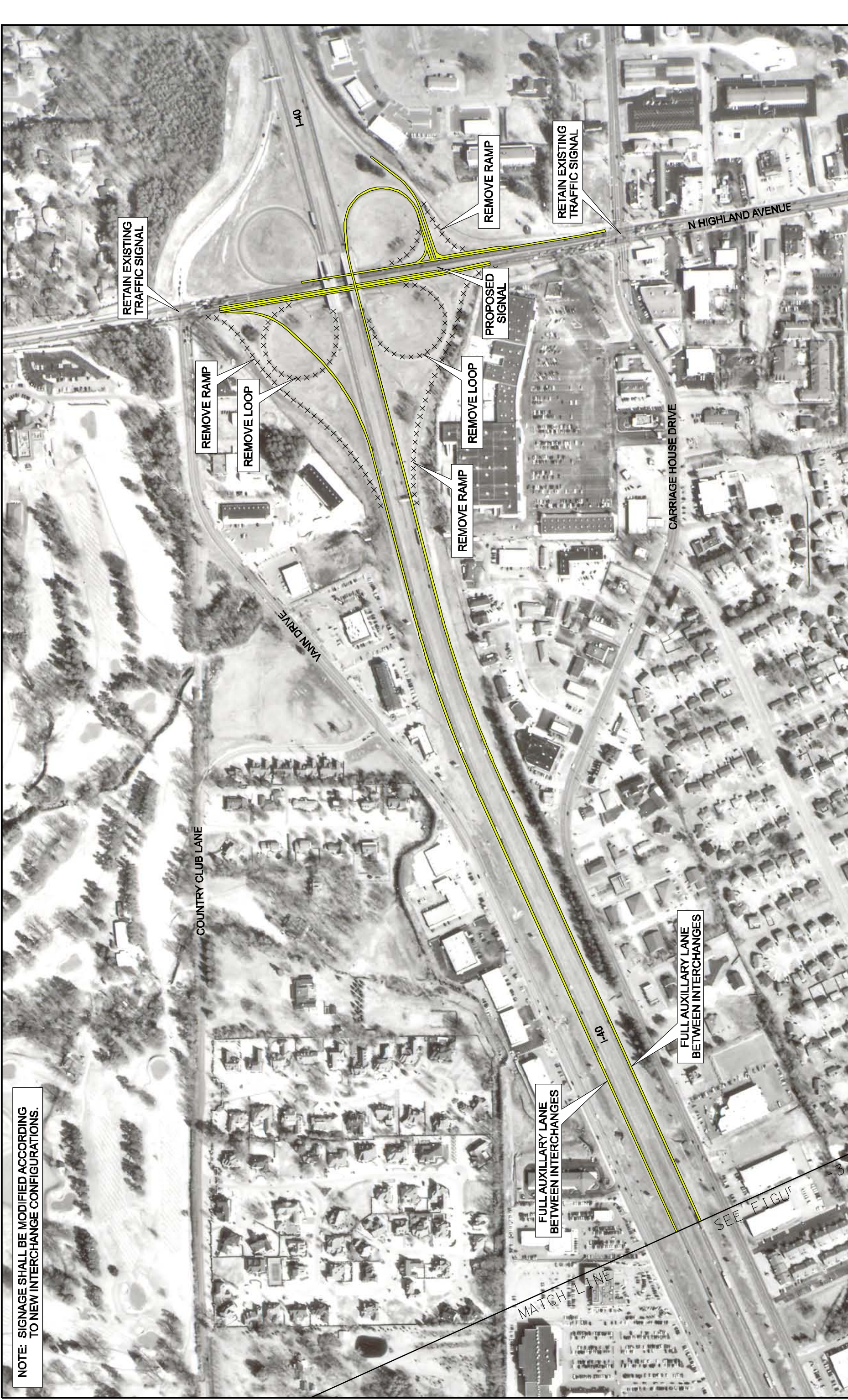
PB PARSONS BRINCKERHOFF
1900 CHURCH STREET
SUITE 203
NASHVILLE, TN 37203

STATE OF TENNESSEE	
DEPARTMENT OF TRANSPORTATION	
ROAD NAME	COUNTY
INTERSTATE 40	MADISON
APPROXIMATE LOG MILE	
LM 14.77	



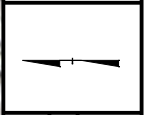
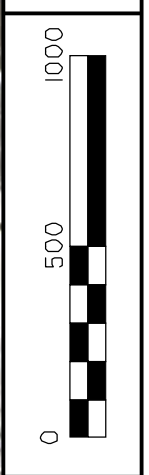
I-40 AND US-45 INTERCHANGE REDESIGN
IMPROVEMENT CONCEPT PLAN
TN I-40 / I-81 OPERATIONS
IMPROVEMENTS STUDY

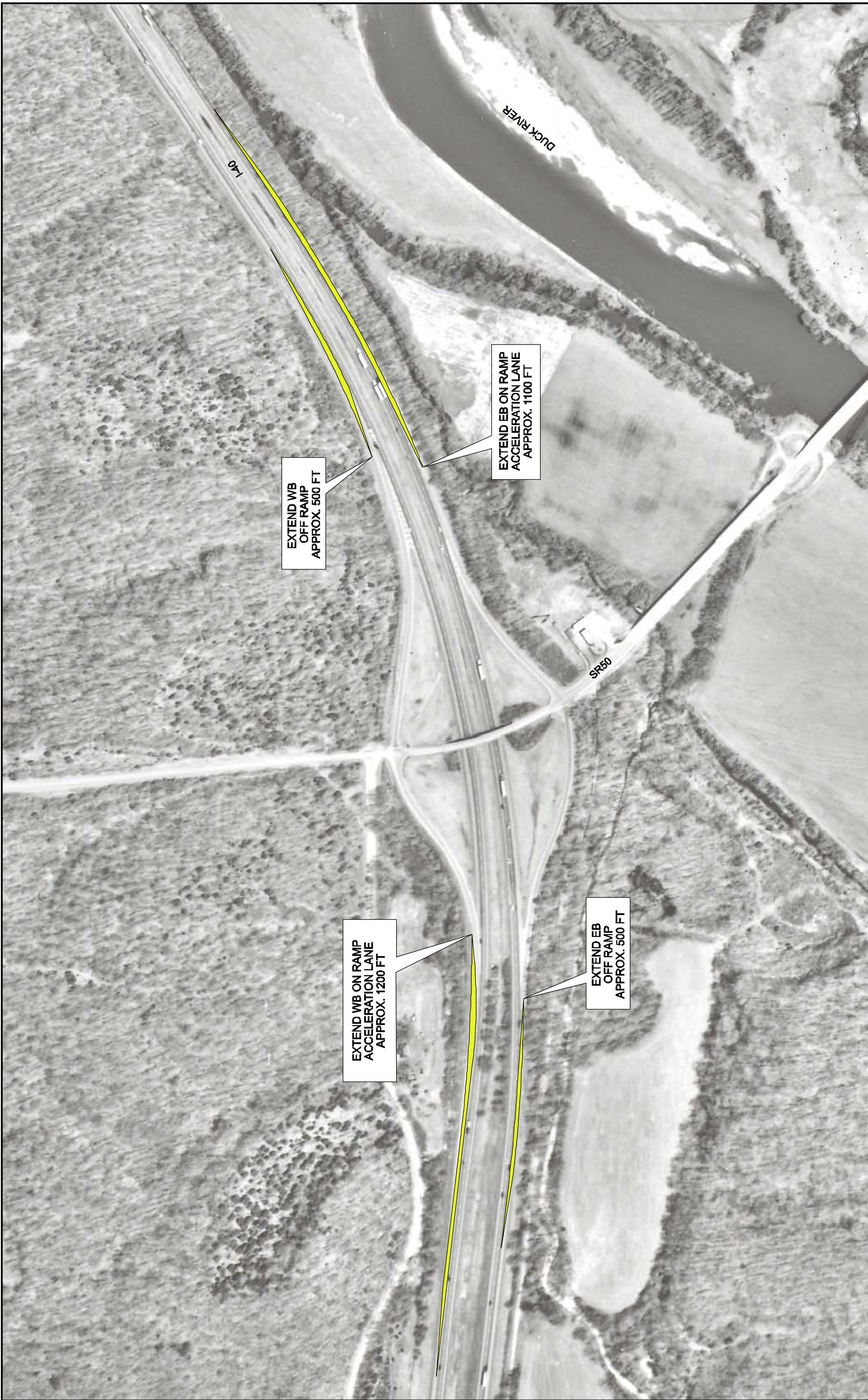
NOTE: SIGNAGE SHALL BE MODIFIED ACCORDING TO NEW INTERCHANGE CONFIGURATIONS.



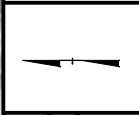
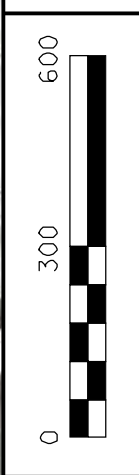
<p>STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION</p>		<p>APPROXIMATE LOG MILE LM 14.77</p>							
<p>ROAD NAME INTERSTATE 40</p>	<p>COUNTY MADISON</p>	<p>APPROXIMATE LOG MILE LM 14.77</p>							
<p>PARSONS BRINCKERHOFF 1900 CHURCH STREET SUITE 203 NASHVILLE, TN 37203</p>									
<p>PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION</p>		<p>INCOMPLETE PLANS</p>							
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DATE	BY	DESCRIPTION							

I-40 AND US-45 INTERCHANGE REDESIGN
IMPROVEMENT CONCEPT PLAN
TN I-40 / I-81 OPERATIONS
IMPROVEMENTS STUDY





I-40 AND SR-50 INTERCHANGE
IMPROVEMENT CONCEPT PLAN
TN I-40 / I-81 OPERATIONS
IMPROVEMENTS STUDY

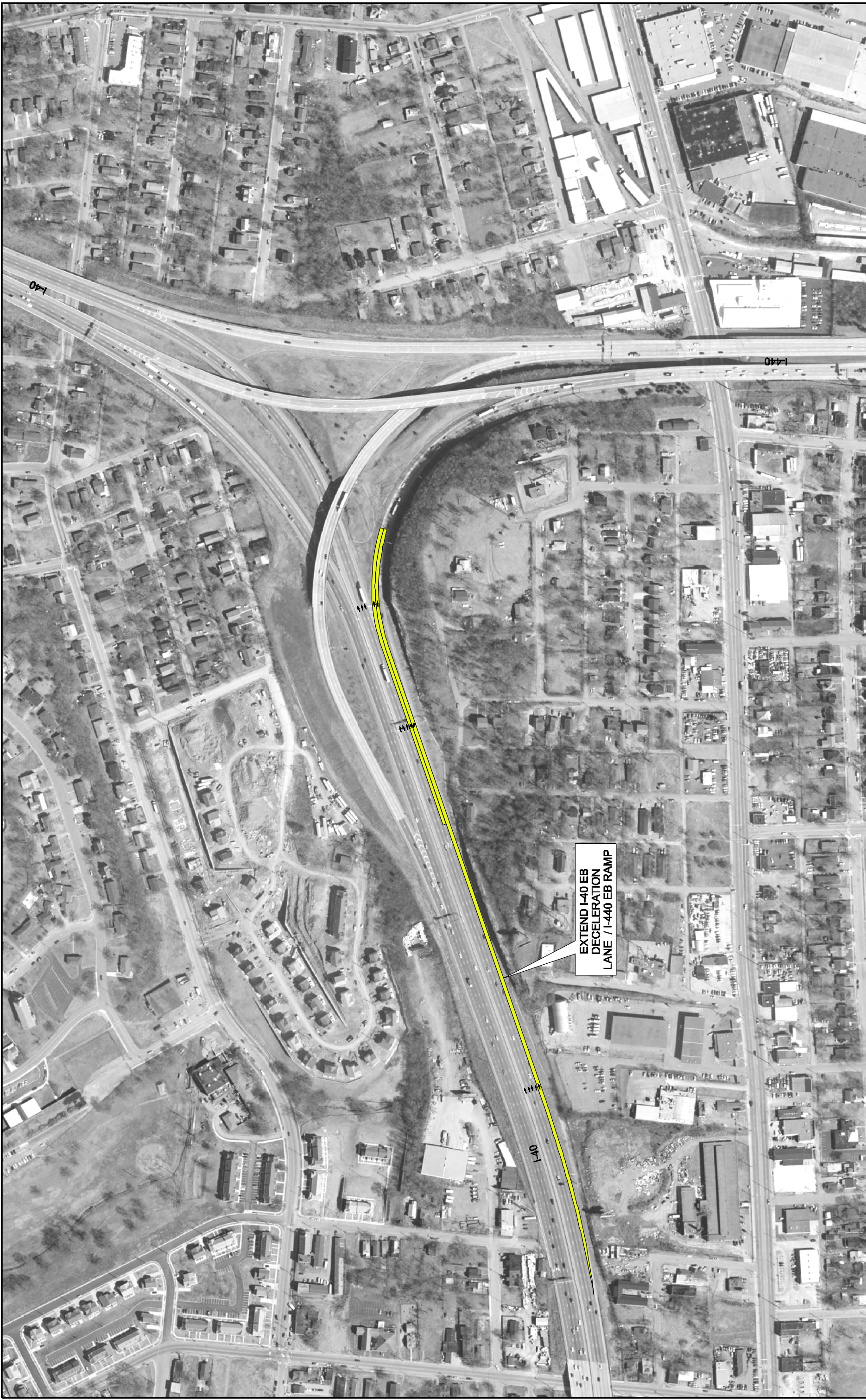


STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION		APPROXIMATE LOG MILE
ROAD NAME	COUNTY	HICKMAN
INTERSTATE 40 EXIT 148		LM 0.1

PB PARSONS BRINCKERHOFF
1900 CHURCH STREET
SUITE 203
NASHVILLE, TN 37203

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS

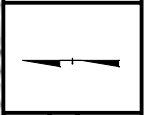
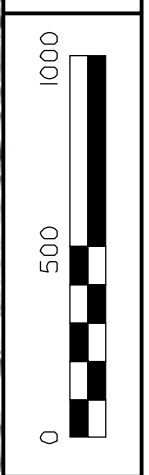
REVISIONS		DESCRIPTION
DATE	BY	



STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION		I-40 AND I-440 INTERCHANGE IMPROVEMENT CONCEPT PLAN TN I-40 / I-81 OPERATIONS IMPROVEMENTS STUDY							
ROAD NAME INTERSTATE 40 AND INTERSTATE 440		COUNTY DAVIDSON							
PROJECT ADDRESS PARSONS BRINCKERHOFF 1900 CHURCH STREET SUITE 203 NASHVILLE, TN 37203		APPROXIMATE LOG MILE LM 14.17							
REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">DATE</th> <th style="width: 80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	DESCRIPTION			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px dashed black;"> PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION </td> <td style="width: 50%; border-bottom: 1px dashed black;"> INCOMPLETE PLANS </td> </tr> </table>		PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	INCOMPLETE PLANS
DATE	DESCRIPTION								
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	INCOMPLETE PLANS								



**I-40 CLINCH RIVER BRIDGE
IMPROVEMENT CONCEPT PLAN
TN I-40 / I-81 OPERATIONS
IMPROVEMENTS STUDY**

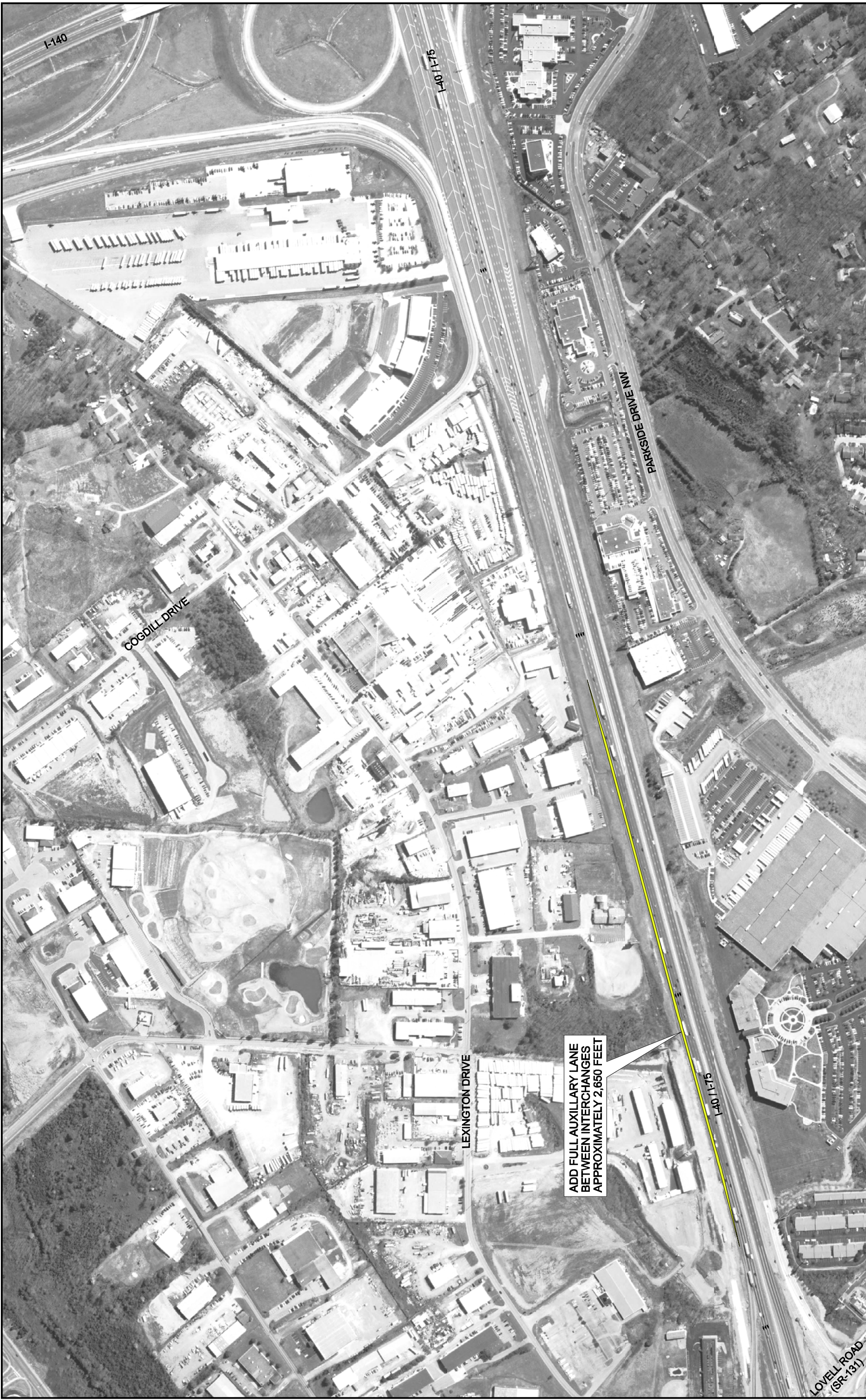


STATE OF TENNESSEE	
DEPARTMENT OF TRANSPORTATION	
ROAD NAME	COUNTY
INTERSTATE 40	ROANE
	APPROXIMATE LOG MILE
	LM 11.15

PB PARSONS BRINCKERHOFF
1900 CHURCH STREET
SUITE 203
NASHVILLE, TN 37203

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS

REVISIONS		DESCRIPTION
DATE	BY	

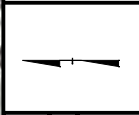
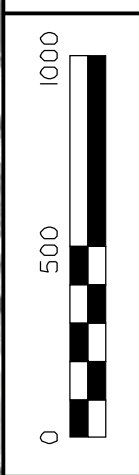


ADD FULL AUXILIARY LANE
BETWEEN INTERCHANGES
APPROXIMATELY 2,650 FEET

<p>STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION</p>		<p>INTERSTATE 40 AND INTERSTATE 40/75</p>		<p>COUNTY KNOX</p>		<p>APPROXIMATE LOG MILE LM 7.11</p>							
<p>PARSONS BRINCKERHOFF 1900 CHURCH STREET SUITE 203 NASHVILLE, TN 37203</p>		<p>PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION</p>		<p>INCOMPLETE PLANS</p>		<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	BY	DESCRIPTION			
DATE	BY	DESCRIPTION											
<p>I-140</p>		<p>I-40/I-75</p>		<p>COGDILL DRIVE</p>		<p>LEXINGTON DRIVE</p>							
<p>LOVELL ROAD (SR-131)</p>		<p>PARKSIDE DRIVE</p>		<p>0 400 800</p>		<p>1-40/I-75 AND I-140 INTERCHANGE IMPROVEMENT CONCEPT PLAN TN I-40 / I-81 OPERATIONS IMPROVEMENTS STUDY</p>							



WEIGH STATION RAMP LENGTHS
IMPROVEMENT CONCEPT PLAN
TN I-40 / I-81 OPERATIONS
IMPROVEMENTS STUDY



STATE OF TENNESSEE	
DEPARTMENT OF TRANSPORTATION	
ROAD NAME	COUNTY
INTERSTATE 40	KNOX
	APPROXIMATE LOG MILE
	LM 2.35

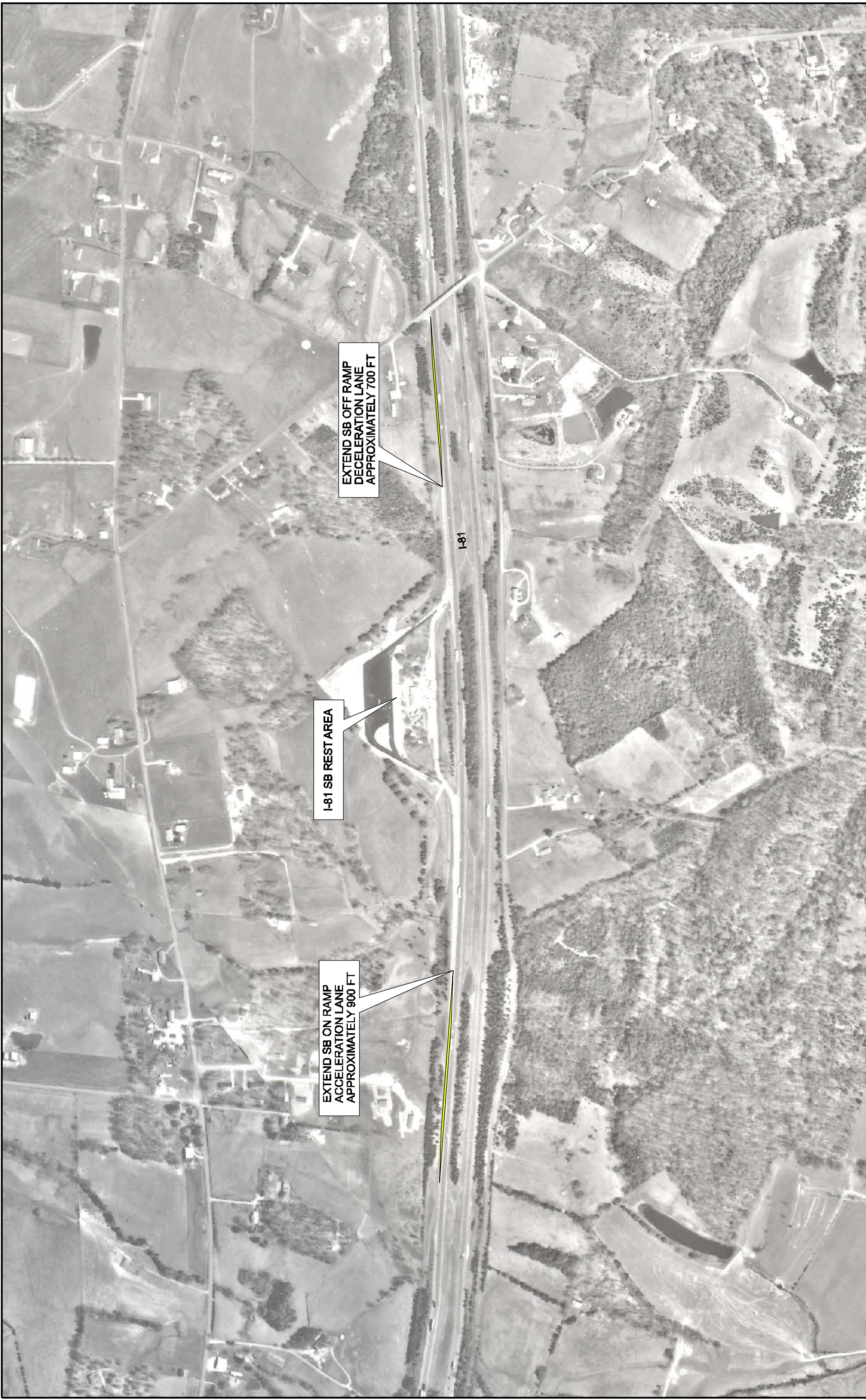
PB PARSONS BRINCKERHOFF
1900 CHURCH STREET
SUITE 203
NASHVILLE, TN 37203

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS

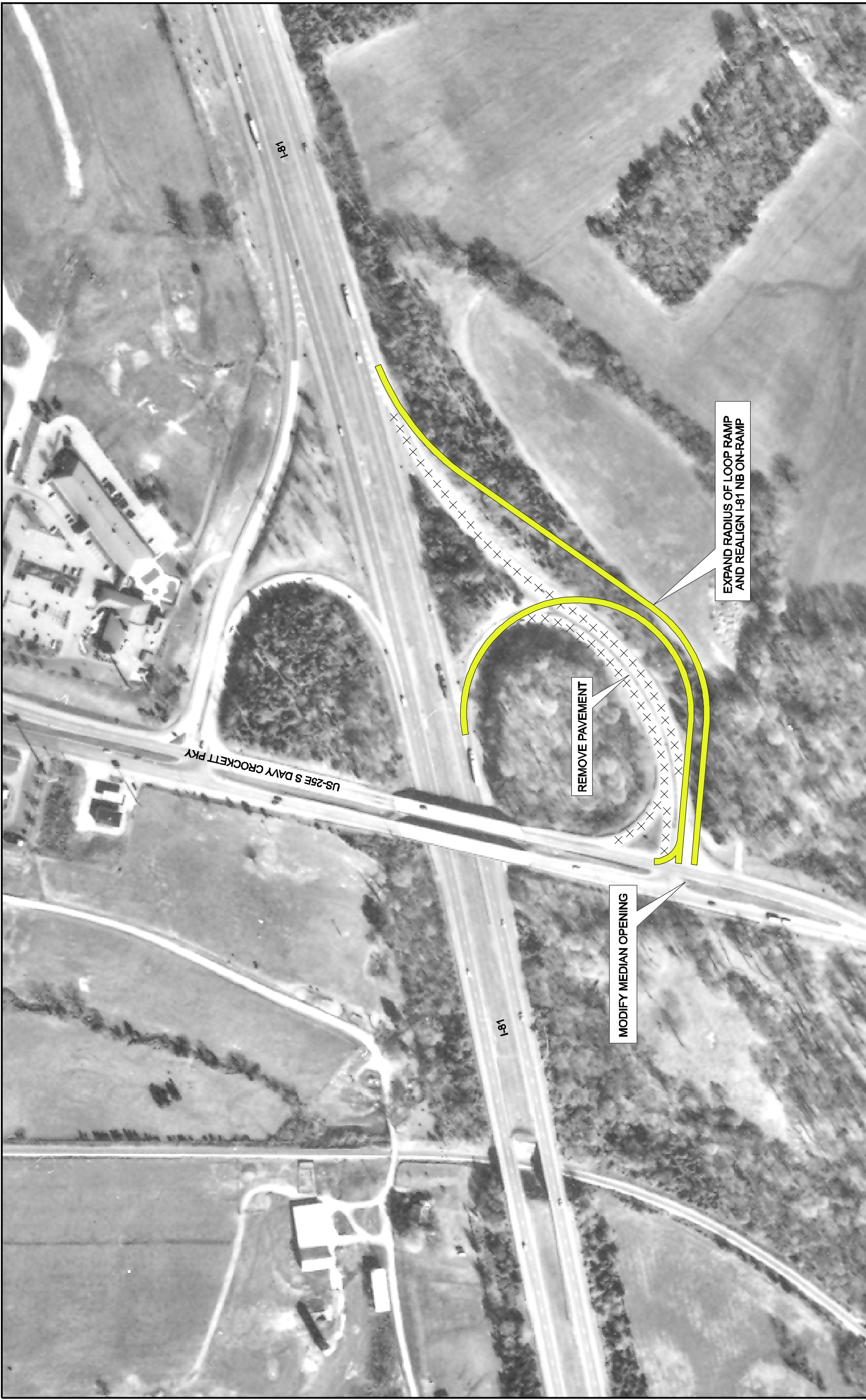
REVISIONS	
DATE	DESCRIPTION



I-40 AND I-81 INTERCHANGE IMPROVEMENT CONCEPT PLAN <small>TN I-40 / I-81 OPERATIONS IMPROVEMENTS STUDY</small>	
STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION	COUNTY JEFFERSON
ROAD NAME INTERSTATE 40 AND INTERSTATE 81	APPROXIMATE LOG MILE LM 11.28
PB PARSONS BRINCKERHOFF 1900 CHURCH STREET SUITE 203 NASHVILLE, TN 37203	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION INCOMPLETE PLANS	
REVISIONS	
DATE	DESCRIPTION
BY	DESCRIPTION

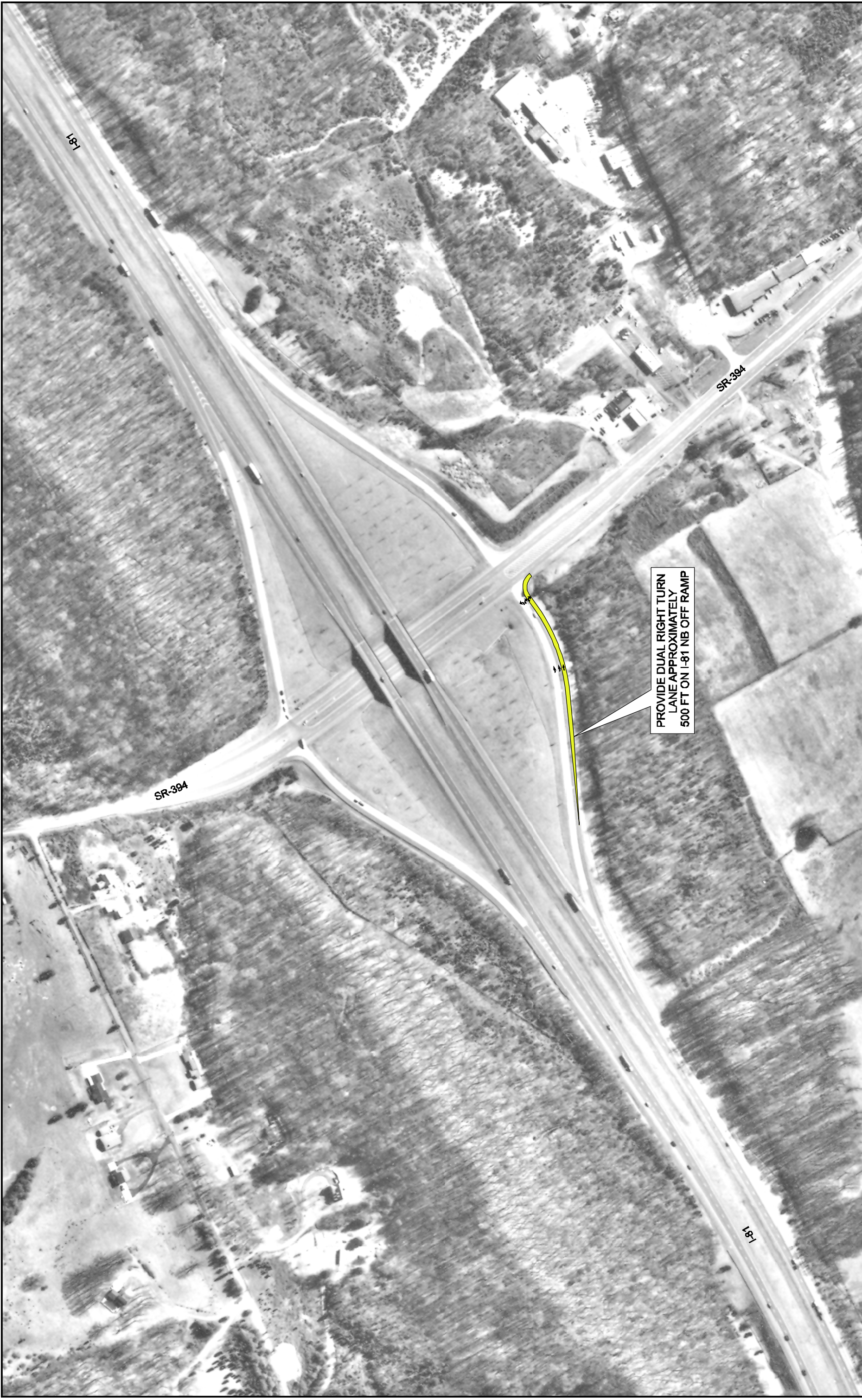


PRELIMINARY PLANS <small>DO NOT USE FOR CONSTRUCTION</small>		STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION		REST AREA RAMP LENGTHS IMPROVEMENT CONCEPT PLAN <small>TN I-40 / I-81 OPERATIONS</small> <small>IMPROVEMENTS STUDY</small>	
INCOMPLETE PLANS		ROAD NAME INTERSTATE 81	COUNTY JEFFERSON	APPROXIMATE LOG MILE LM 15.84	
REVISIONS					
DATE	BY	DESCRIPTION			



PRELIMINARY PLANS <small>DO NOT USE FOR CONSTRUCTION</small>		STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION	I-81 EXIT 8 MORRISTOWN INTERCHANGE IMPROVEMENT CONCEPT PLAN	
<small>INCOMPLETE PLANS</small>		ROAD NAME INTERSTATE 81	COUNTY HAMILLEN	APPROXIMATE LOG MILE LM 0.38
REVISIONS				
DATE	BY	DESCRIPTION		
		TN I-40 / I-81 OPERATIONS IMPROVEMENTS STUDY		

PARSONS BRINCKERHOFF
 1900 CHURCH STREET
 SUITE 203
 NASHVILLE, TN 37203



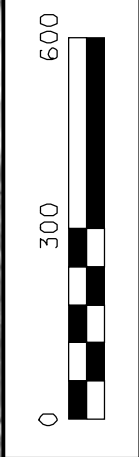
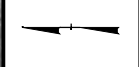
PROVIDE DUAL RIGHT TURN
LANE APPROXIMATELY
500 FT ON I-81 NB OFF RAMP

REVISIONS	
DATE	DESCRIPTION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
.....
INCOMPLETE PLANS

PARSONS BRINCKERHOFF
1900 CHURCH STREET
SUITE 203
NASHVILLE, TN 37203

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION	
ROAD NAME	COUNTY
INTERSTATE 81	SULLIVAN
APPROXIMATE LOG MILE	
LM 15.54	



I-81 EXIT 69 BRISTOL SPEEDWAY RAMP
IMPROVEMENT CONCEPT PLAN
TN I-40 / I-81 OPERATIONS
IMPROVEMENTS STUDY

NOTE: SIGNAGE SHALL BE MODIFIED ACCORDING TO NEW INTERCHANGE CONFIGURATIONS.



<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	BY	DESCRIPTION				<p>PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION</p> <p>INCOMPLETE PLANS</p>	<p>PB PARSONS BRINCKERHOFF 1900 CHURCH STREET SUITE 203 NASHVILLE, TN 37203</p>	<p>STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <td>ROAD NAME</td> <td>COUNTY</td> <td>APPROXIMATE LOG MILE</td> </tr> <tr> <td>INTERSTATE 81</td> <td>SULLIVAN</td> <td>LM 3.32</td> </tr> </table>	ROAD NAME	COUNTY	APPROXIMATE LOG MILE	INTERSTATE 81	SULLIVAN	LM 3.32	<p>0 500 1000</p>	<p>I-81 AND I-26 INTERCHANGE REDESIGN IMPROVEMENT CONCEPT PLAN</p> <p>TN I-40 / I-81 OPERATIONS IMPROVEMENTS STUDY</p>
DATE	BY	DESCRIPTION																
ROAD NAME	COUNTY	APPROXIMATE LOG MILE																
INTERSTATE 81	SULLIVAN	LM 3.32																