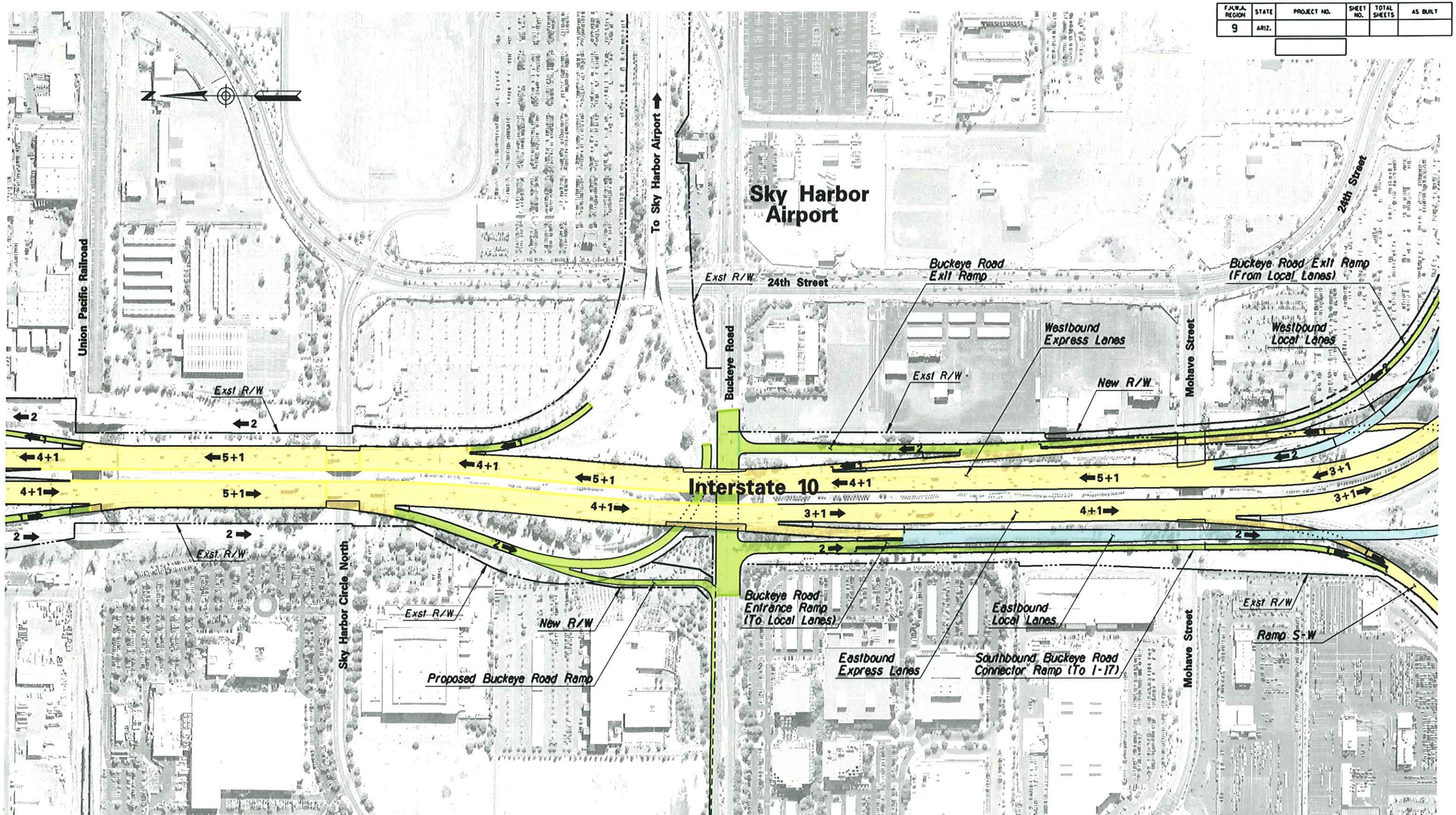
APPENDIX E

Other Options Considered

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



APPENDIX E

	NAME	DATE
DESIGN	CBB	03/07
DRAWN	WBE	03/07
CHECKED	SDW	03/07

DMJM HARRIS
2777 E. CAMELBACK ROAD SUITE 200
PHOENIX, AZ. 85016-4302 (602) 337-2777

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

Buckeye Road Slip Ramp

ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

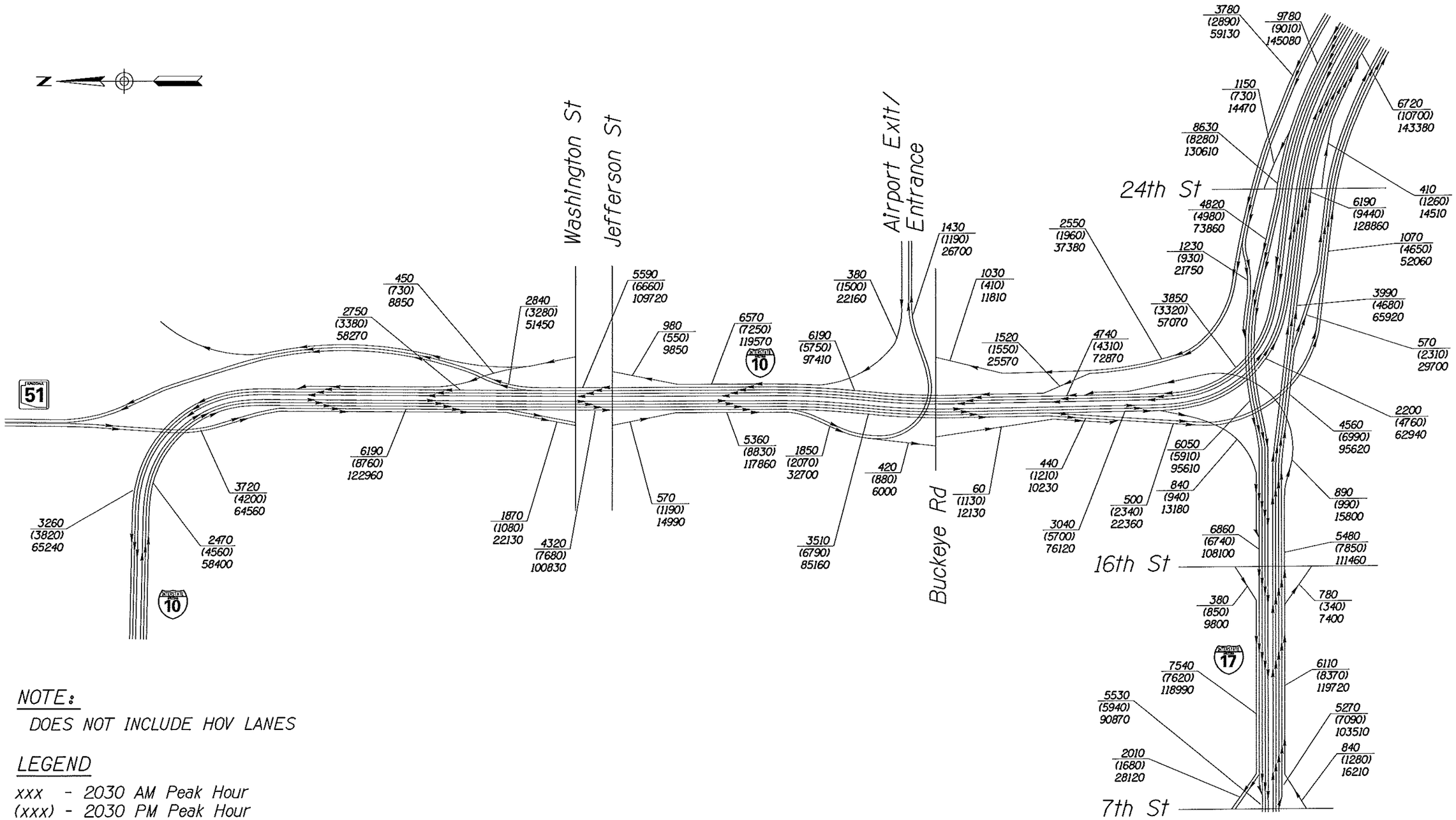
TRACS NO. H545401L

DWG. NO. 1
___ OF ___

DRAFT

3/14/2007 N:\5445\Prod\ASR\OTHER\5445_Buckeye_01.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



NOTE:

DOES NOT INCLUDE HOV LANES

LEGEND

xxx - 2030 AM Peak Hour
(xxx) - 2030 PM Peak Hour
xxxx - 2030 Average Daily Traffic

I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX E
BUCKEYE ROAD SLIP RAMP
2030 TRAFFIC VOLUMES
SHEET 1 OF 1

n:\5445\Design\tra\2030 ASR GRAPHICS\Buckeye Rd\Buckvol1.dgn

3/15/2007

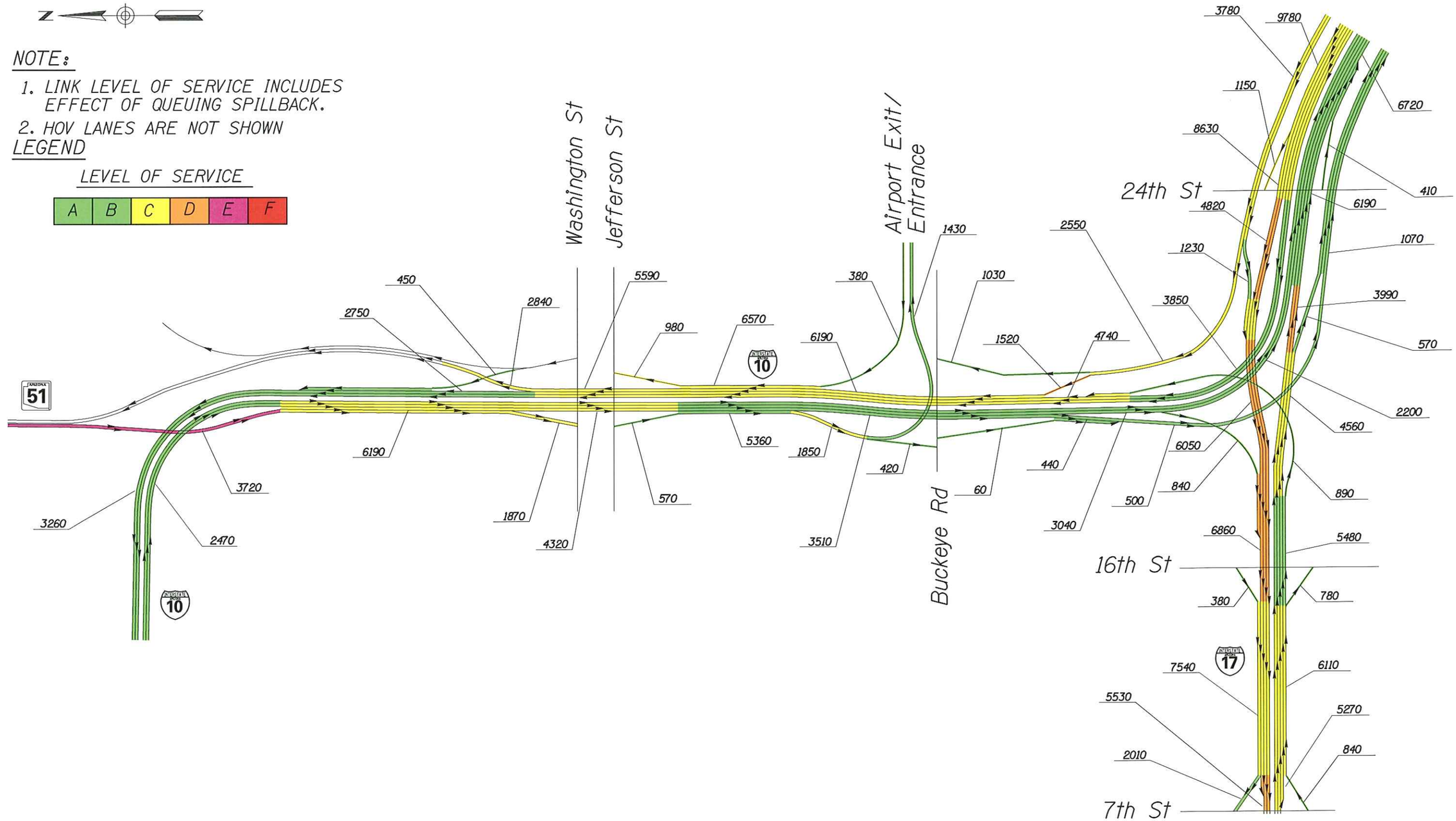
NOTE:

1. LINK LEVEL OF SERVICE INCLUDES EFFECT OF QUEUING SPILLBACK.
2. HOV LANES ARE NOT SHOWN

LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX E
BUCKEYE ROAD SLIP RAMP
2030 AM LEVEL OF SERVICE
SHEET 1 OF 1

n:\5445\Design\tra\2030 ASR GRAPHICS\Buckeye Rd\BuckAM1.dgn

3/15/2007

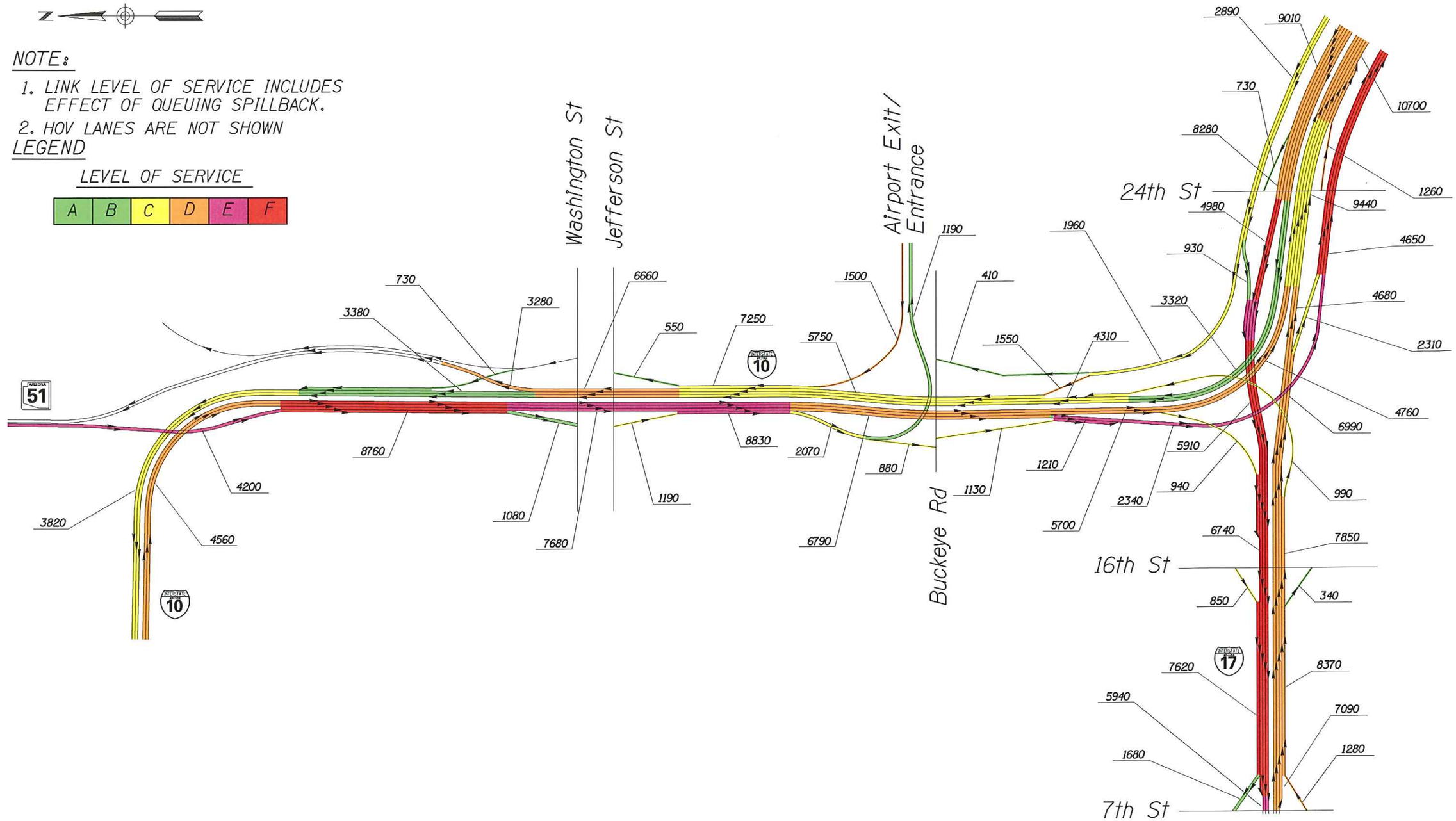
NOTE:

1. LINK LEVEL OF SERVICE INCLUDES EFFECT OF QUEUING SPILLBACK.
2. HOV LANES ARE NOT SHOWN

LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX E
BUCKEYE ROAD SLIP RAMP
2030 PM LEVEL OF SERVICE
SHEET 1 OF 1

3/15/2007

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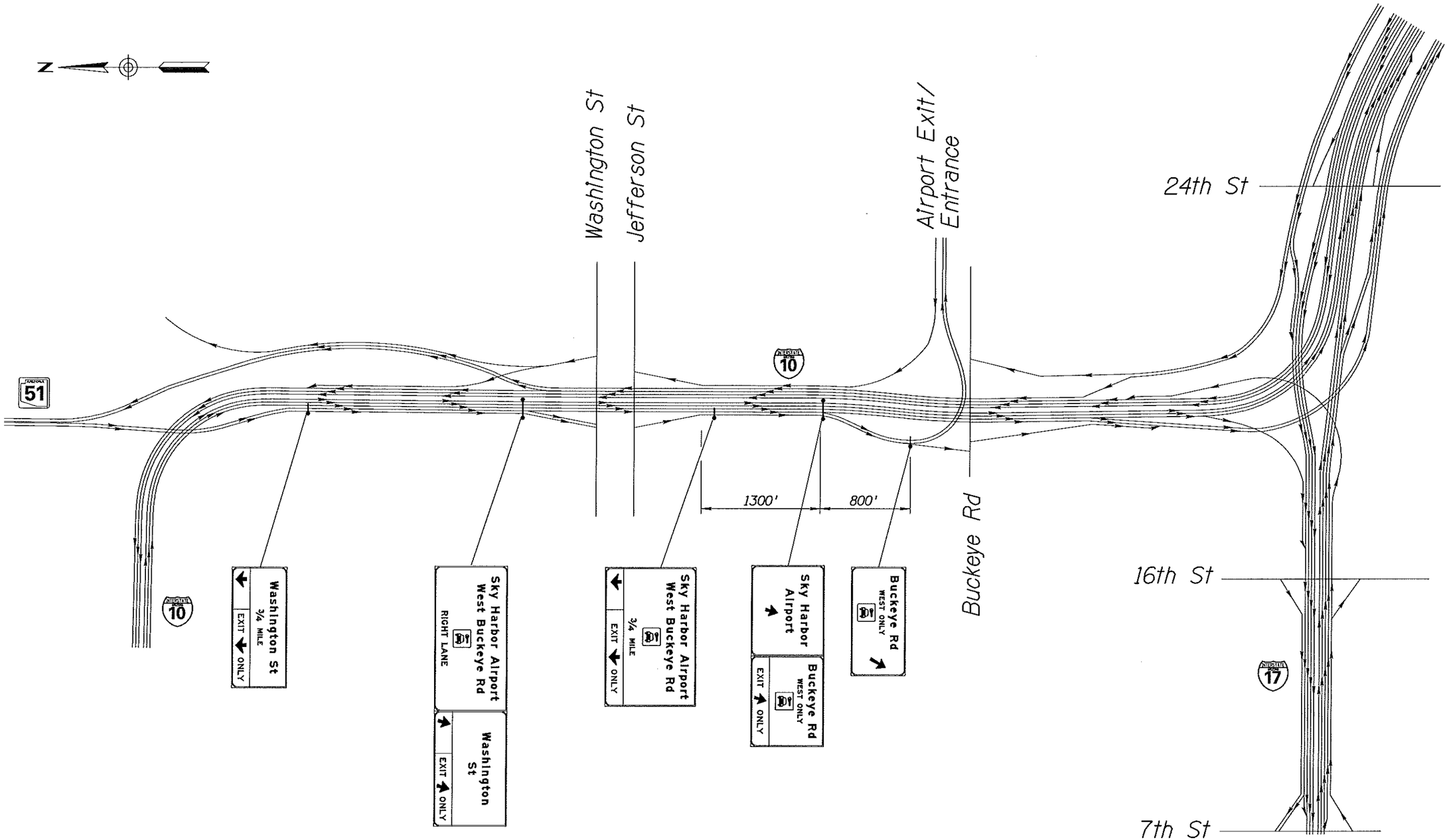


I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

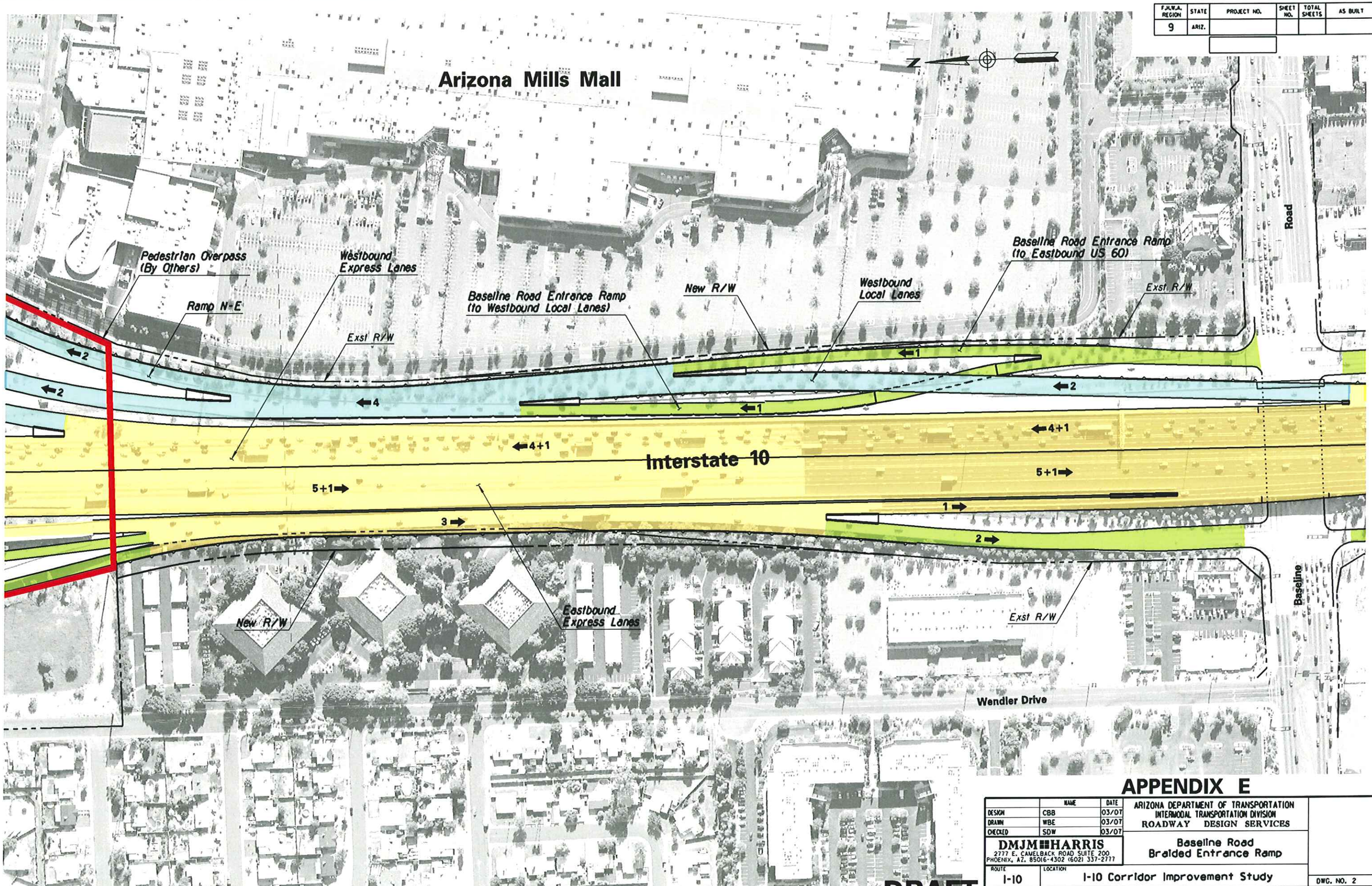
NOT TO SCALE - SCHEMATIC ONLY

APPENDIX E
BUCKEYE ROAD SLIP RAMP
2030 SIGNING
SHEET 1 OF 1

n:\5445\Design\tra\2030 ASR GRAPHICS\Buckeye Rd\signs.dgn

3/15/2007

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



APPENDIX E

	NAME	DATE
DESIGN	CBB	03/07
DRAWN	WBE	03/07
CHECKED	SDW	03/07

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

DMJM HARRIS
2777 E. CAMELBACK ROAD SUITE 200
PHOENIX, AZ. 85016-4302 (602) 337-2777

Baseline Road
Braided Entrance Ramp

ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

DWG. NO. 2
___ OF ___

TRACS NO. H545401L

DRAFT

3/14/2007 N:\5445\Prod\ASR\OTHER\5445_Baseline_01.dgn

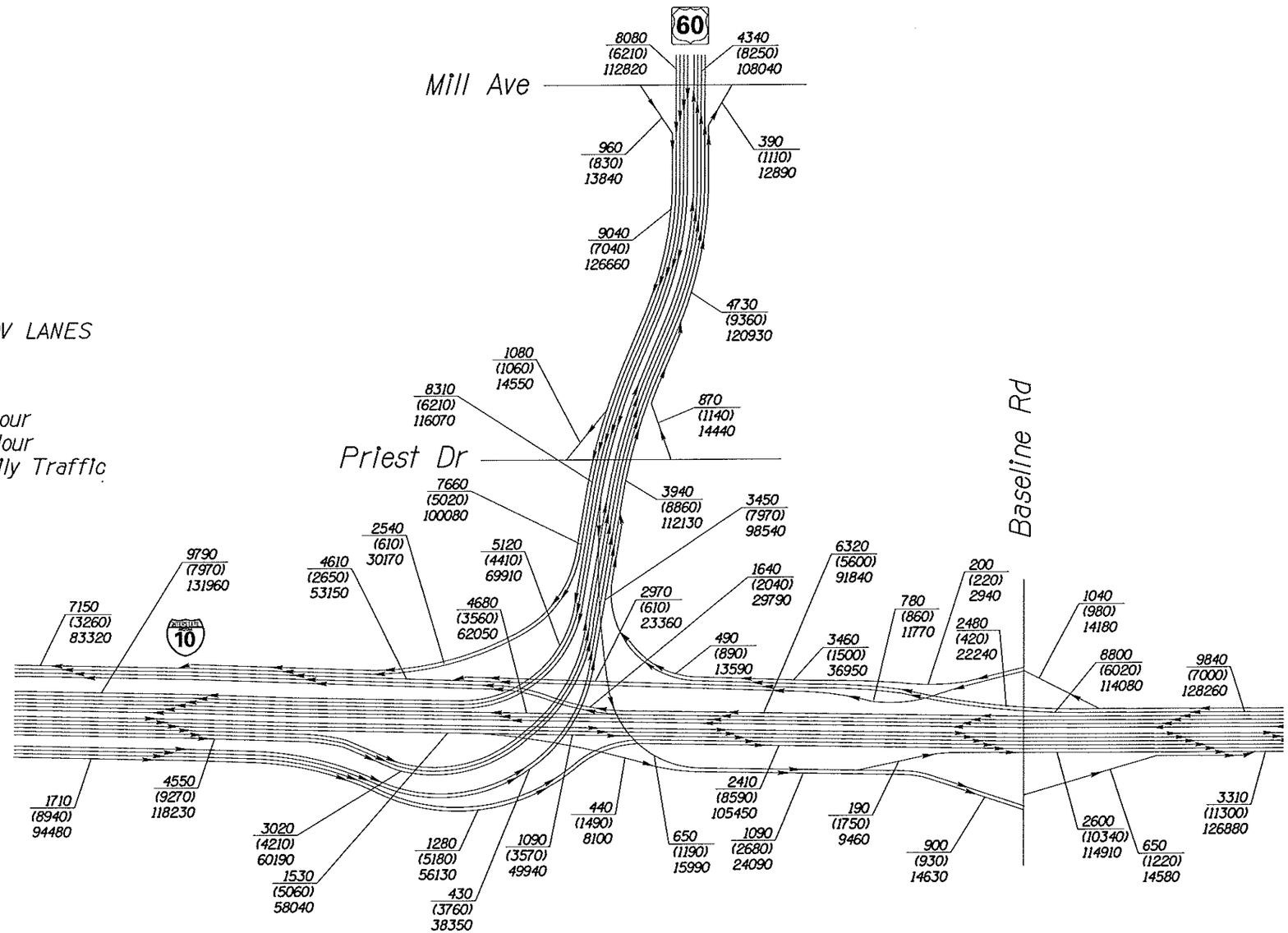
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

NOTE:

DOES NOT INCLUDE HOV LANES

LEGEND

xxx - 2030 AM Peak Hour
(xxx) - 2030 PM Peak Hour
xxxx - 2030 Average Daily Traffic



I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX E
BASELINE ROAD BRAIDED ENTRANCE
2030 TRAFFIC VOLUMES
SHEET 1 OF 1

n:\5445\Design\tra\2030 ASR GRAPHICS\Baseline\BIB-aadvol.dgn

3/15/2007

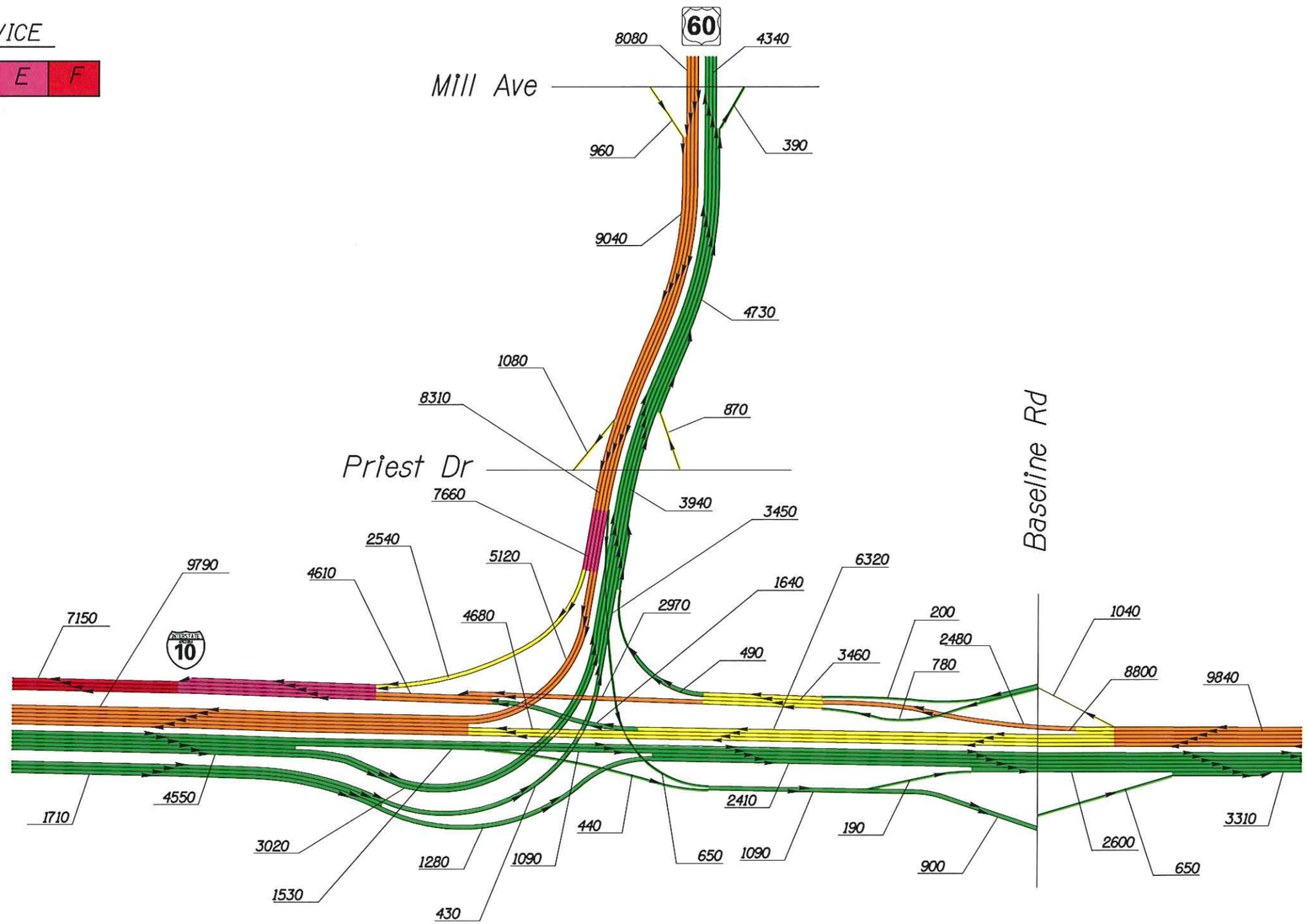
NOTE:

1. LINK LEVEL OF SERVICE INCLUDES EFFECT OF QUEUING SPILLBACK.
2. HOV LANES ARE NOT SHOWN

LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX E
BASELINE ROAD BRAIDED ENTRANCE
2030 AM LEVEL OF SERVICE
SHEET 1 OF 1

n:\5445\Design\tra\2030 ASR GRAPHICS\Baseline\BIBraidAM.dgn

3/15/2007

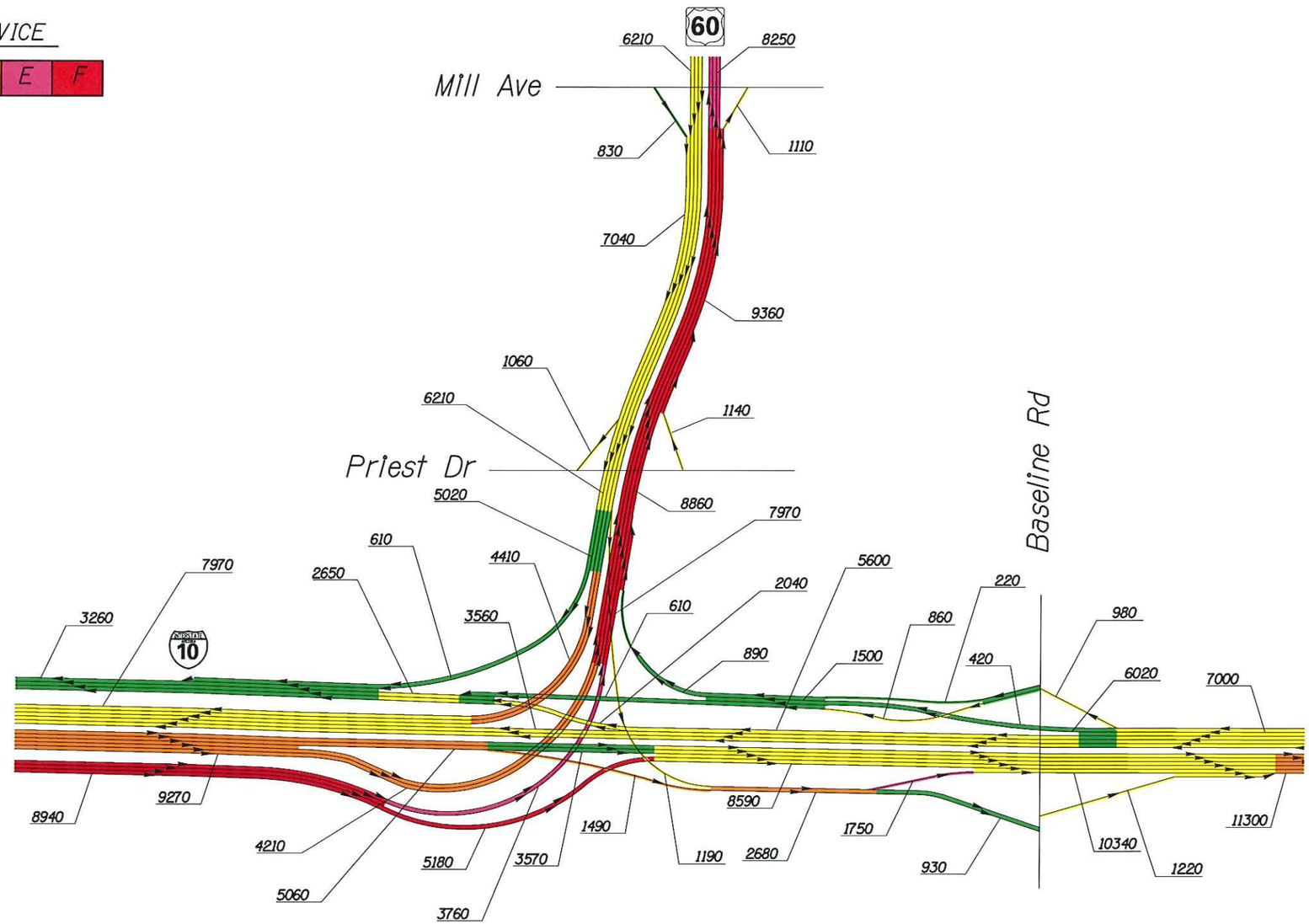
NOTE:

1. LINK LEVEL OF SERVICE INCLUDES EFFECT OF QUEUING SPILLBACK.
2. HOV LANES ARE NOT SHOWN

LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



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3/15/2007

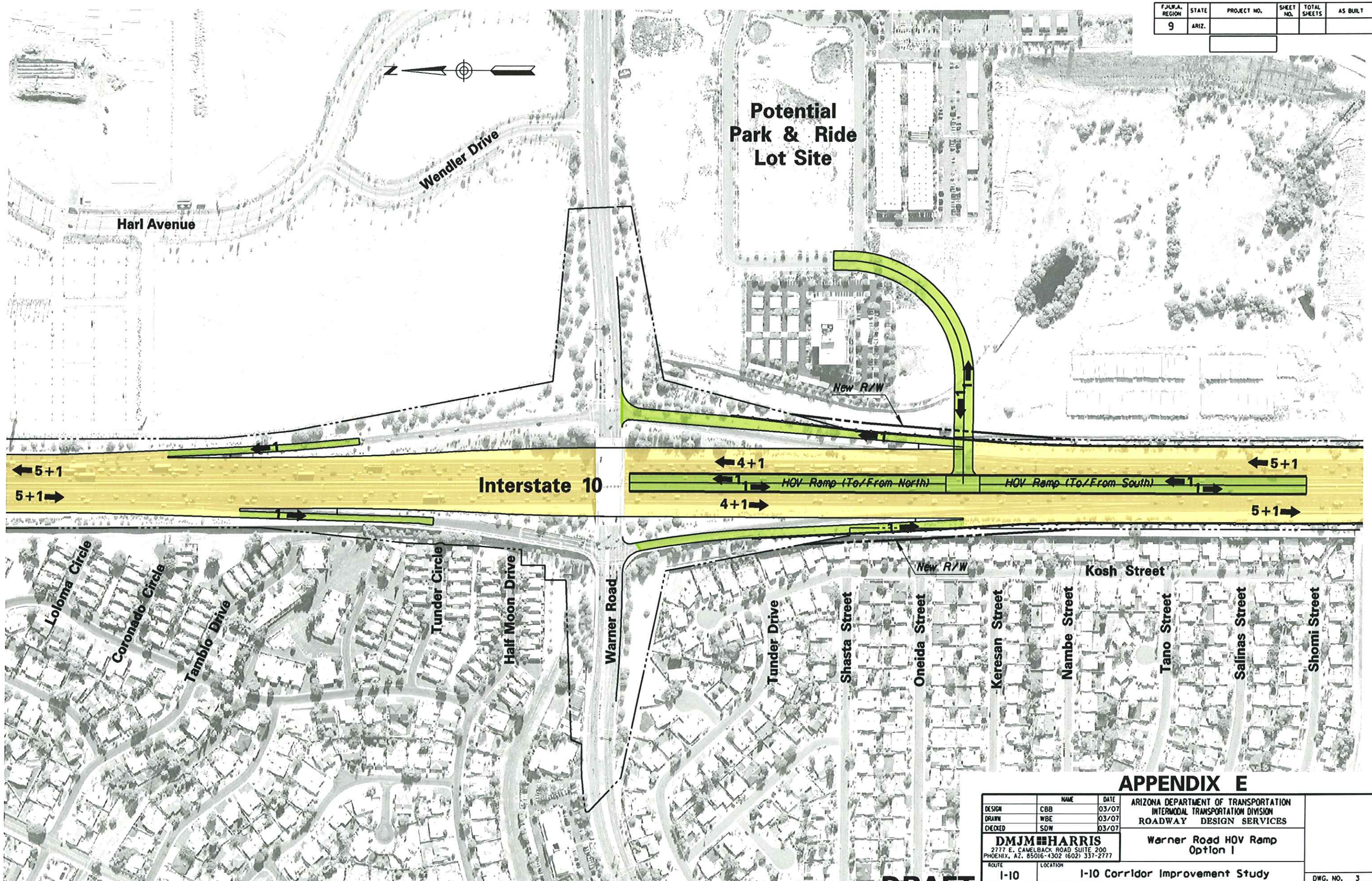
I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX E
BASELINE ROAD BRAIDED ENTRANCE
2030 PM LEVEL OF SERVICE
SHEET 1 OF 1

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



APPENDIX E

	NAME	DATE
DESIGN	CBB	03/07
DRAWN	WBE	03/07
CHECKED	SDW	03/07

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

DMJM HARRIS
2777 E. CAMELBACK ROAD SUITE 200
PHOENIX, AZ. 85016-4302 (602) 337-2777

Warner Road HOV Ramp
Option I

ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

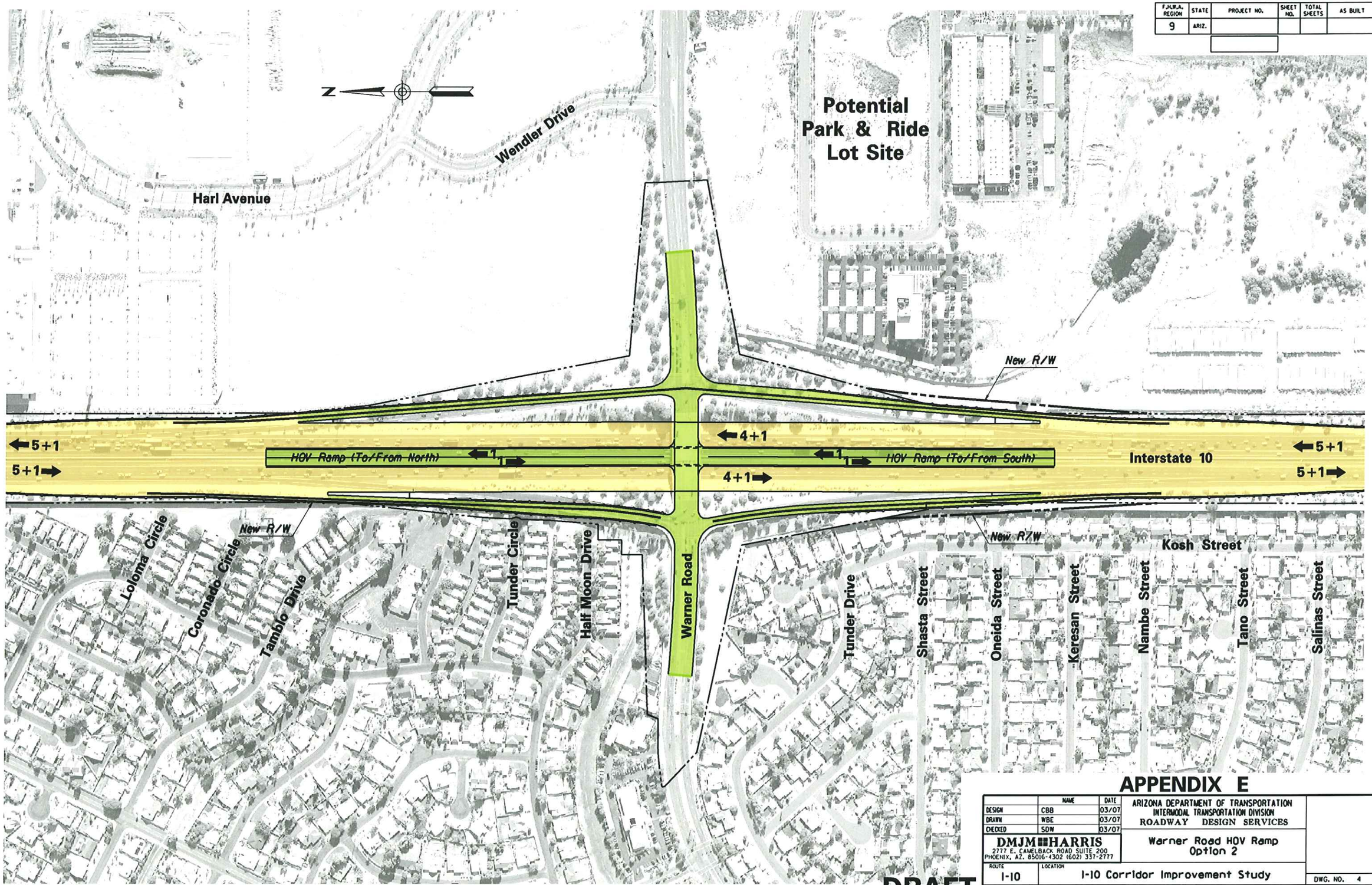
DWG. NO. 3
___ OF ___

TRACS NO. H545401L

DRAFT

3/15/2007 N:\5445\prod\esr\OTHER\5445_Warner_01.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



APPENDIX E

	NAME	DATE
DESIGN	CBB	03/07
DRAWN	WBE	03/07
CHECKED	SDW	03/07

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

DMJM HARRIS
2777 E. CAMELBACK ROAD SUITE 200
PHOENIX, AZ. 85016-4302 (602) 337-2777

Warner Road HOV Ramp
Option 2

ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

DWG. NO. 4 OF

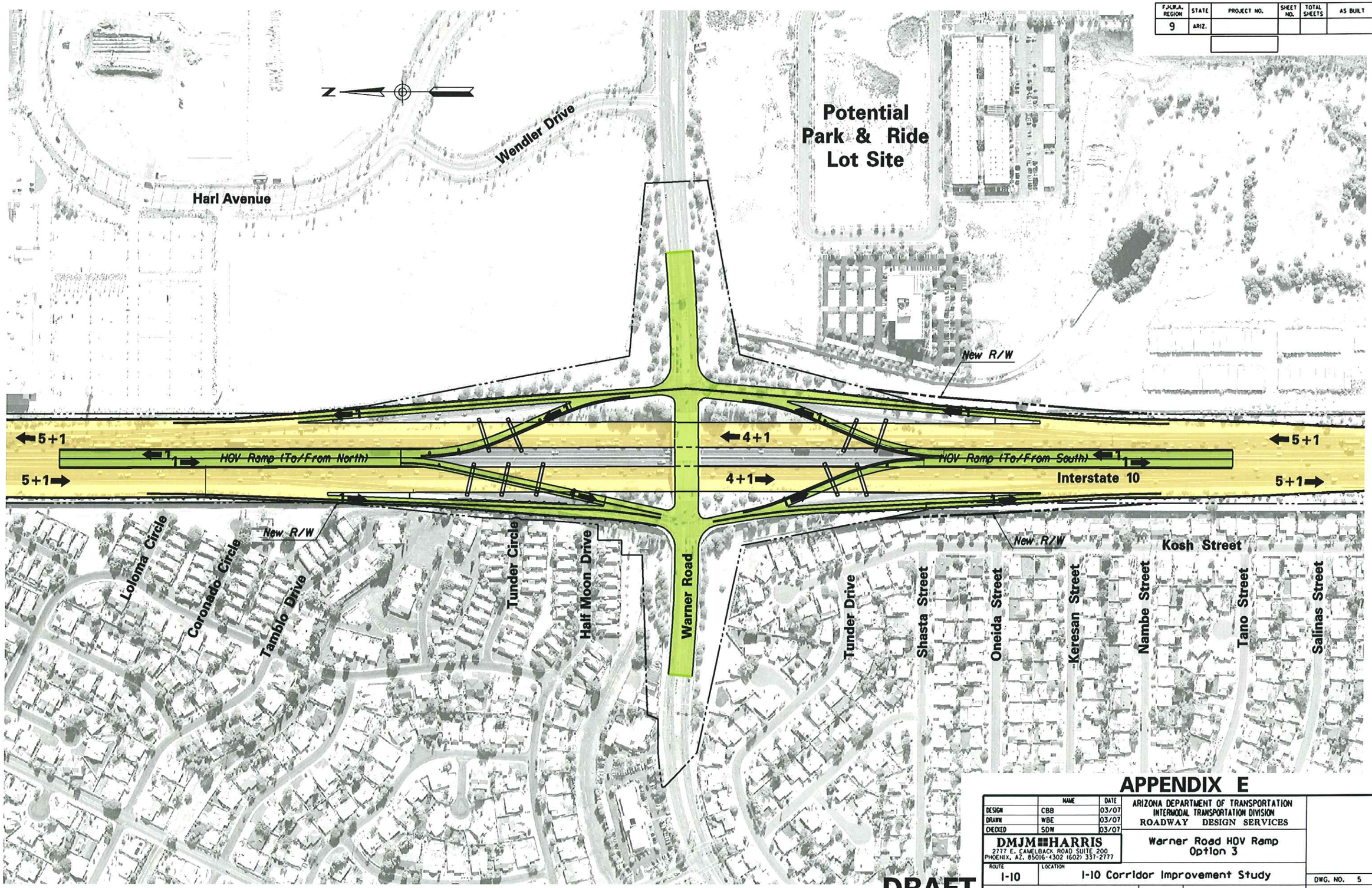
TRACS NO. H545401L

DRAFT

3/15/2007 N:\5445\prod\esr\OTHER\5445_Warner_02.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



APPENDIX E

	NAME	DATE
DESIGN	CBB	03/07
DRAWN	WBE	03/07
CHECKED	SDW	03/07

DMJM HARRIS
2777 E. CAMELBACK ROAD SUITE 200
PHOENIX, AZ. 85016-4302 (602) 337-2777

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

Warner Road HOV Ramp
Option 3

ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

DWG. NO. 5
___ OF ___

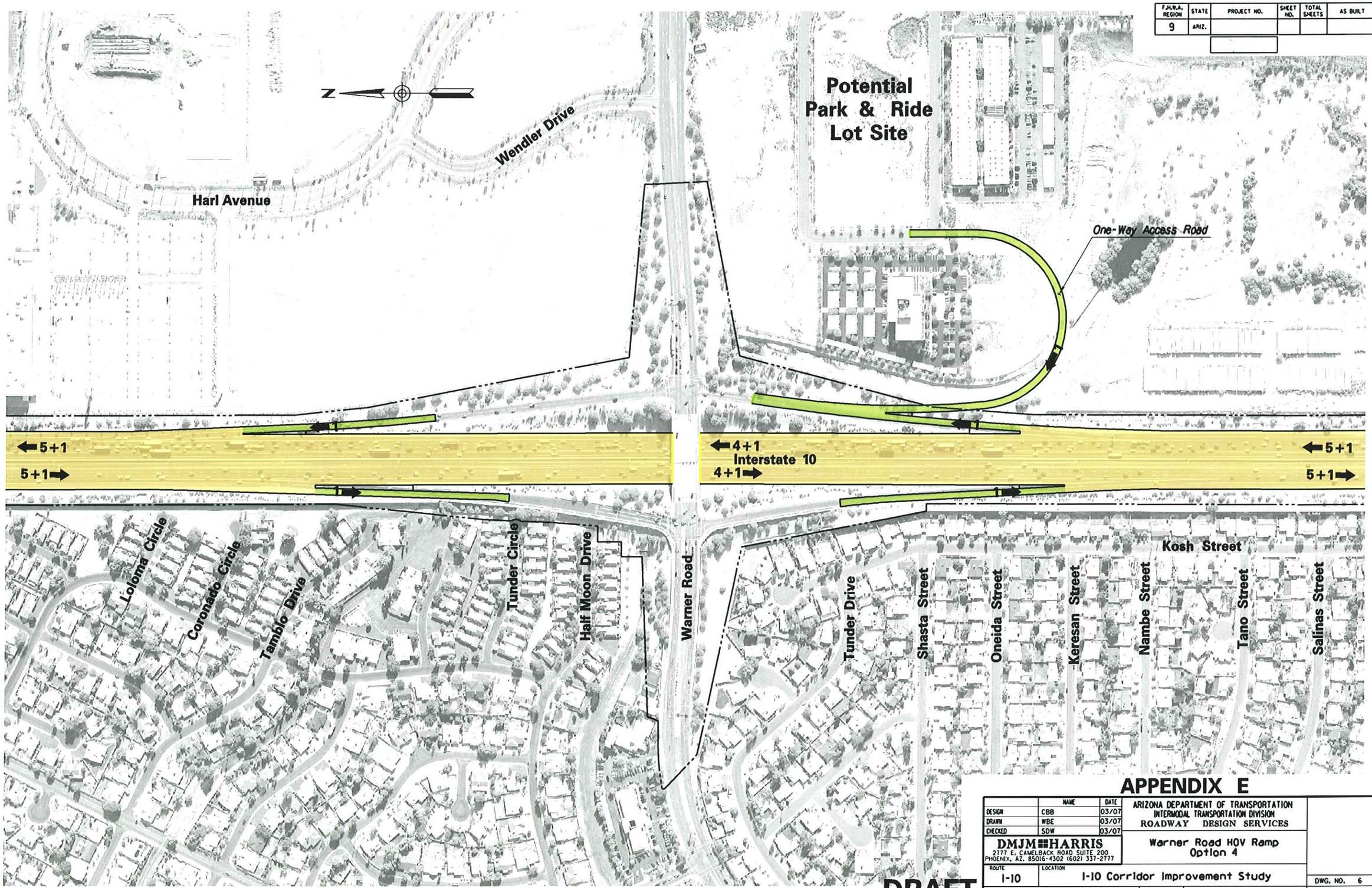
TRACS NO. H545401L

DRAFT

3/15/2007 N:\5445\prod\esr\OTHER\5445_Warner_03.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



APPENDIX E

	NAME	DATE
DESIGN	CBB	03/07
DRAWN	WBE	03/07
CHECKED	SDW	03/07

DMJM HARRIS
2777 E. CAMELBACK ROAD SUITE 200
PHOENIX, AZ. 85016-4302 (602) 337-2777

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

Warner Road HOV Ramp
Option 4

ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

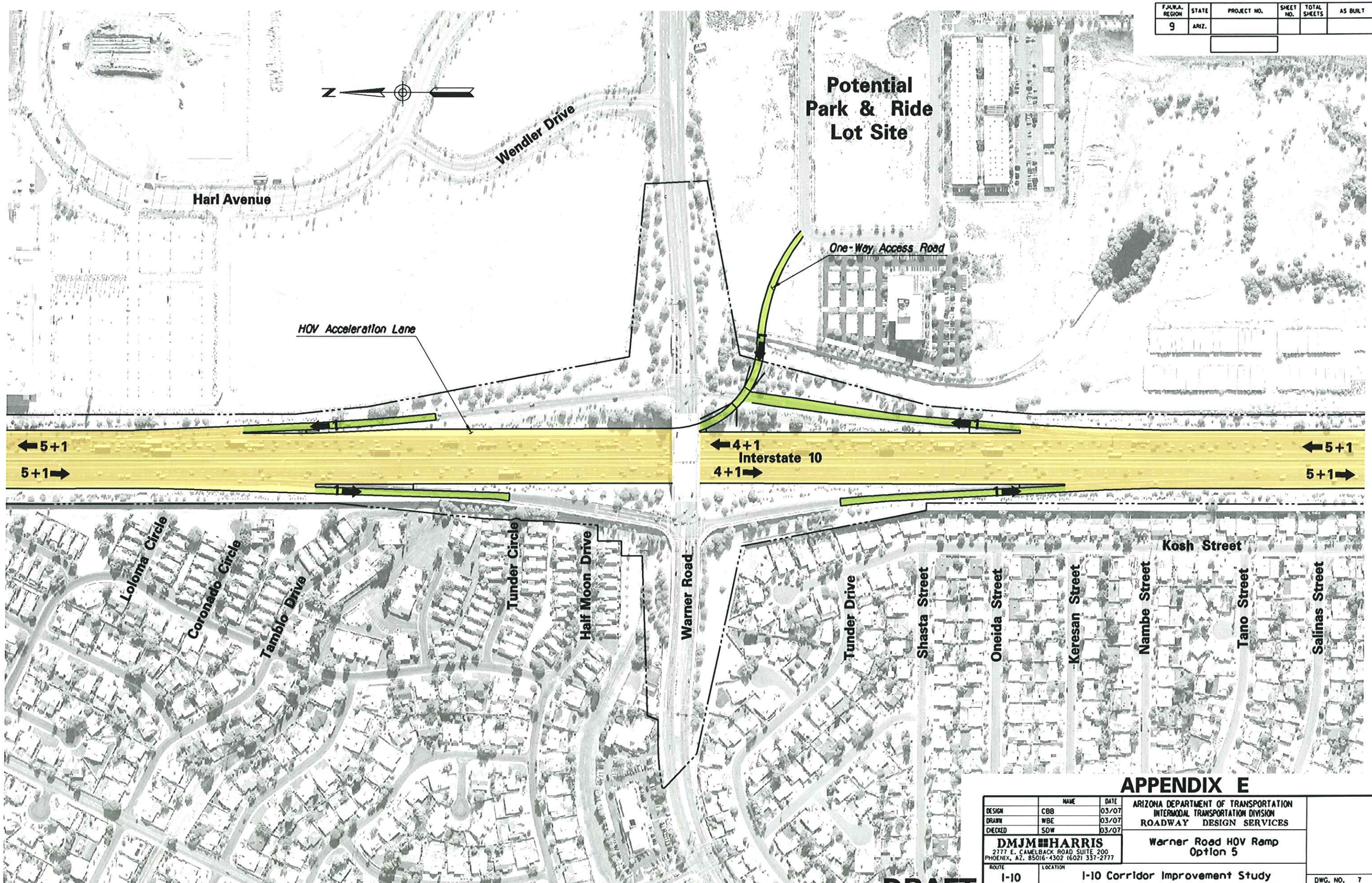
DWG. NO. 6
___ OF ___

TRACS NO. H545401L

3/14/2007 N:\5445\Prod\ASR\OTHER\5445_Warner_04.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



DRAFT

APPENDIX E

	NAME	DATE
DESIGN	CBB	03/07
DRAWN	WBE	03/07
CHECKED	SDW	03/07

DMJM HARRIS
2777 E. CAMELBACK ROAD SUITE 200
PHOENIX, AZ. 85016-4302 (602) 337-2777

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

Warner Road HOV Ramp
Option 5

ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

DWG. NO. 7
___ OF ___

TRACS NO. H545401L

3/14/2007 N:\5445\Prod\ASR\OTHER\5445_Warner_05.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-