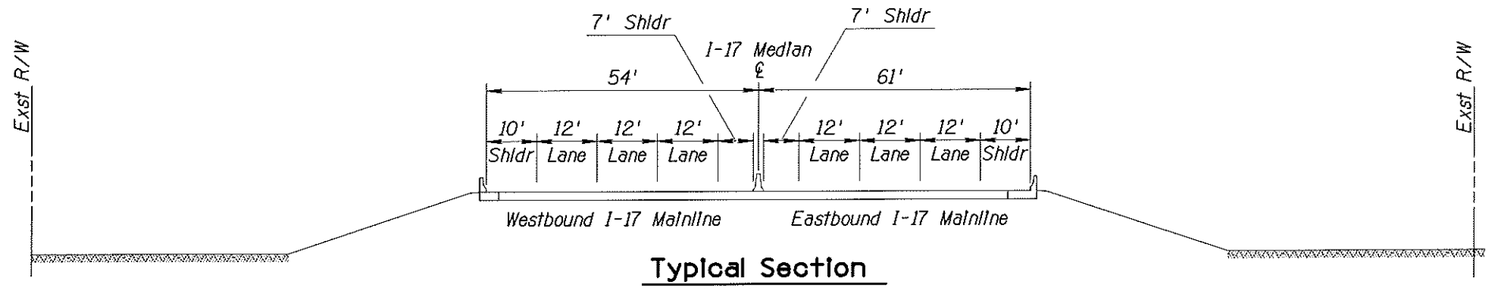
APPENDIX C

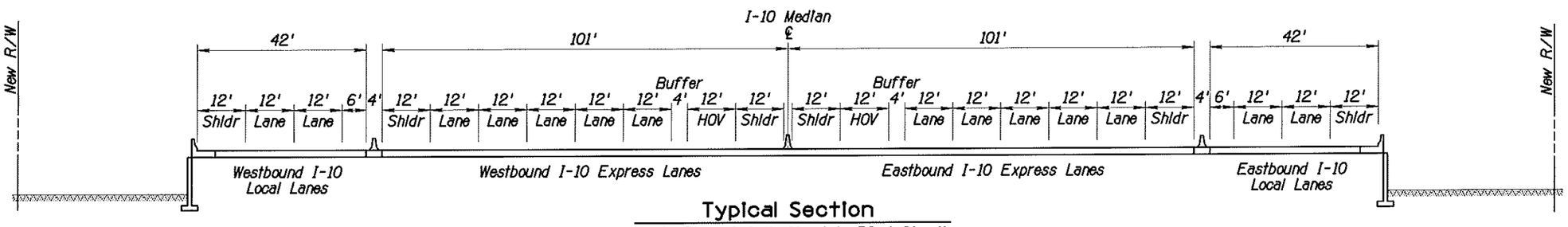
I-10 Widening Alternatives Considered

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



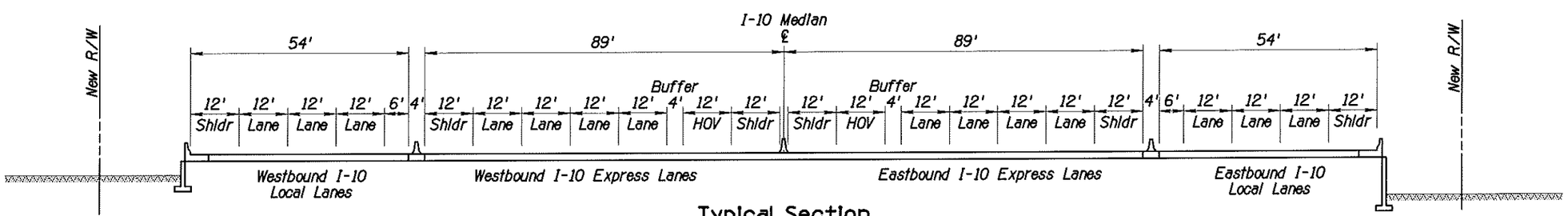
Typical Section

I-17 (16th Street to I-10)



Typical Section

I-10 (East of 24th Street to 32nd Street)



Typical Section

I-10 (32nd St to Broadway Rd)

APPENDIX C

	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

Alternative 1 (1988 Concept)
Typical Sections

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

DWG. NO. 1 of 12
___ OF ___

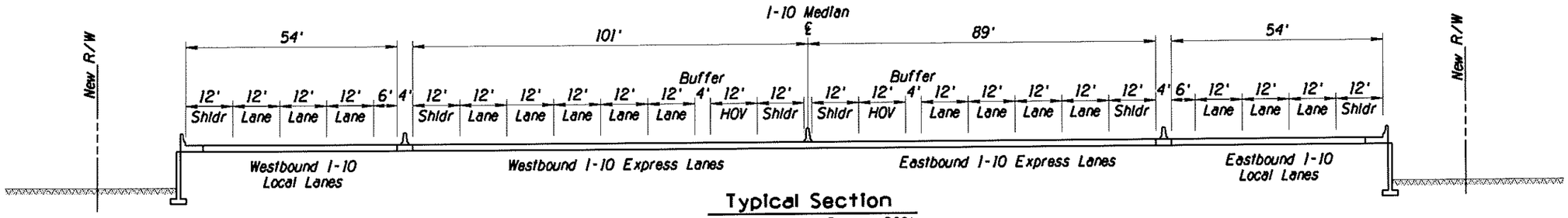
TRACS NO. H545401L

DRAFT

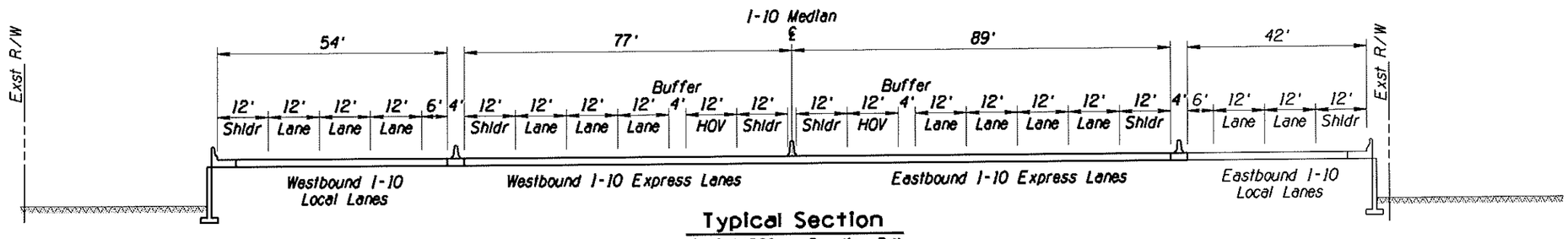
3/15/2007 N:\5445\Prod\ASR\ALT1\5445typAlt1-01.dgn

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

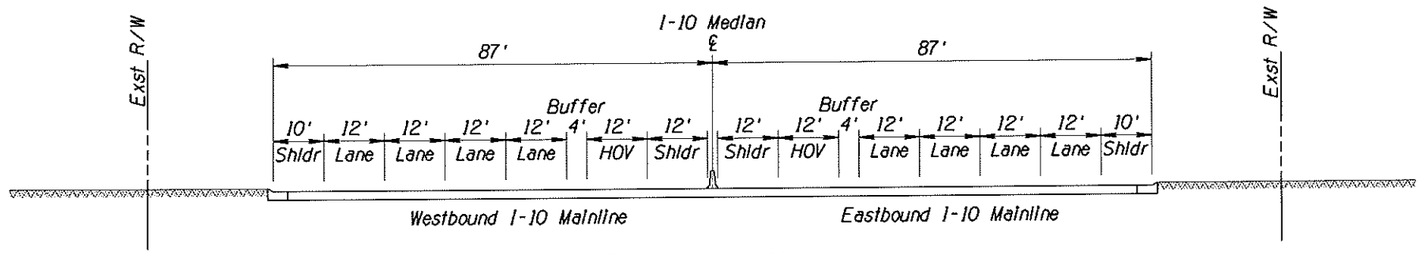
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



Typical Section
I-10 (Broadway Rd to US60)



Typical Section
I-10 (US60 to Baseline Rd)



Typical Section
I-10 (Baseline Rd to South)

APPENDIX C

	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

Alternative I (1988 Concept)
Typical Sections

ROUTE I-10
LOCATION I-10 Corridor Improvement Study

DWG. NO. 2 of 12

TRACS NO. H545401L

___ OF ___

DRAFT

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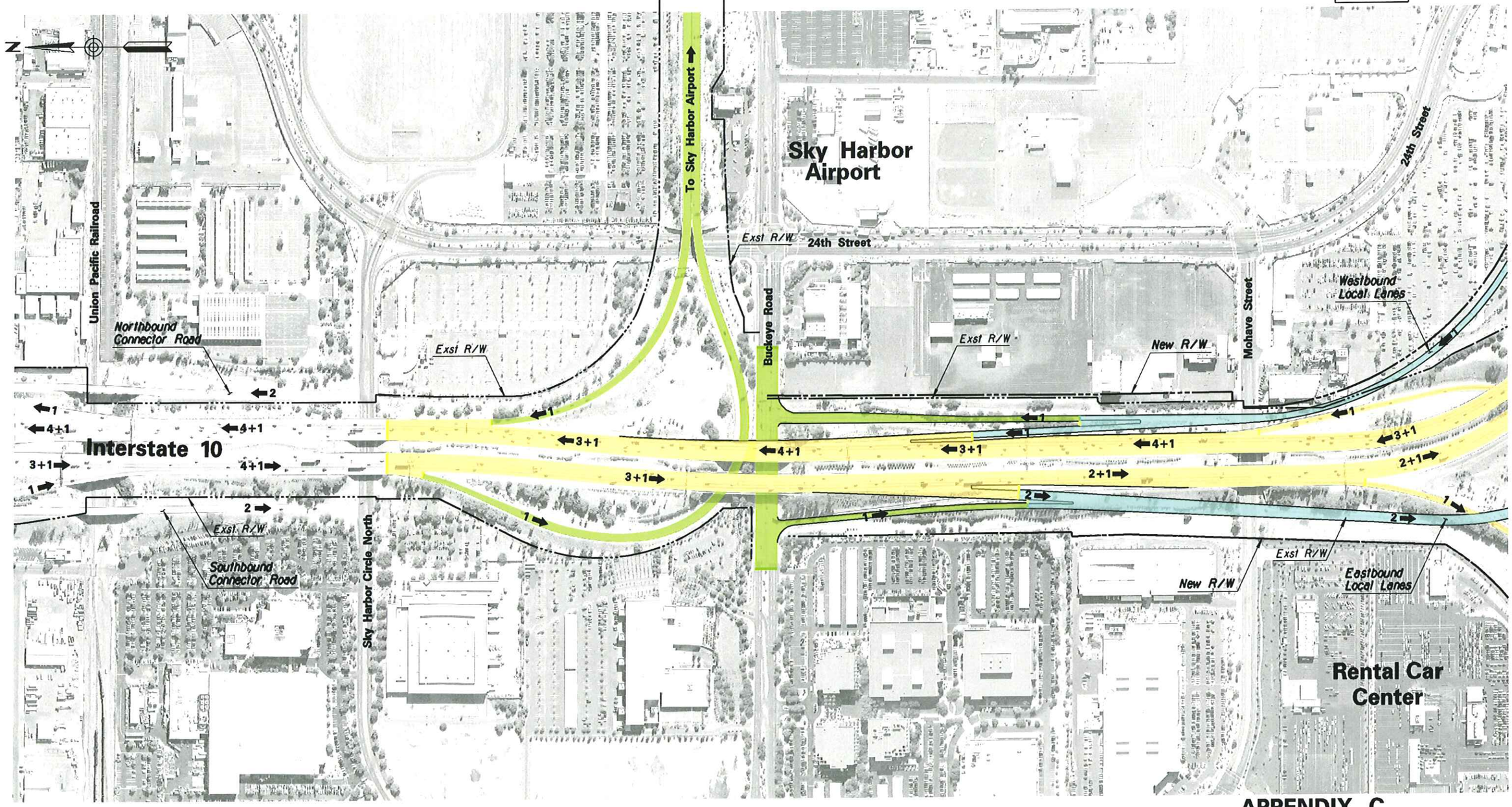
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



APPENDIX C

	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

Alternative I (1988 Concept) on Interstate 10

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

DWG. NO. 3 of 12
___ OF ___

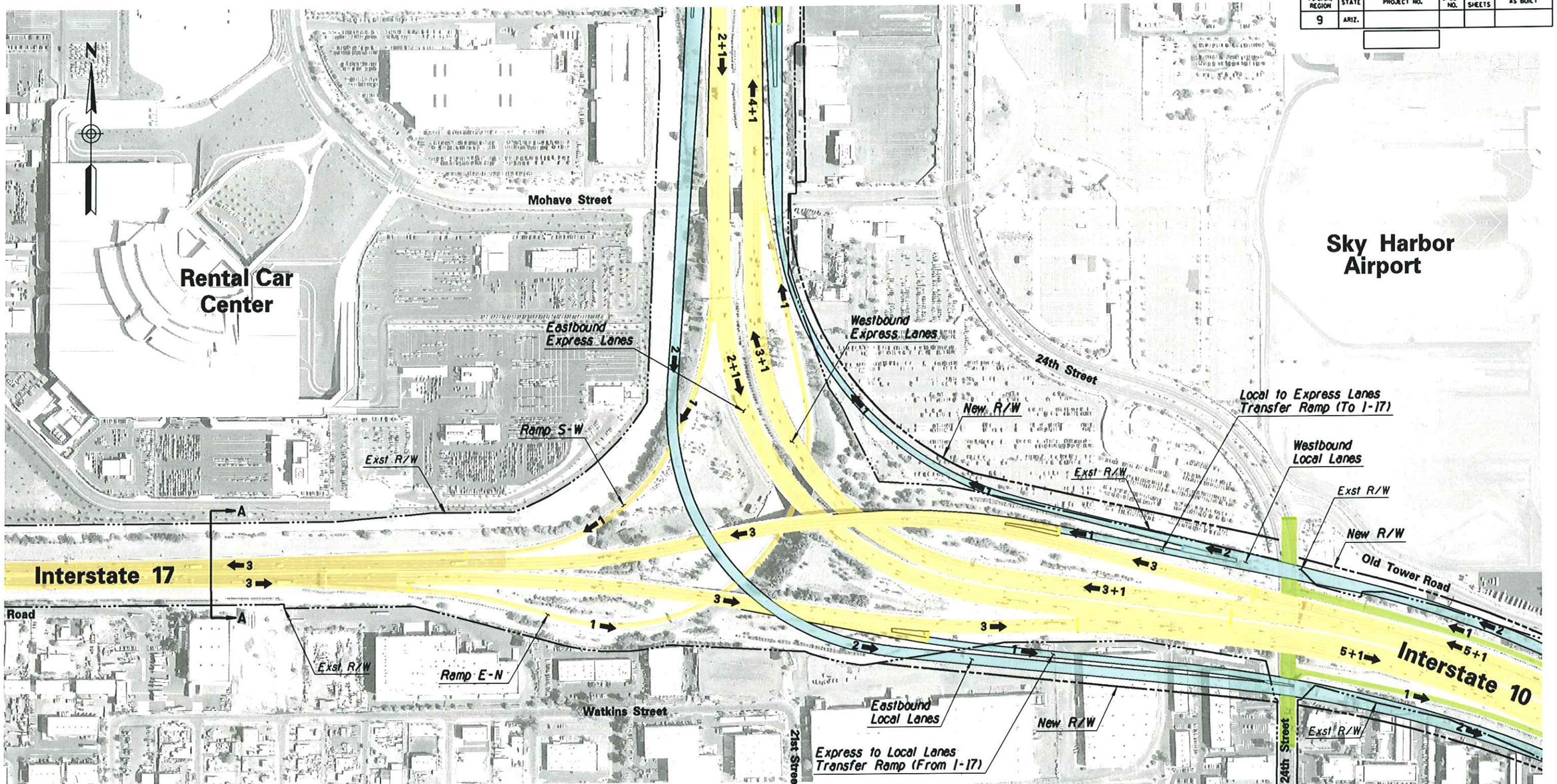
TRACS NO. H545401L

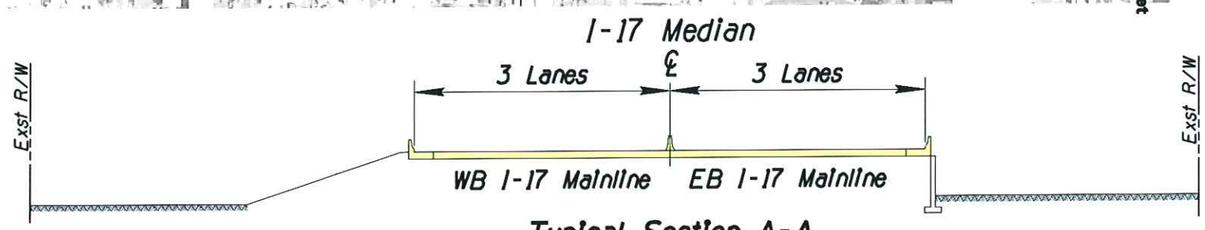
DRAFT

3/13/2007 N:\5445\Prod\ASR\ALT1\5445cpl02.dgn

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

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





Typical Section A-A

DRAFT

APPENDIX C

	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

Alternative 1 (1988 Concept) on Interstate 10

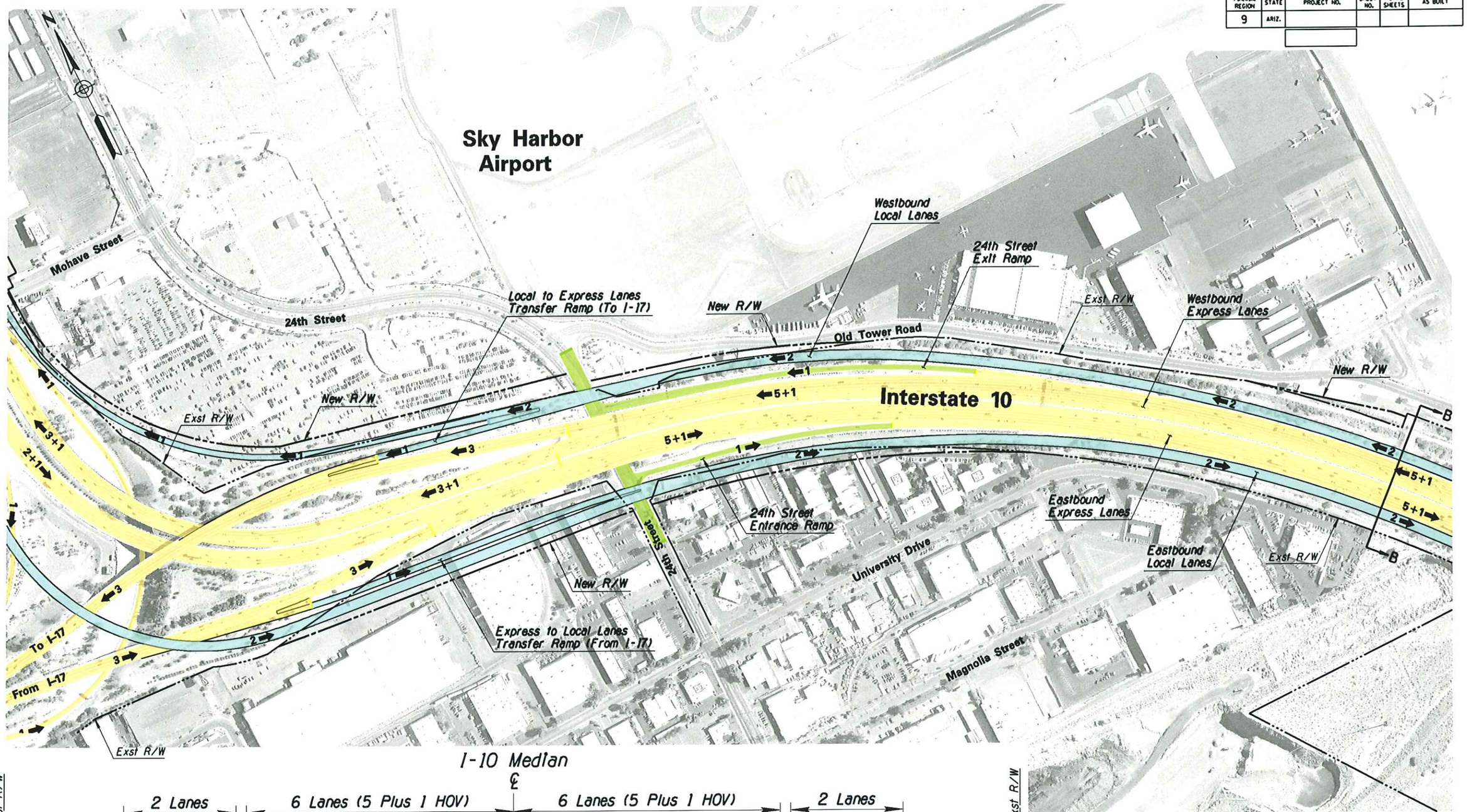
ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

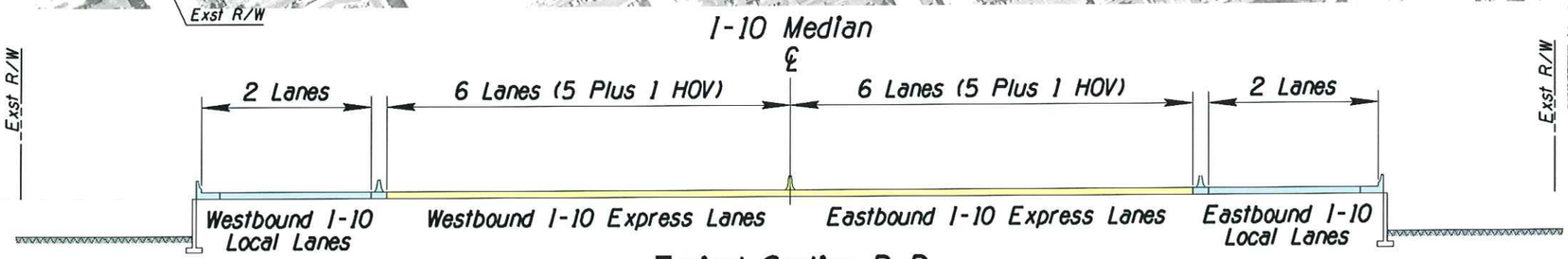
TRACS NO. H545401L

DWG. NO. 4 of 12
___ OF ___

3/13/2007 N:\5445\Prod\ASR\ALT1\5445cpl05.dgn

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





Typical Section B-B

APPENDIX C

DRAFT

	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

Alternative 1 (1988 Concept) on Interstate 10

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

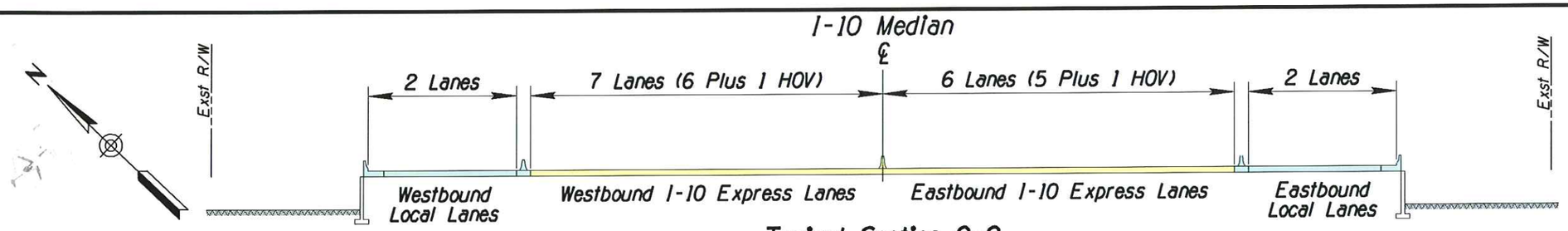
DWG. NO. 5 of 12
___ OF ___

TRACS NO. H545401L

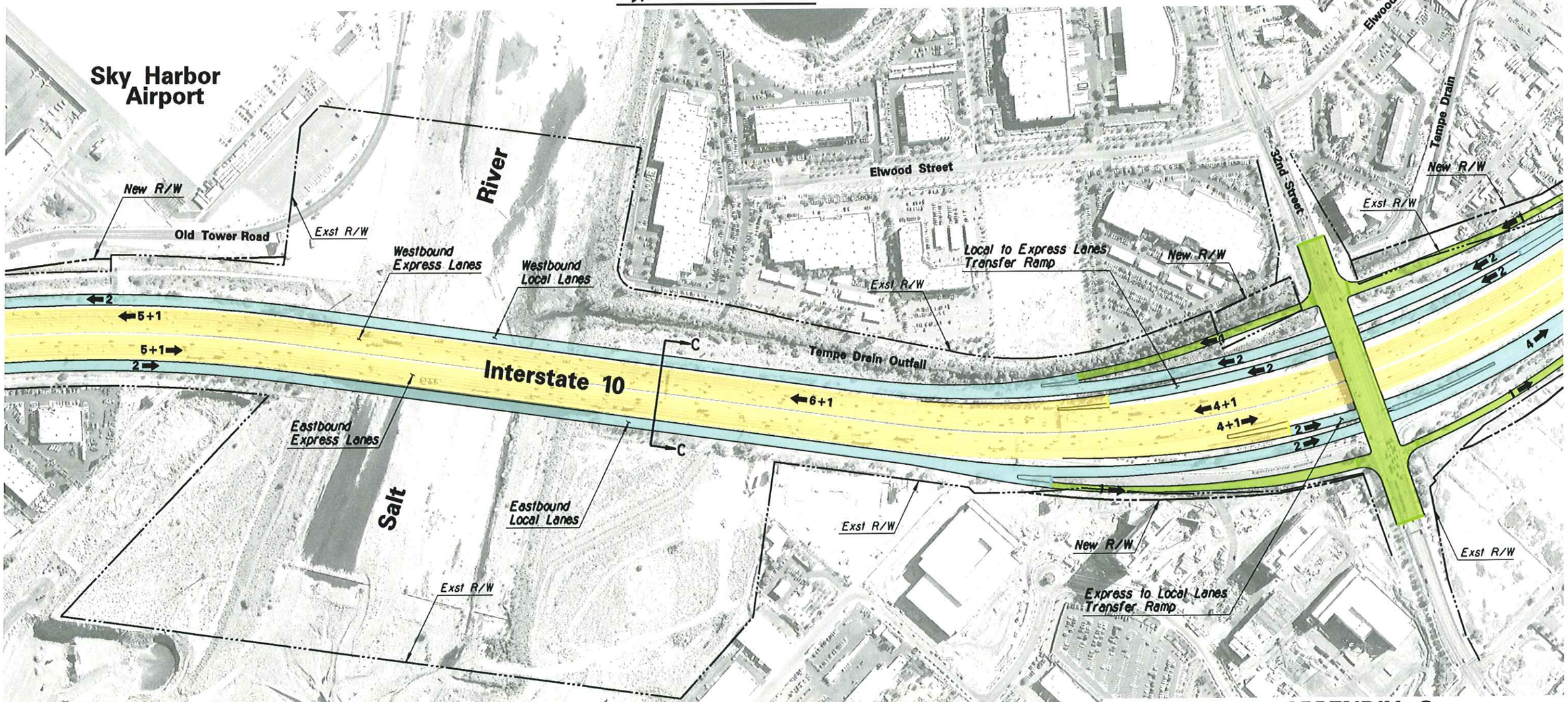
3/13/2007 N:\5445\Prod\ASR\ALT1\5445cp106.dgn

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

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



Typical Section C-C



APPENDIX C

	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

Alternative 1 (1988 Concept) on Interstate 10

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

DWG. NO. 6 of 12
___ OF ___

TRACS NO. H545401L

DRAFT

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

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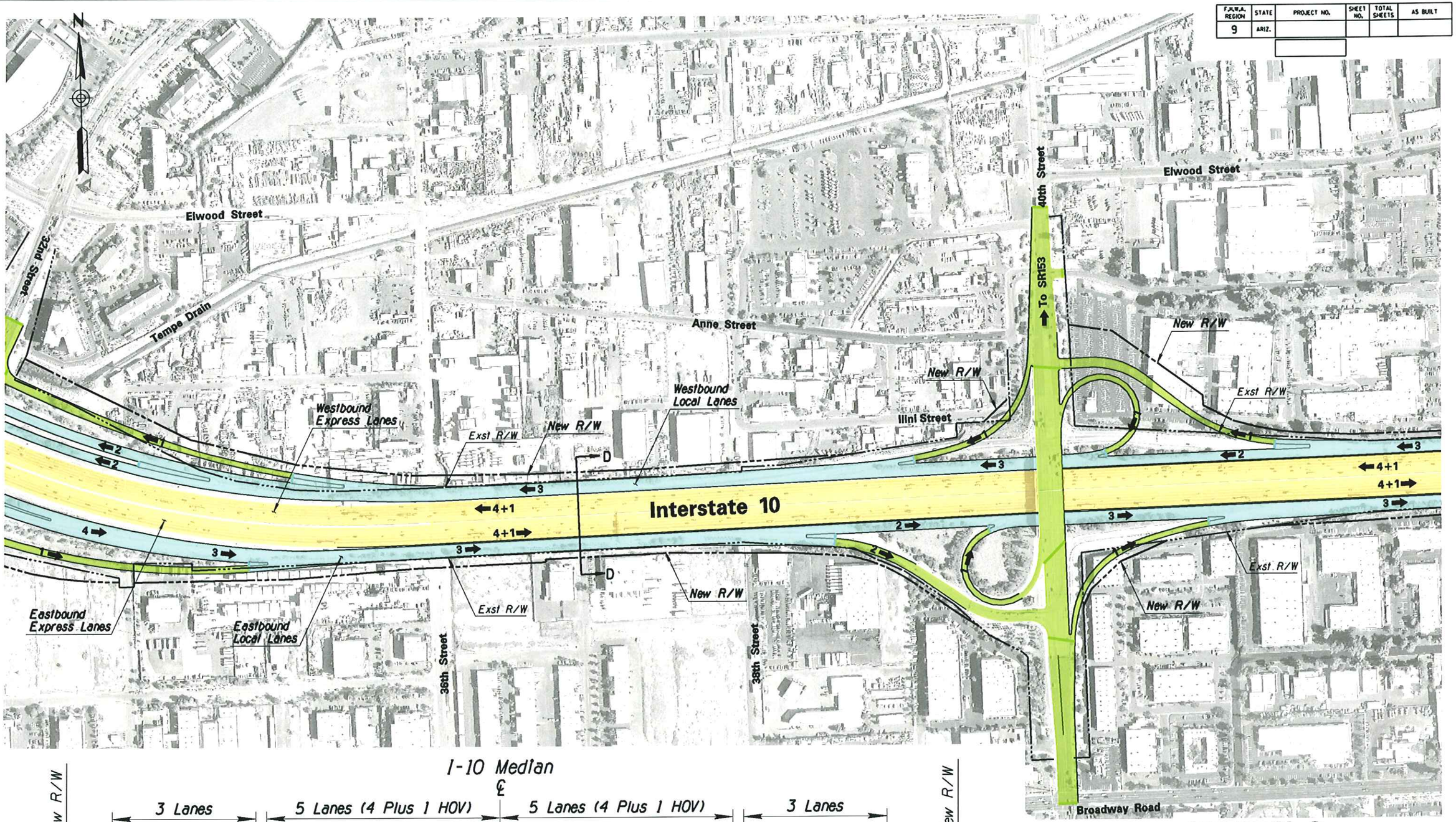
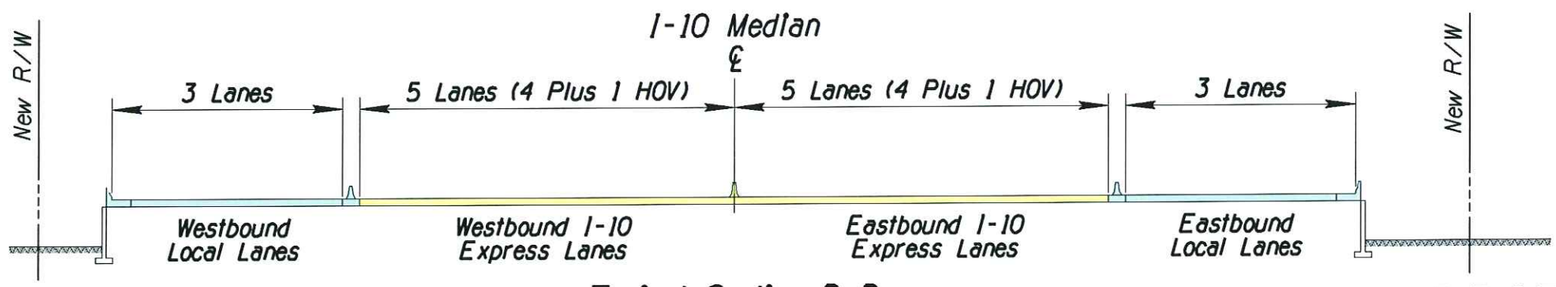
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				





Typical Section D-D

DRAFT

APPENDIX C

	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

Alternative 1 (1988 Concept) on Interstate 10

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

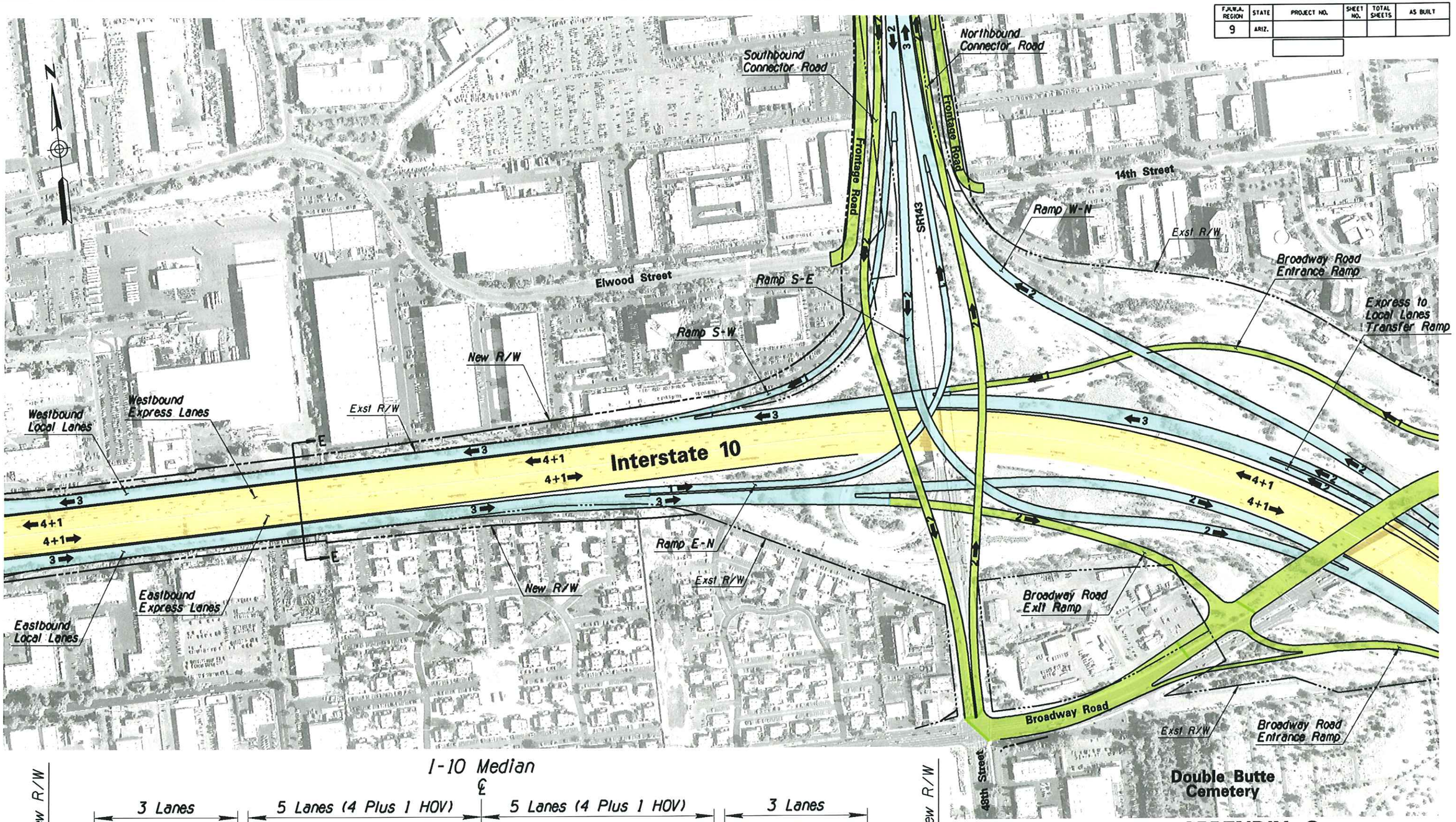
TRACS NO. H545401L

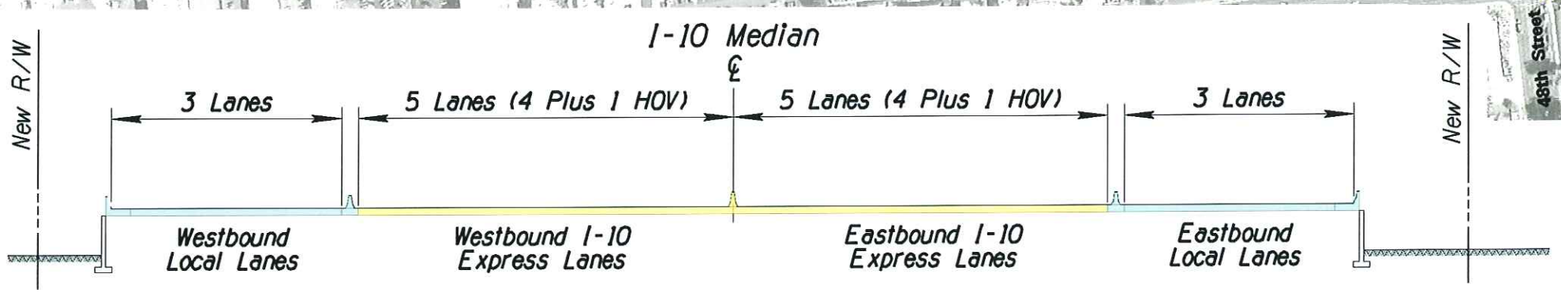
DWG. NO. 7 of 12
___ OF ___

3/13/2007 N:\5445\Prod\ASR\ALT1\5445cp108.dgn

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

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





Typical Section E-E

DRAFT

APPENDIX C

	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

Alternative 1 (1988 Concept) on Interstate 10

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

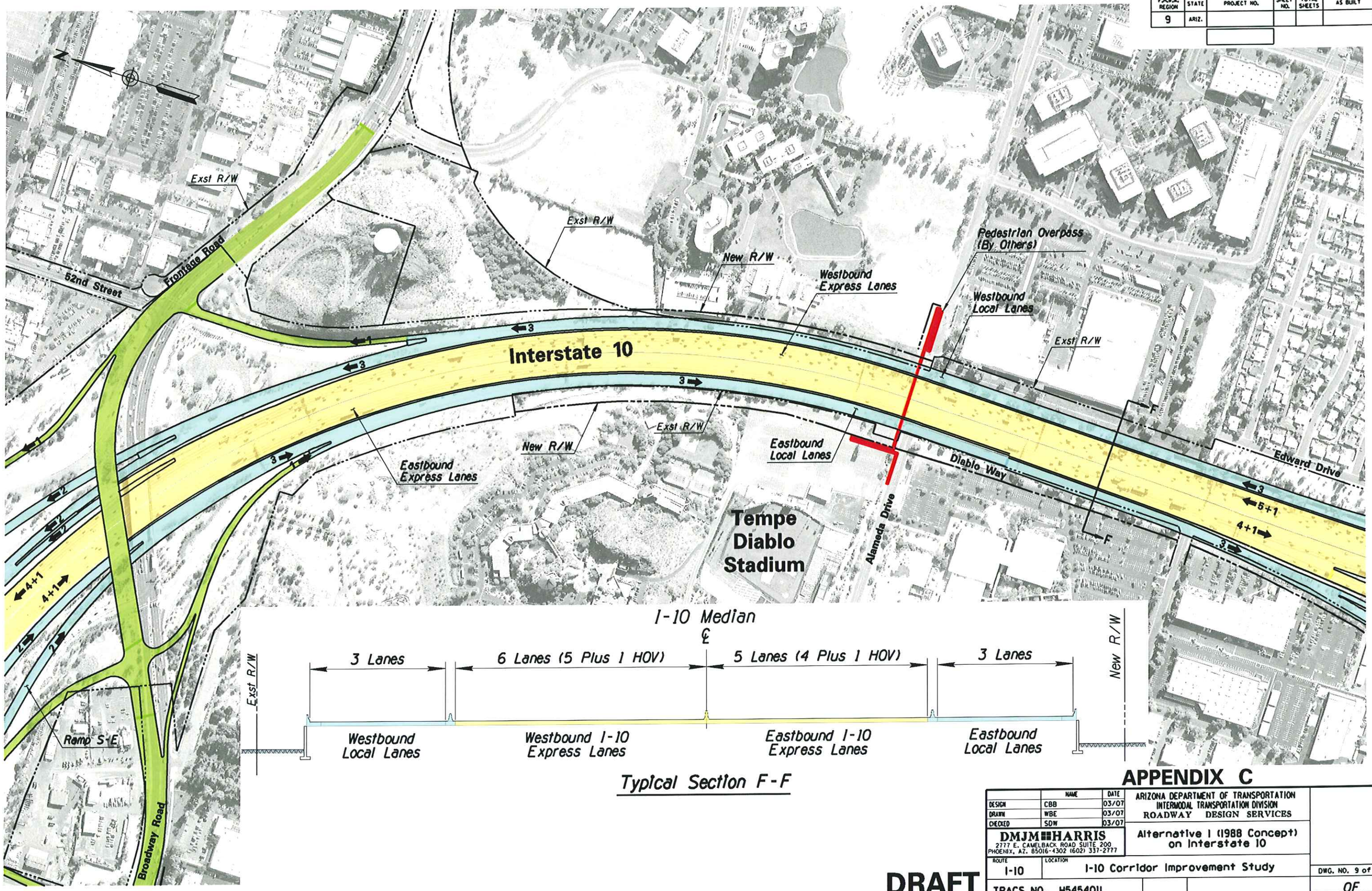
DWG. NO. 8 of 12
___ OF ___

TRACS NO. H545401L

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

3/15/2007 N:\5445\Prod\ASR\ALT1\5445cp109.dgn

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



Typical Section F-F

APPENDIX C

	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

Alternative 1 (1988 Concept) on Interstate 10

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

DWG. NO. 9 of 12

TRACS NO. H545401L

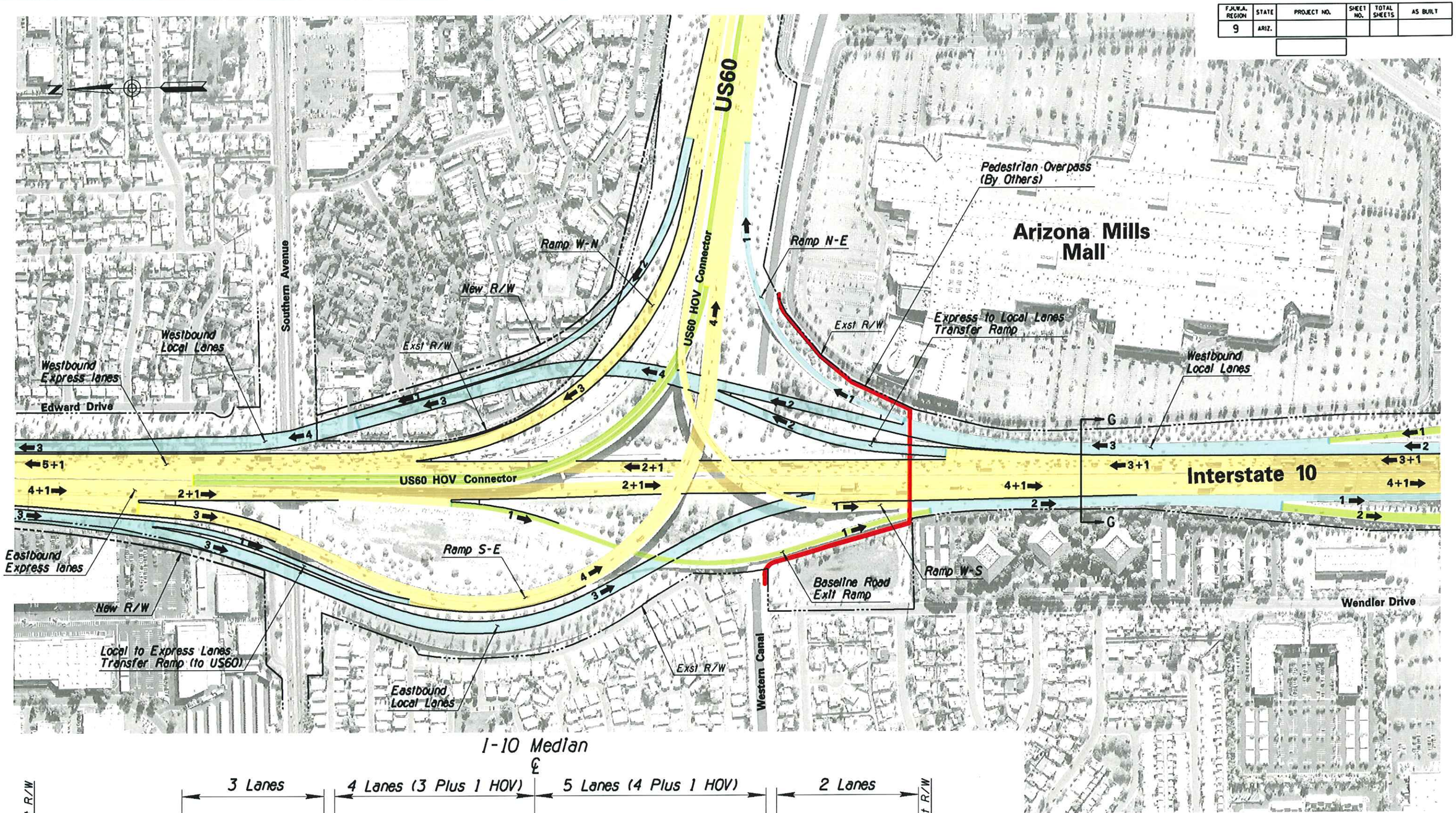
___ OF ___

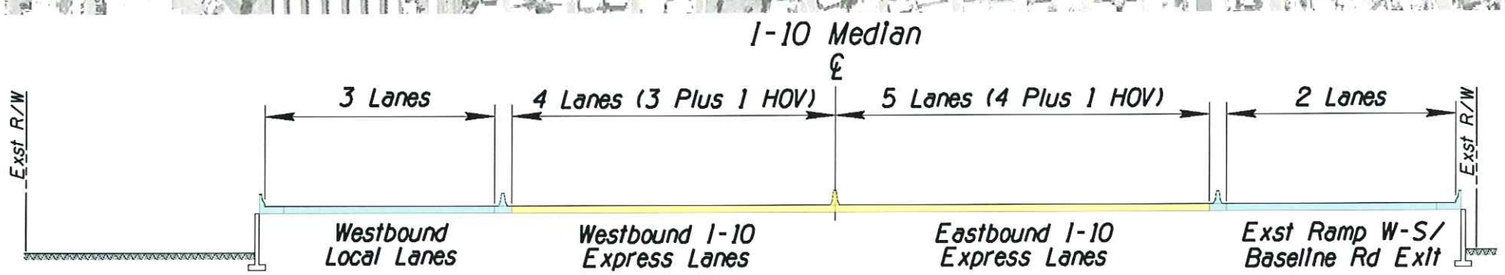
DRAFT

3/14/2007 N:\5445\Prod\ASR\ALT1\5445cp111.dgn

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

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





Typical Section G-G

APPENDIX C

DRAFT

	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

Alternative 1 (1988 Concept) on Interstate 10

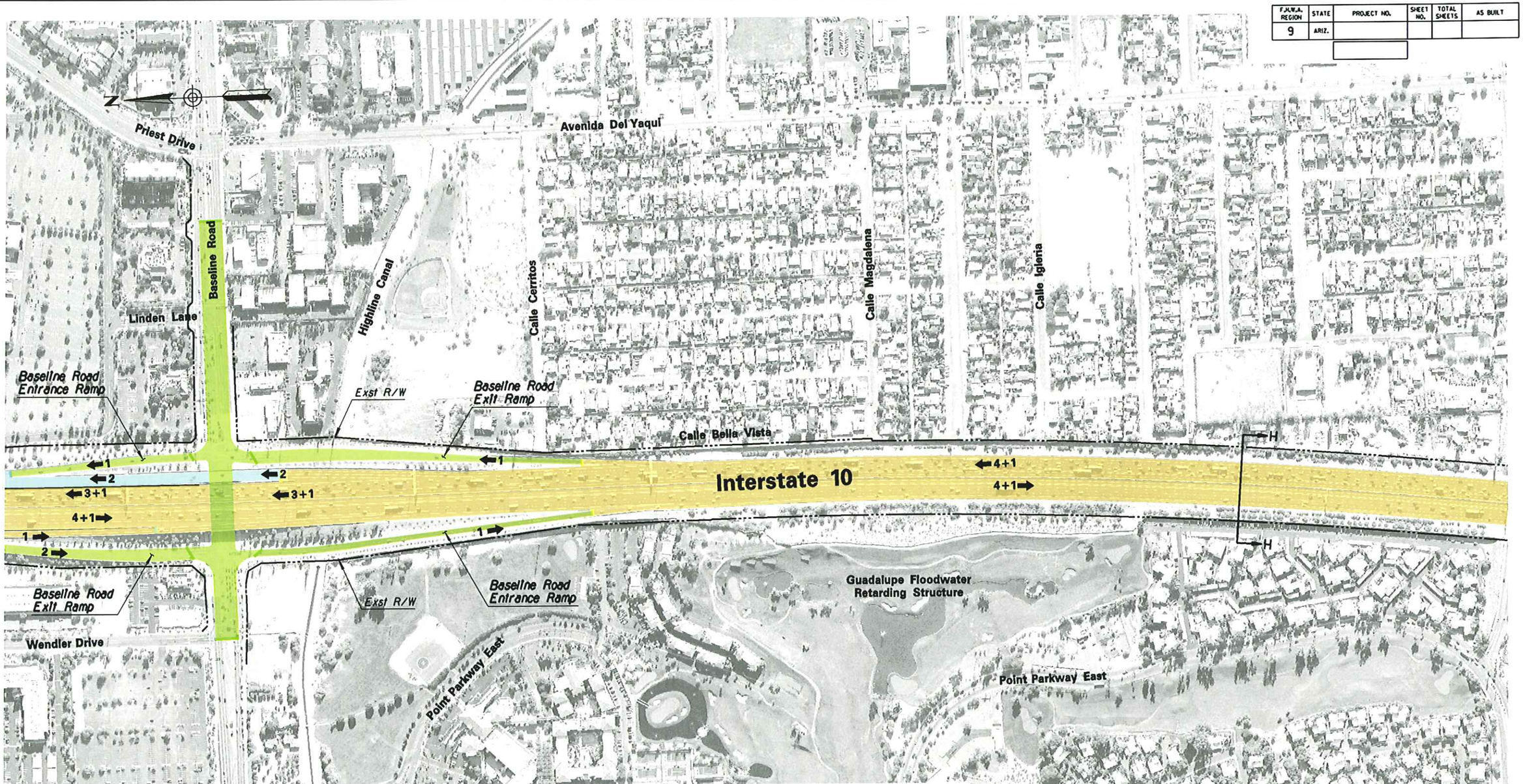
ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

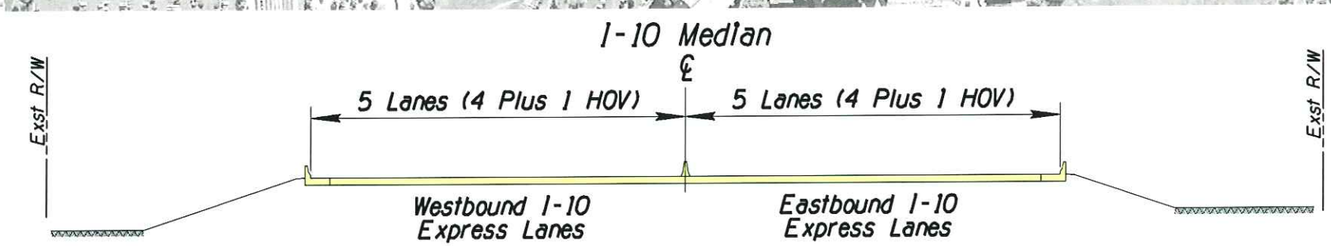
DWG. NO. 10 of 12
___ OF ___

TRACS NO. H545401L

3/13/2007 N:\5445\Prod\ASR\ALT1\5445cp112.dgn

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





Typical Section H-H

APPENDIX C

	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

Alternative 1 (1988 Concept) on Interstate 10

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

TRACS NO. H545401L

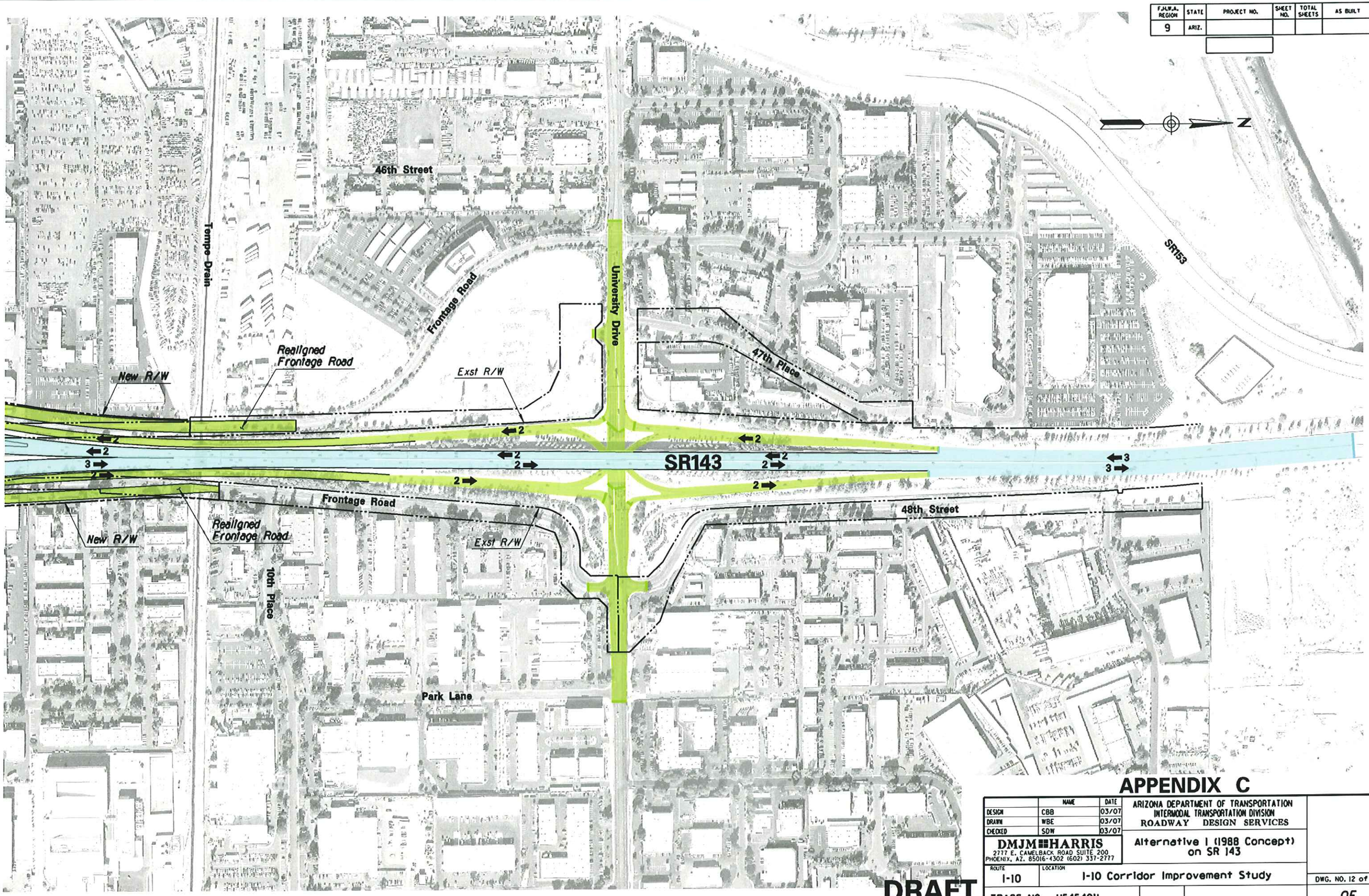
DWG. NO. 11 of 12
___ OF ___

DRAFT

3/13/2007 N:\5445\Prod\ASR\ALT1\5445cp113.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 C

	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

Alternative 1 (1988 Concept) on SR 143

ROUTE: I-10

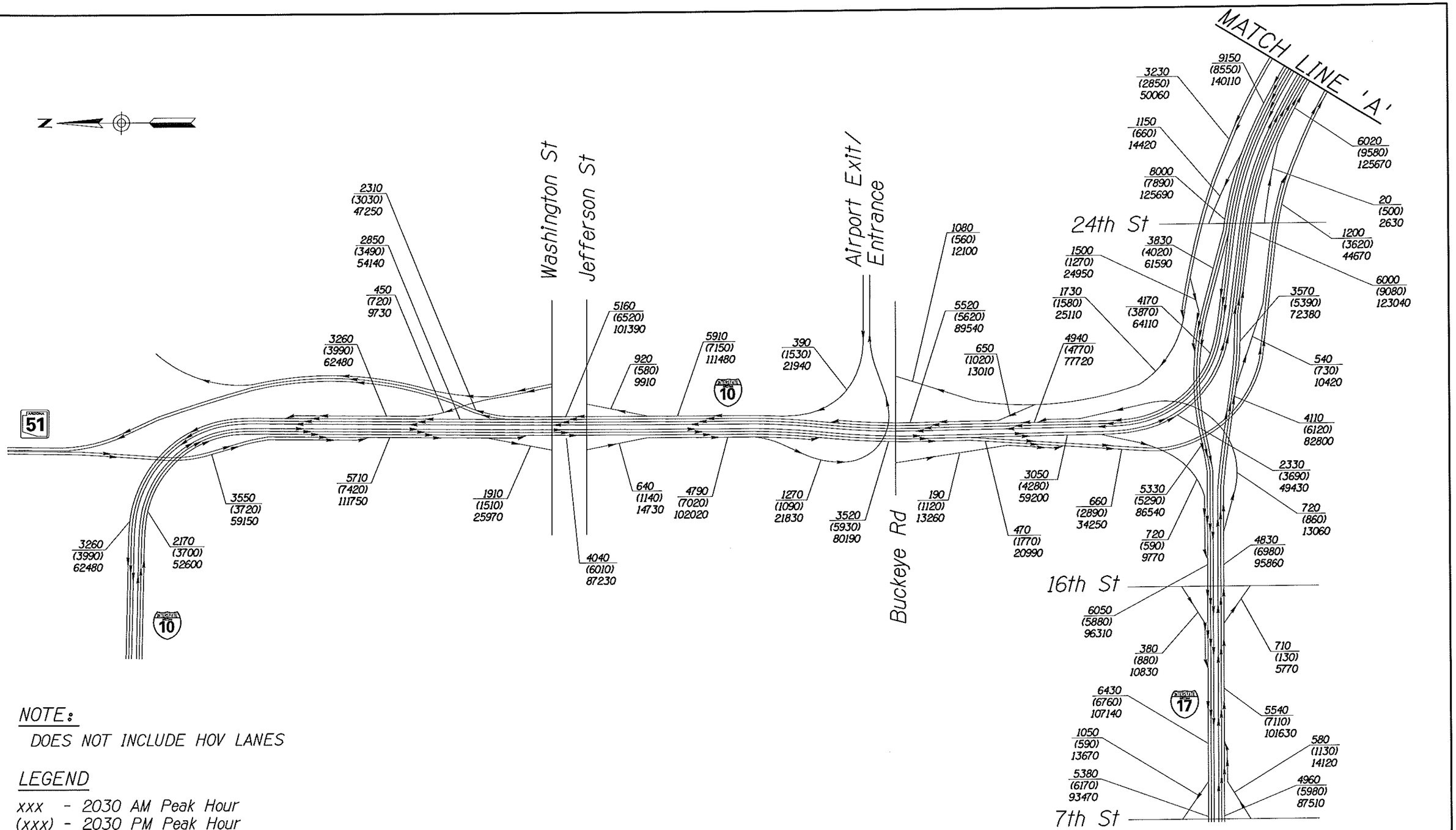
LOCATION: I-10 Corridor Improvement Study

TRACS NO. H545401L

DWG. NO. 12 of 12

___ OF ___

3/13/2007 N:\5445\Prod\ASR\ALT1\5445cp120.dgn



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 C
ALTERNATIVE 1
2030 TRAFFIC VOLUMES
SHEET 1 OF 5

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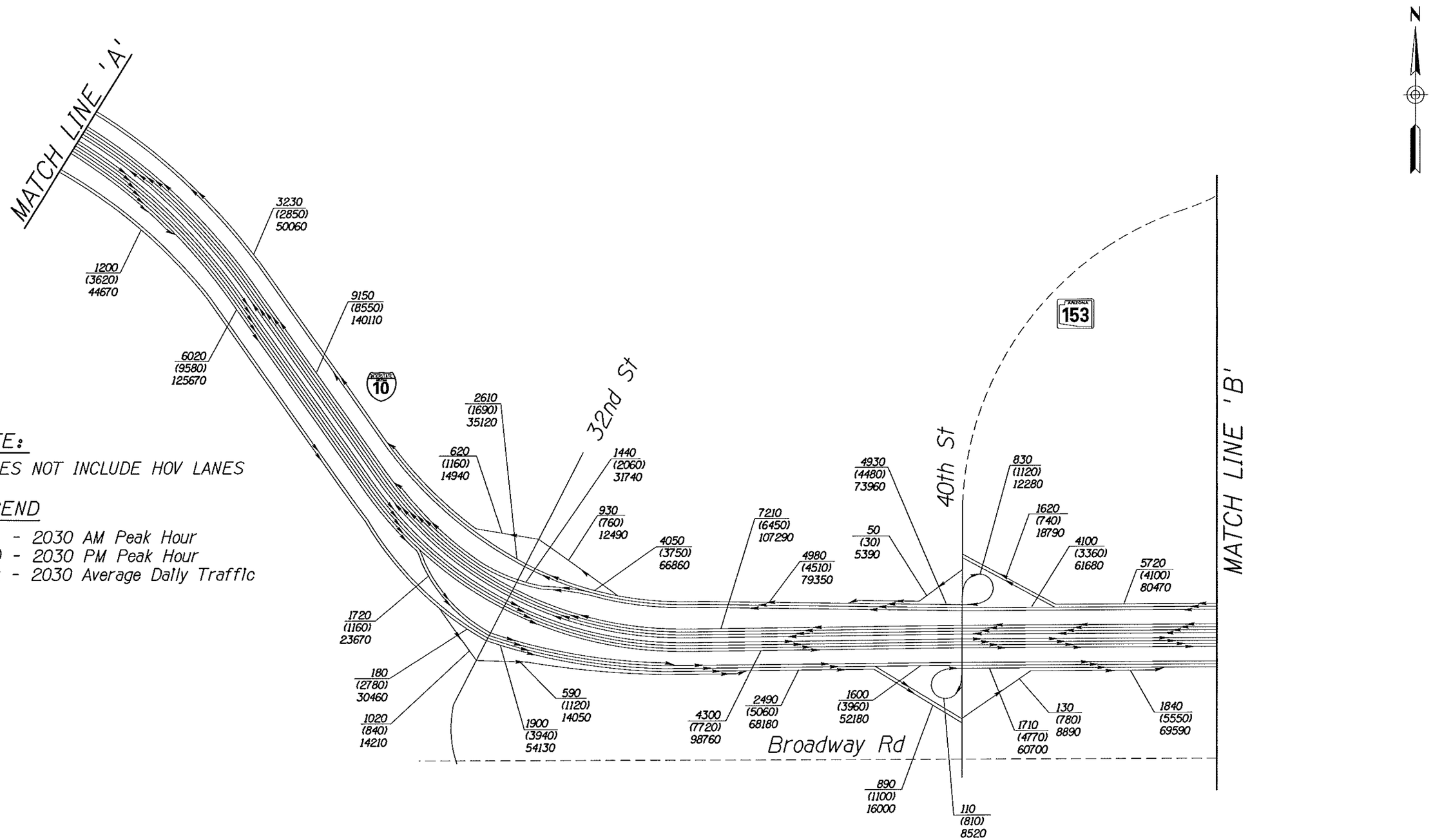
4/4/2007



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

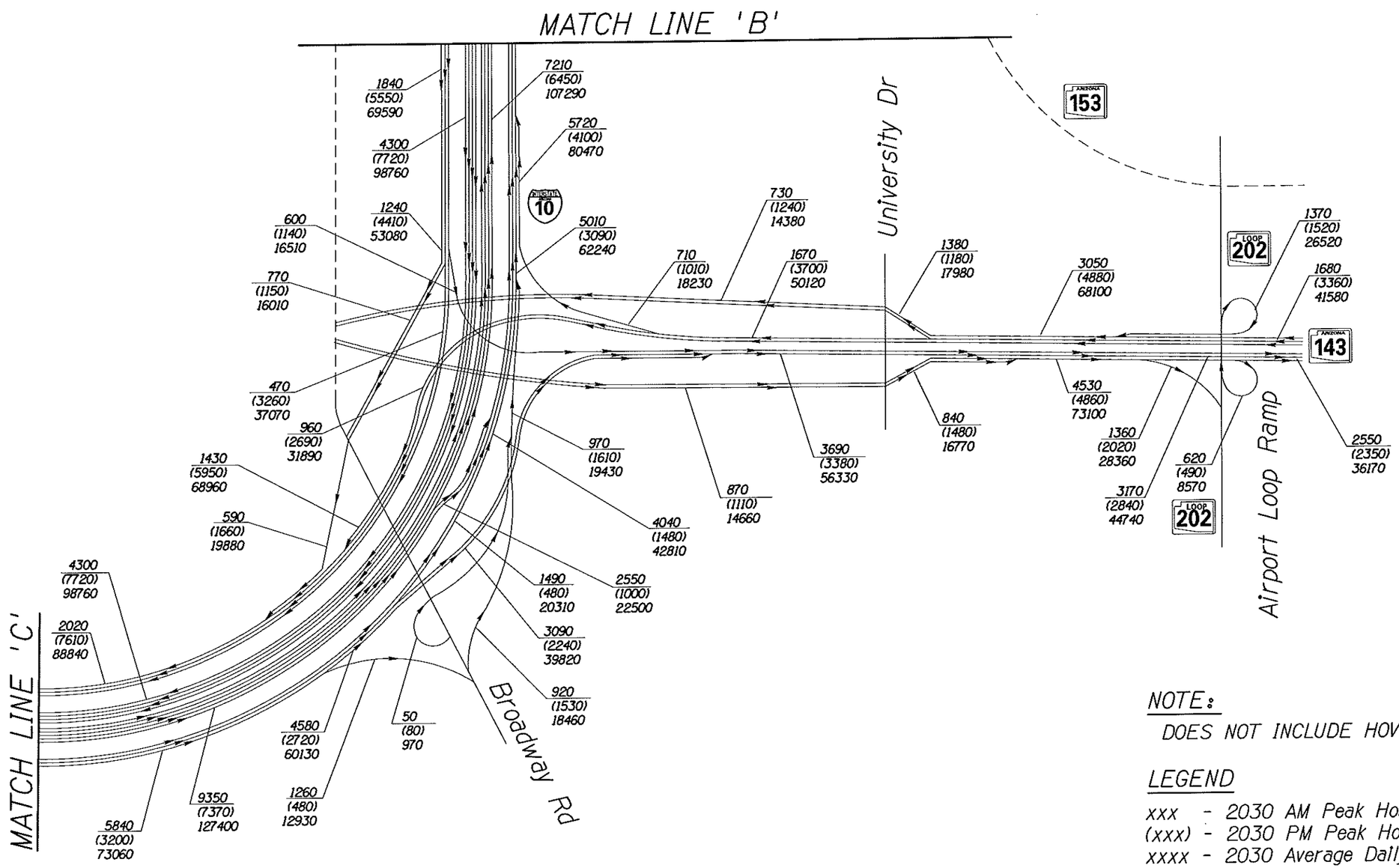
DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 1
2030 TRAFFIC VOLUMES
SHEET 2 OF 5

n:\5445\Design\tra\2030 ASR GRAPHICS\Alt 1\Altivol2.dgn

4/4/2007



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 C
ALTERNATIVE 1
2030 TRAFFIC VOLUMES
SHEET 3 OF 5

n:\5445\Design\bra\2030 ASR GRAPHICS\Alt 1\Alt1vol3.dgn

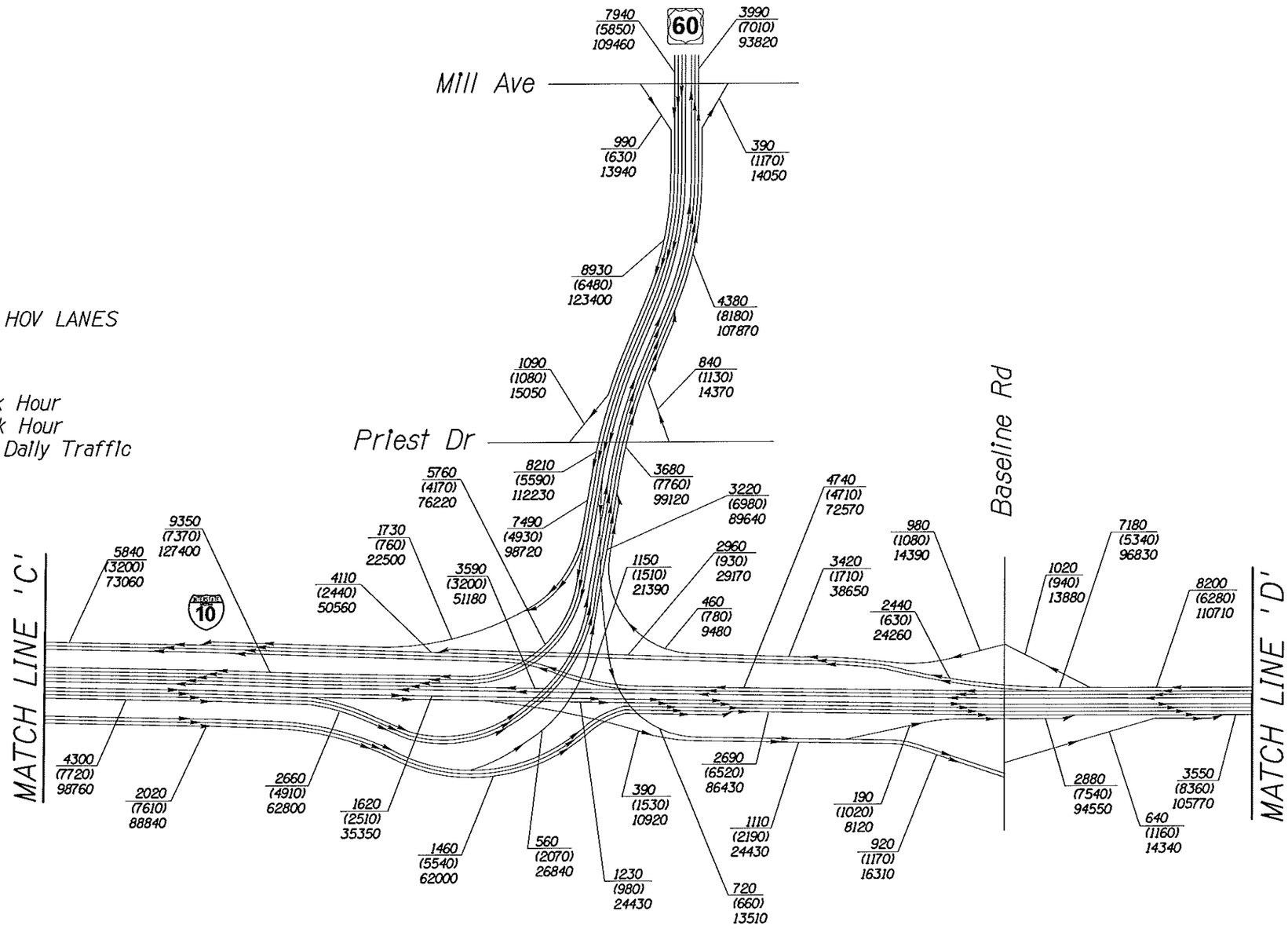
4/4/2007

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

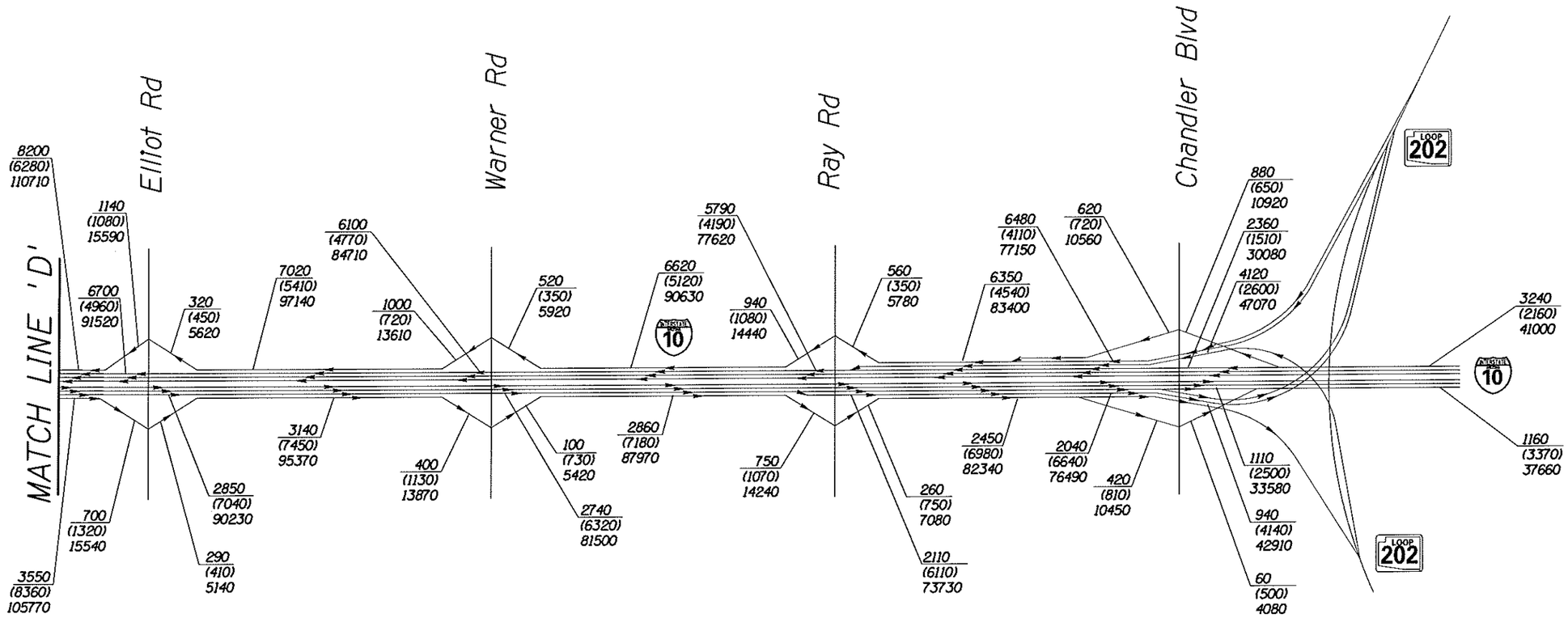
DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 1
2030 TRAFFIC VOLUMES
SHEET 4 OF 5

n:\5445\Design\tra\2030 ASR GRAPHICS\Alt 1\Alt1vol4.dgn

4/4/2007



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 C
ALTERNATIVE 1
2030 TRAFFIC VOLUMES
SHEET 5 OF 5

n:\5445\Design\tra\2030 ASR GRAPHICS\Alt 1\Altlvol5.dgn

4/4/2007

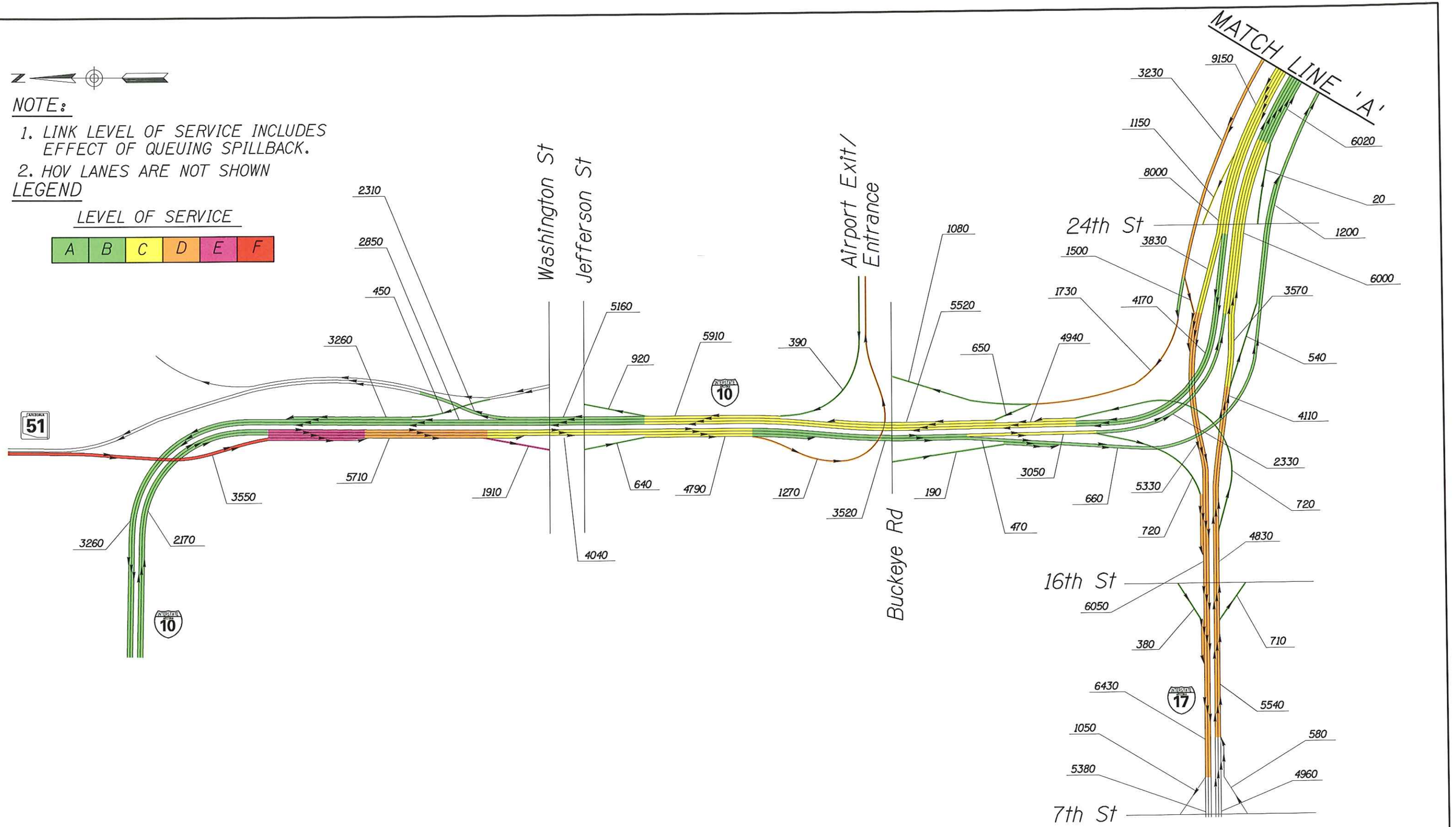
NOTE:

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 C
ALTERNATIVE 1
2030 AM LEVEL OF SERVICE
SHEET 1 OF 5

4/6/2007

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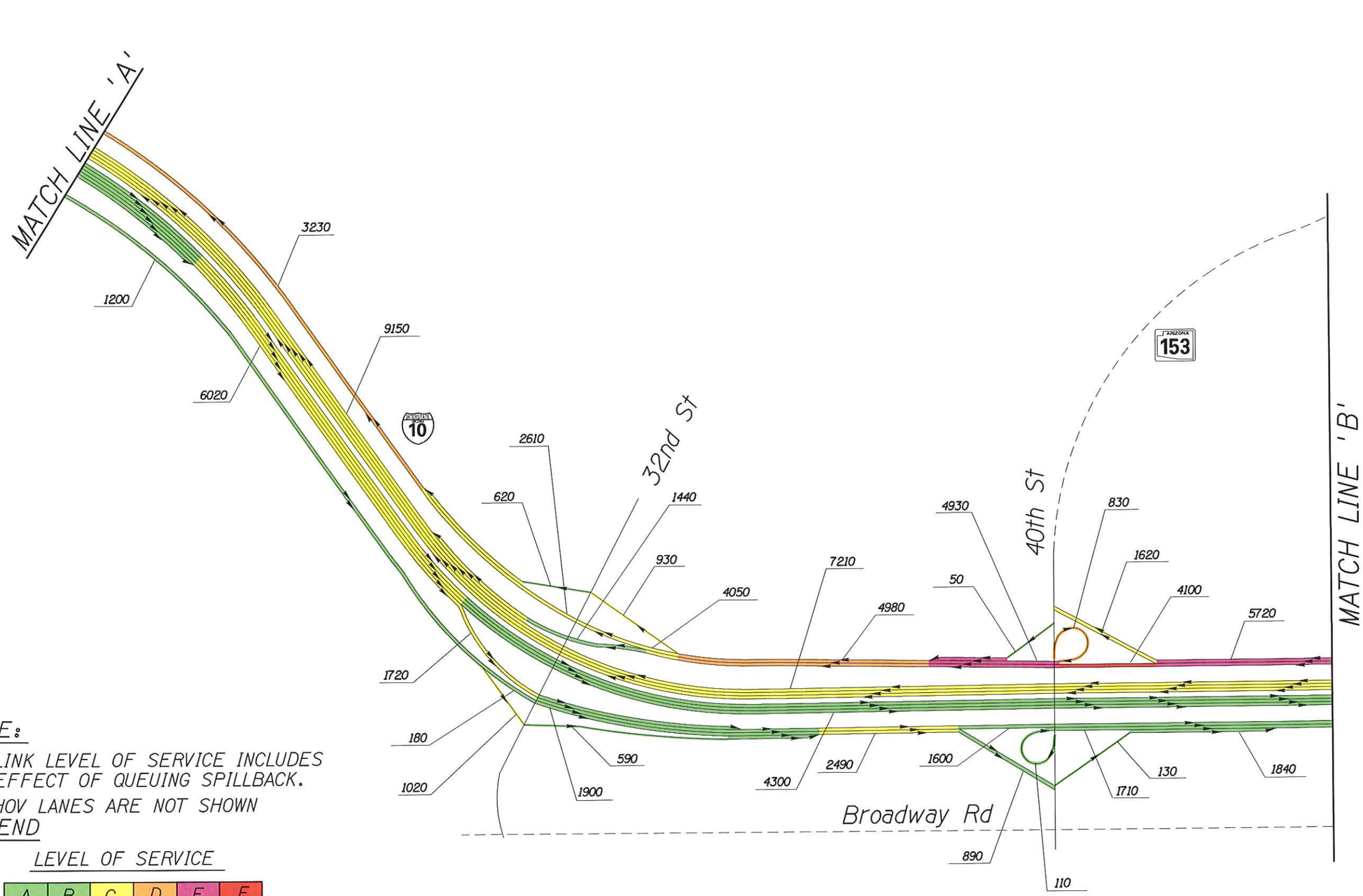


NOTE:

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 C
ALTERNATIVE 1
2030 AM LEVEL OF SERVICE
SHEET 2 OF 5

n:\5445\design\tra\2030 asr graphics\alt 1\coloralt1am2.dgn

4/6/2007

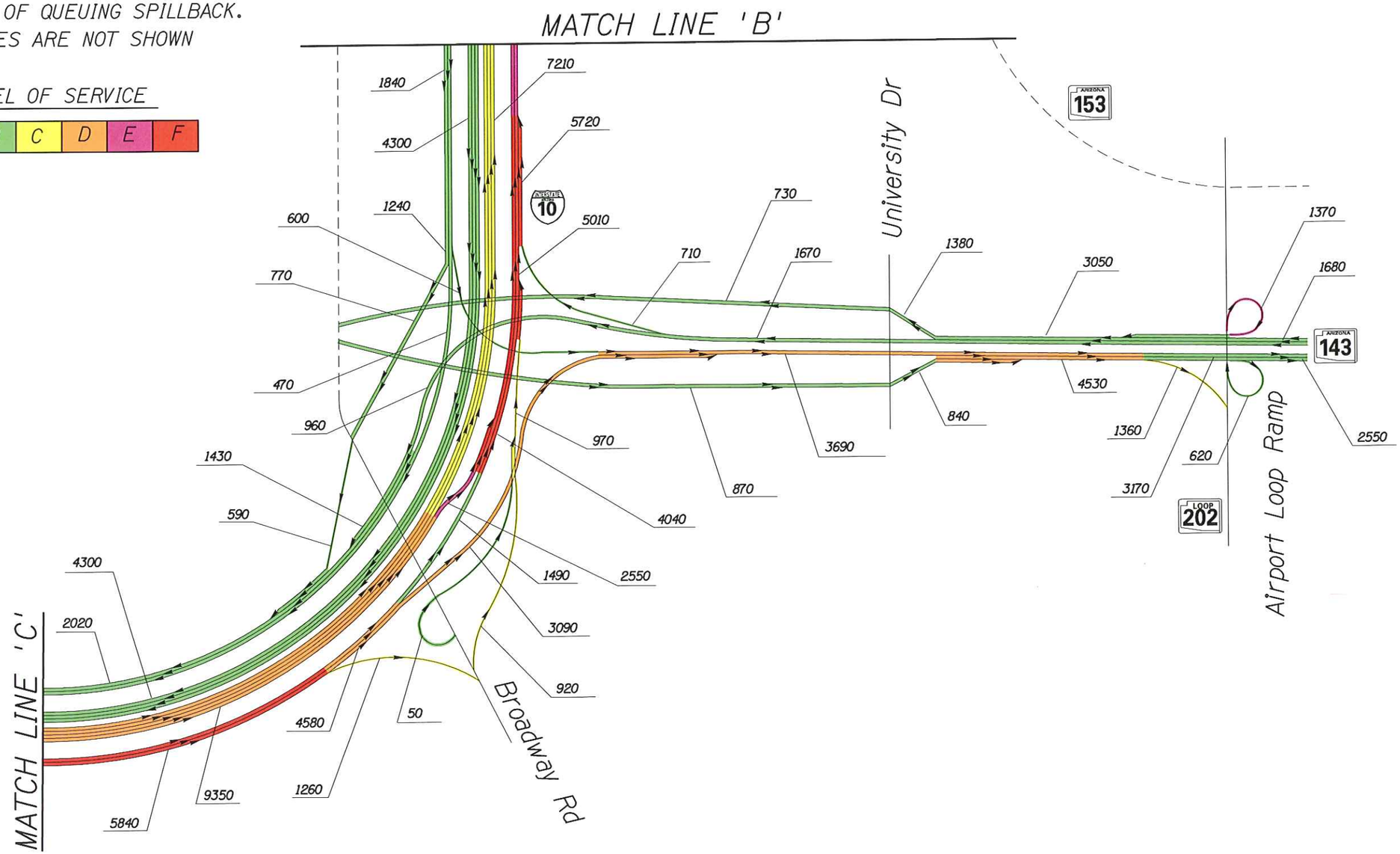
NOTE:

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 C
ALTERNATIVE 1
2030 AM LEVEL OF SERVICE
SHEET 3 OF 5

n:\5445\design\tra\2030 asr graphics\alt 1\coloraltlam3.dgn

4/6/2007

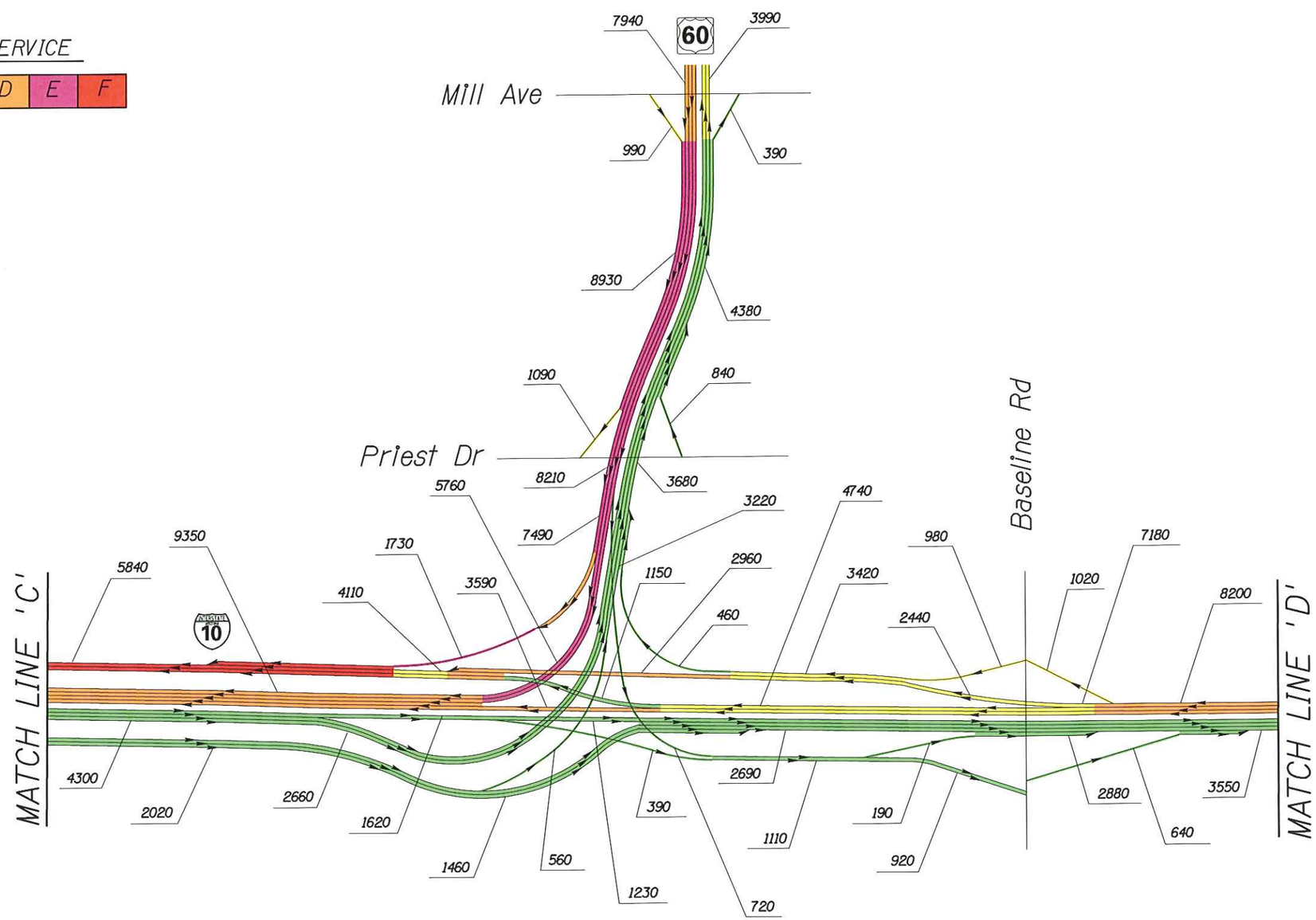
NOTE:

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 C
ALTERNATIVE 1
2030 AM LEVEL OF SERVICE
SHEET 4 OF 5

n:\5445\design\tra\2030 asr graphics\alt 1\coloralt1am4.dgn

4/6/2007

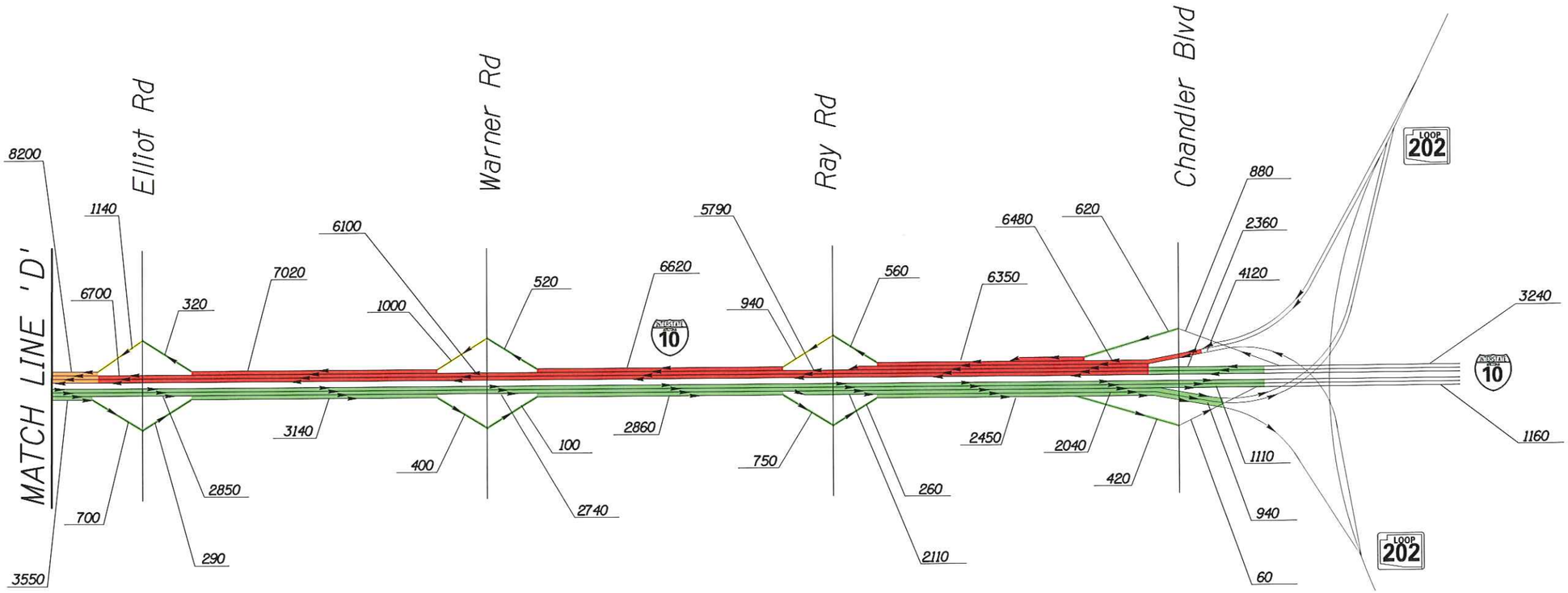
NOTE:

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 C
ALTERNATIVE 1
2030 AM LEVEL OF SERVICE
SHEET 5 OF 5

n:\5445\design\tra\2030 asr graphics\alt 1\coloraltlam5.dgn

4/6/2007

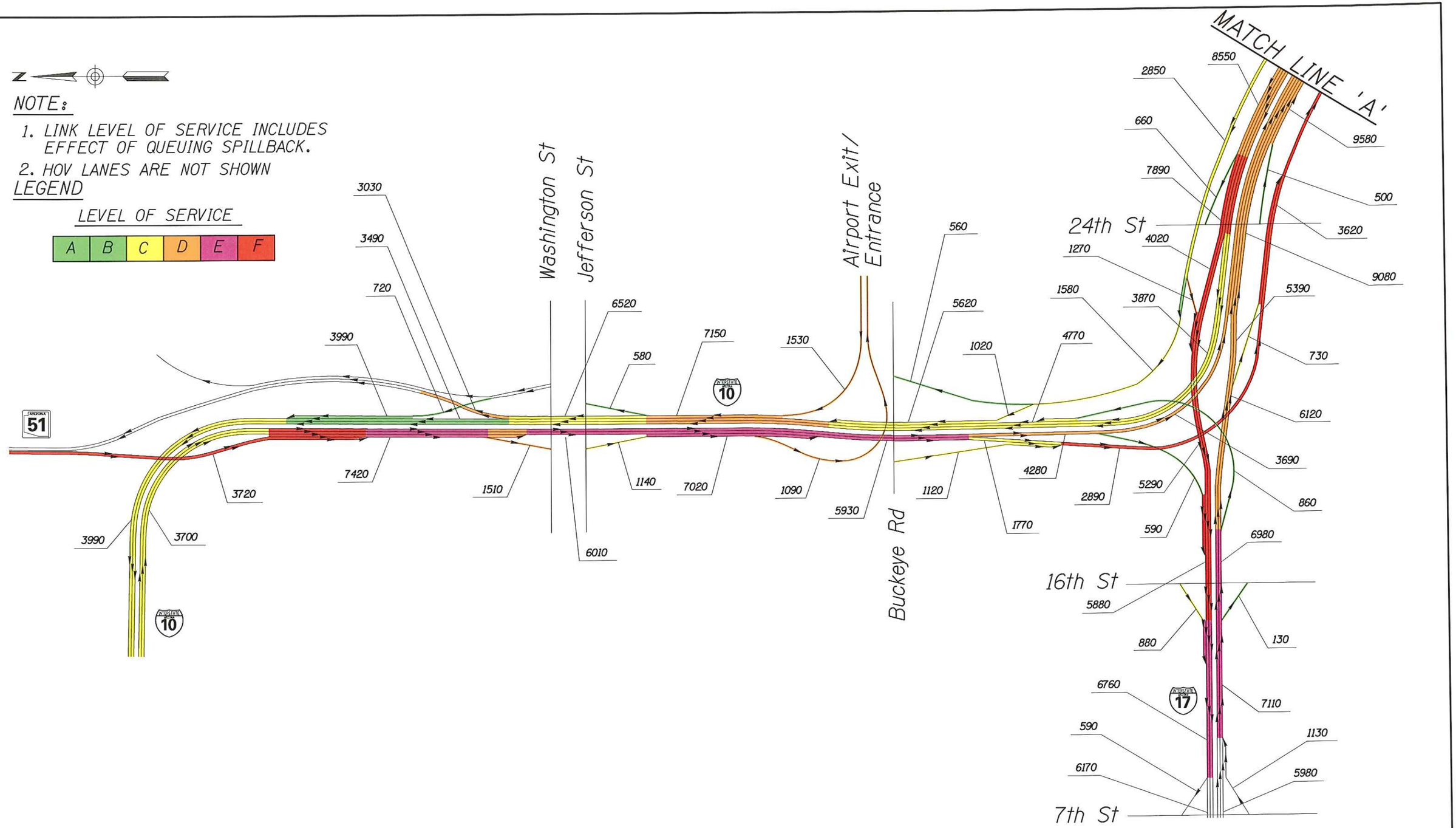
NOTE:

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 C
ALTERNATIVE 1
2030 PM LEVEL OF SERVICE
SHEET 1 OF 5

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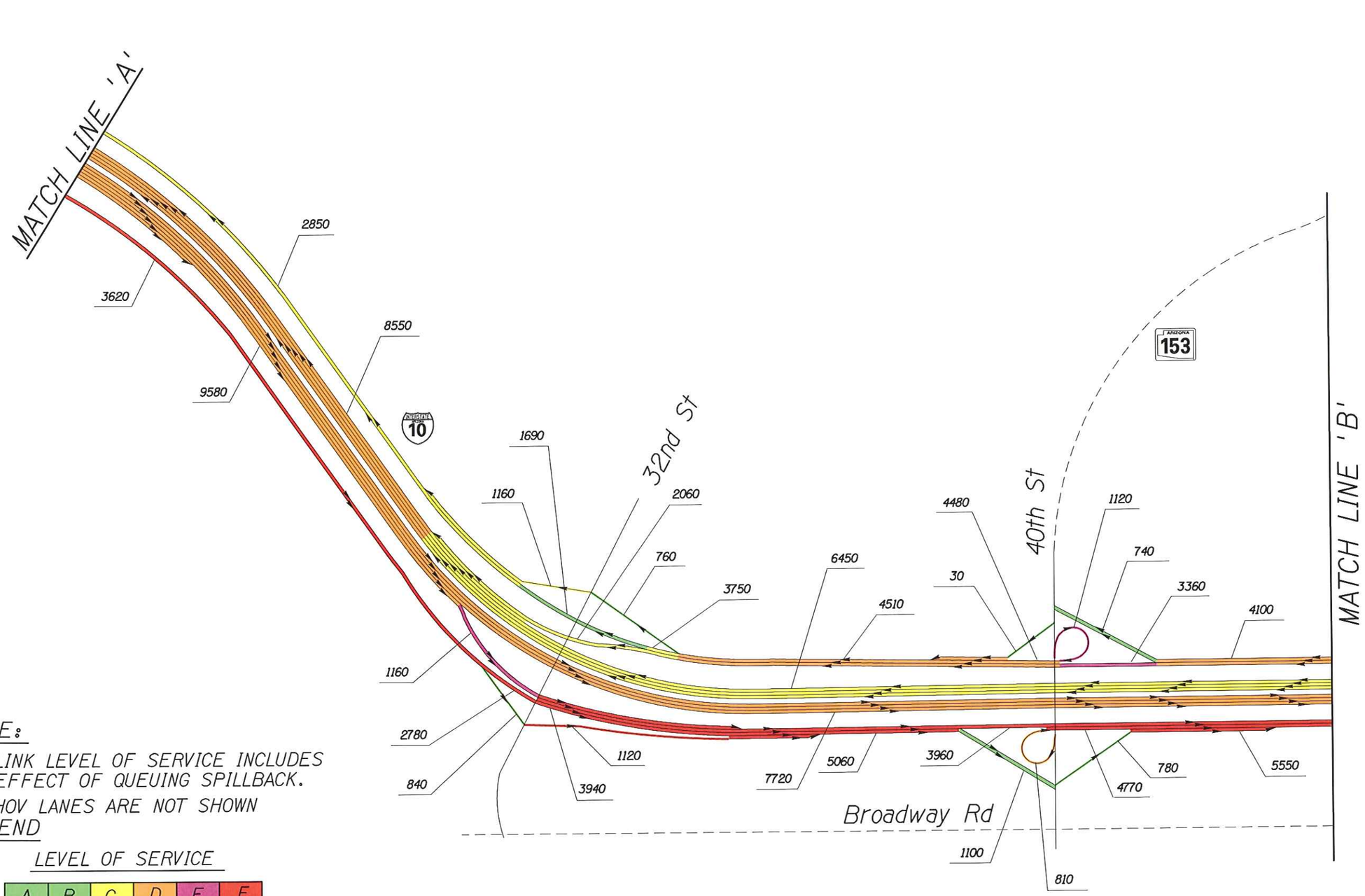
4/6/2007



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 C
ALTERNATIVE 1
2030 PM LEVEL OF SERVICE
SHEET 2 OF 5

n:\5445\design\tra\2030 asr graphics\alt 1\coloraltipm2.dgn

4/6/2007

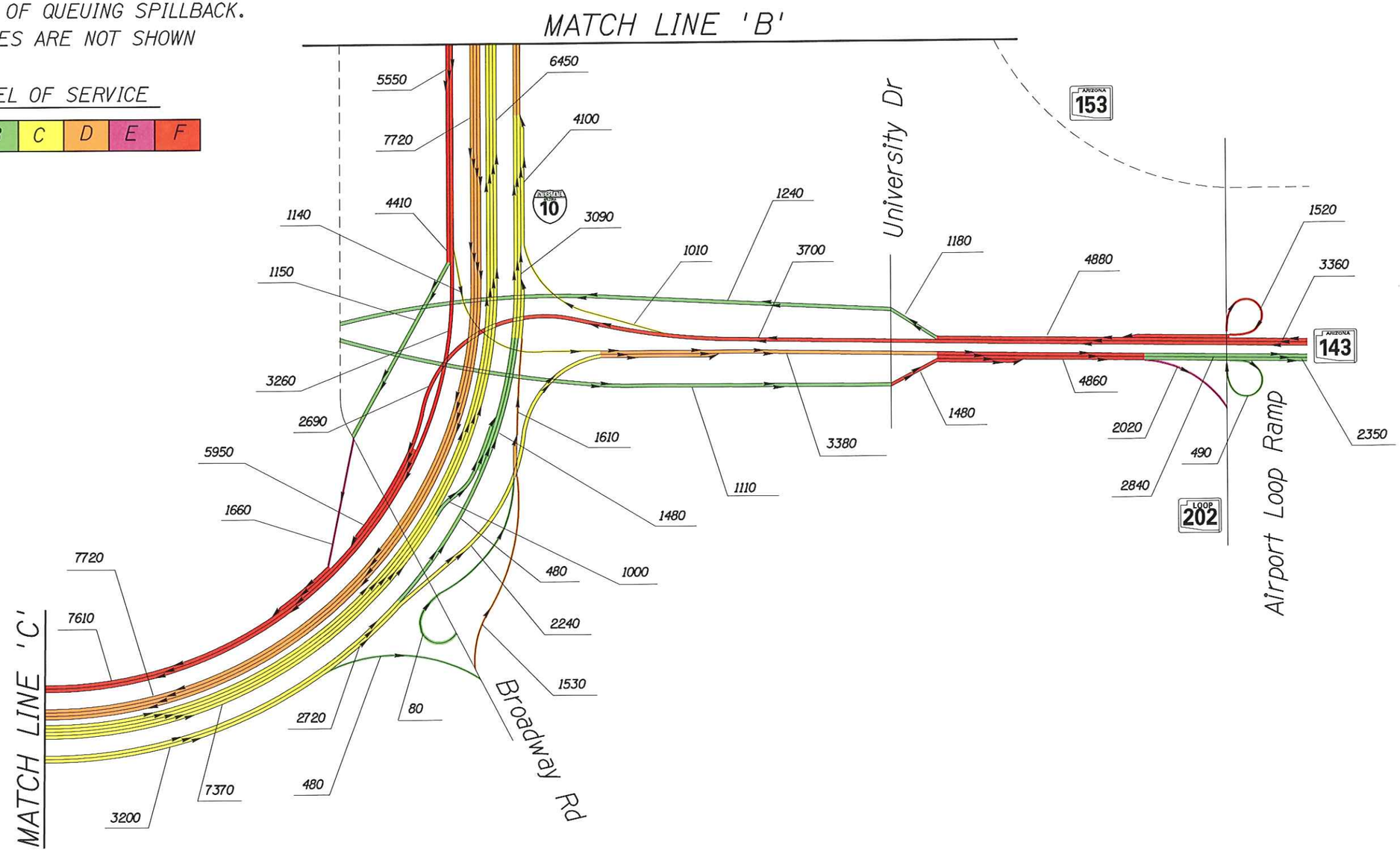
NOTE:

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 C
ALTERNATIVE 1
2030 PM LEVEL OF SERVICE
SHEET 3 OF 5

n:\5445\design\tra\2030 asr graphics\alt 1\coloraltlpm3.dgn

4/6/2007

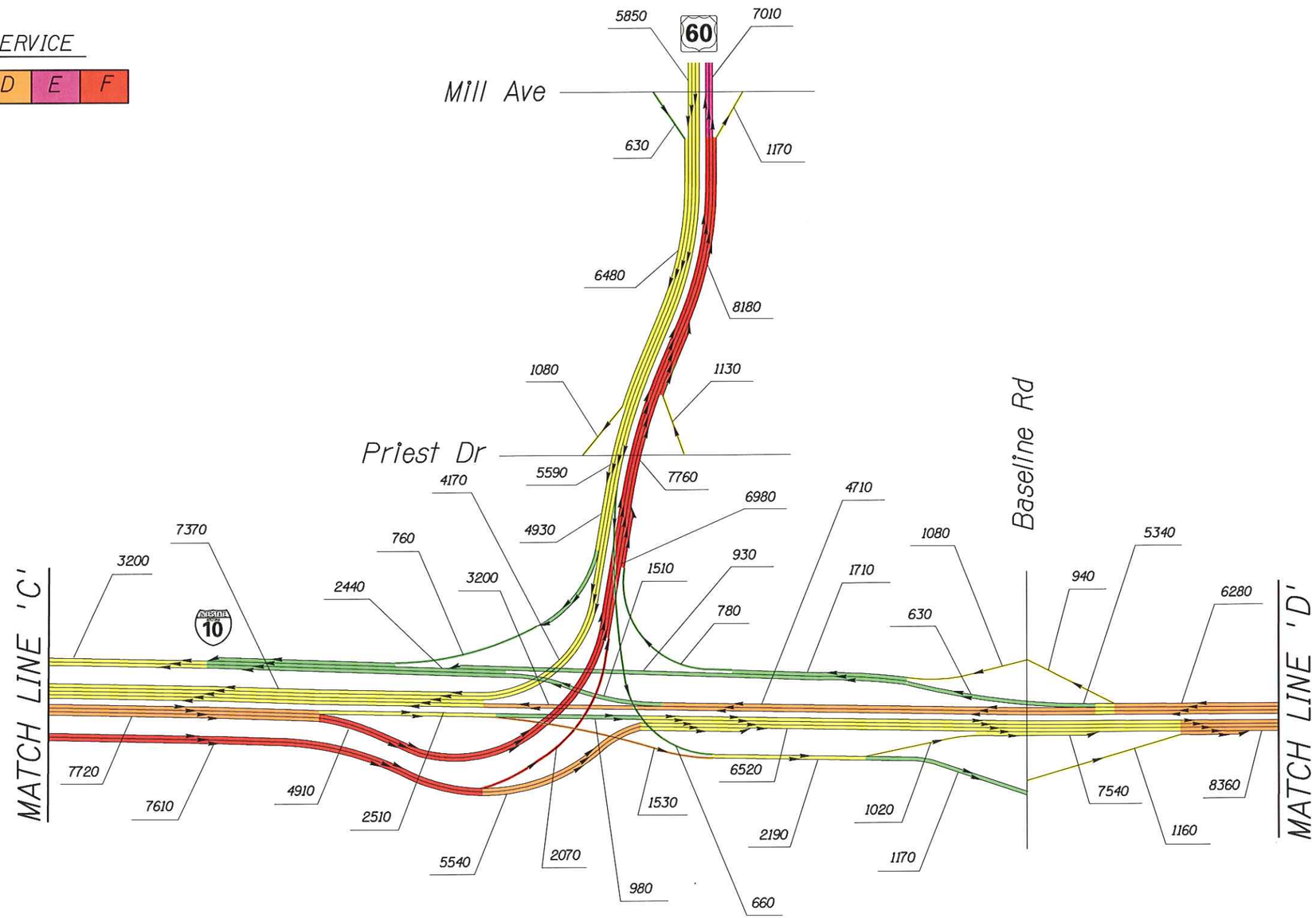
NOTE:

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 C
ALTERNATIVE 1
2030 PM LEVEL OF SERVICE
SHEET 4 OF 5

n:\5445\design\tra\2030 asr graphics\alt 1\coloraltlpm4.dgn

4/6/2007

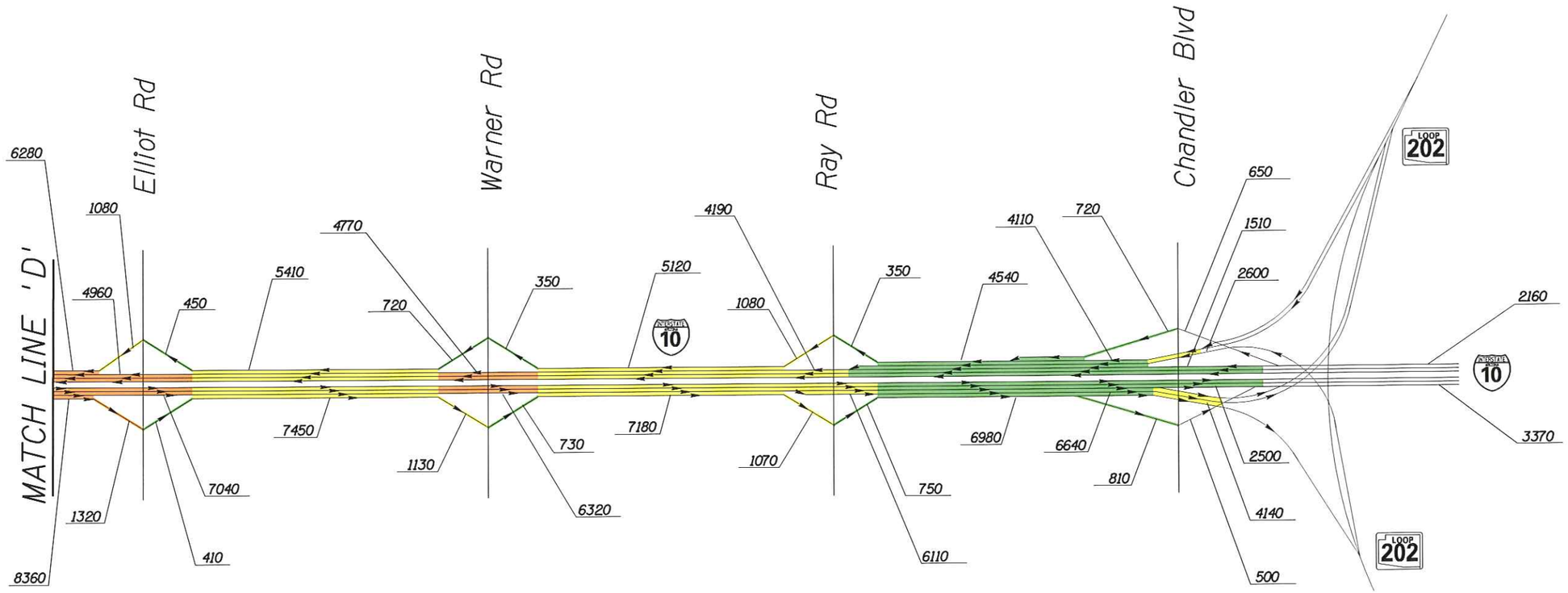
NOTE:

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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4/6/2007

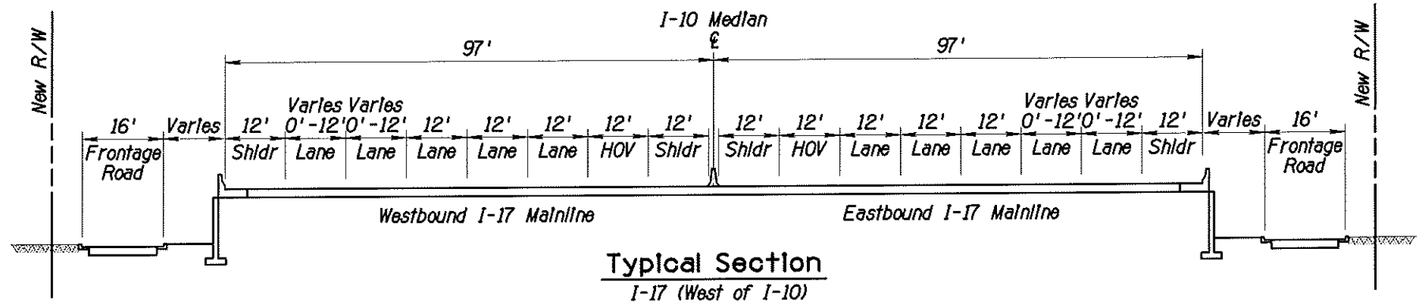
I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

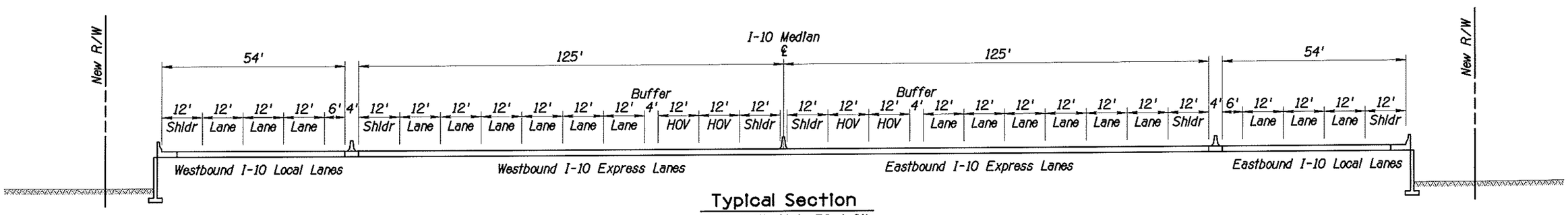
APPENDIX C
ALTERNATIVE 1
2030 PM LEVEL OF SERVICE
SHEET 5 OF 5

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



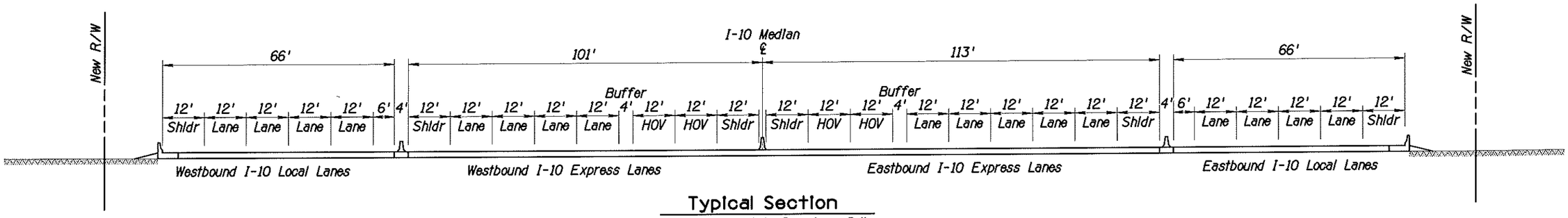
Typical Section

I-17 (West of I-10)



Typical Section

I-10 (24th St to 32nd St)



Typical Section

I-10 (32nd St to Broadway Rd)

APPENDIX C

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

Alternative 2
Typical Sections

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

TRACS NO. H545401L

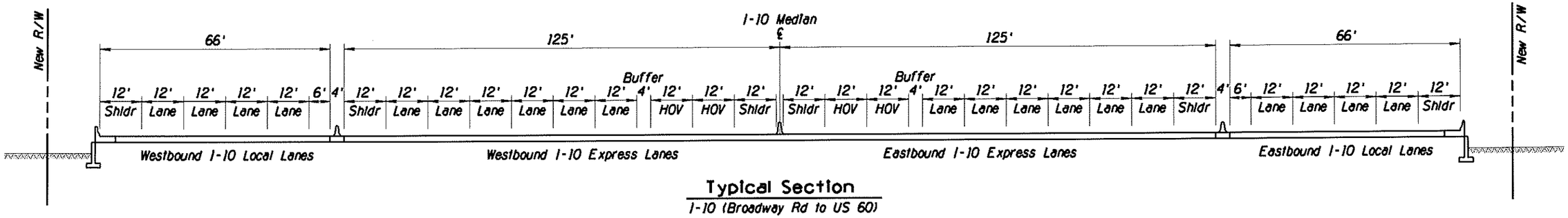
DWG. NO. 1 OF 22
___ OF ___

DRAFT

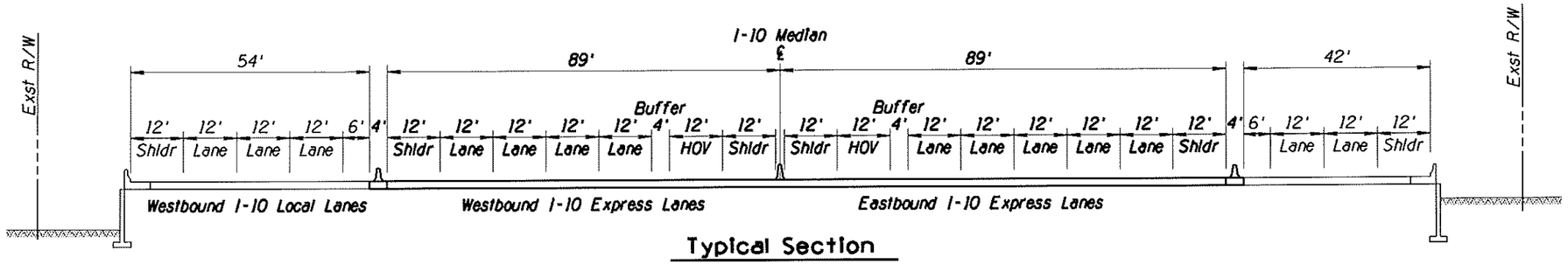
3/15/2007 N:\5445\Prod\ASR\ALT2\5445typAlt2-01.dgn

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

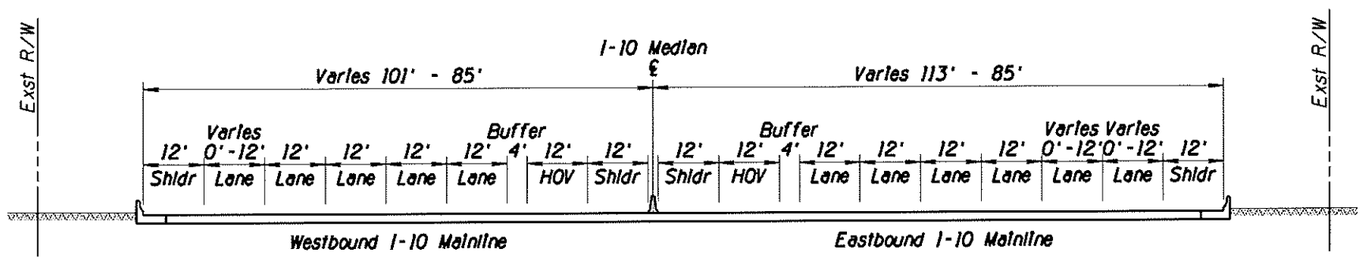
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



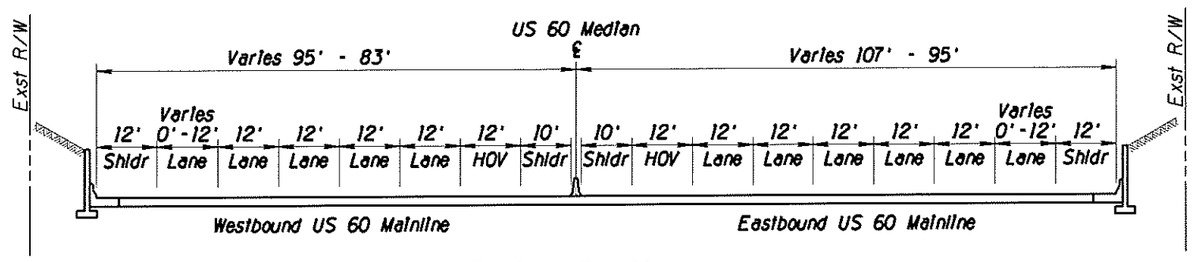
Typical Section
I-10 (Broadway Rd to US 60)



Typical Section
I-10 (US 60 to Baseline Rd)



Typical Section
I-10 (Baseline Rd to Ray Rd)



Typical Section
US 60 (I-10 to Mill Ave)

DRAFT

APPENDIX C

	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

Alternative 2
Typical Sections

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

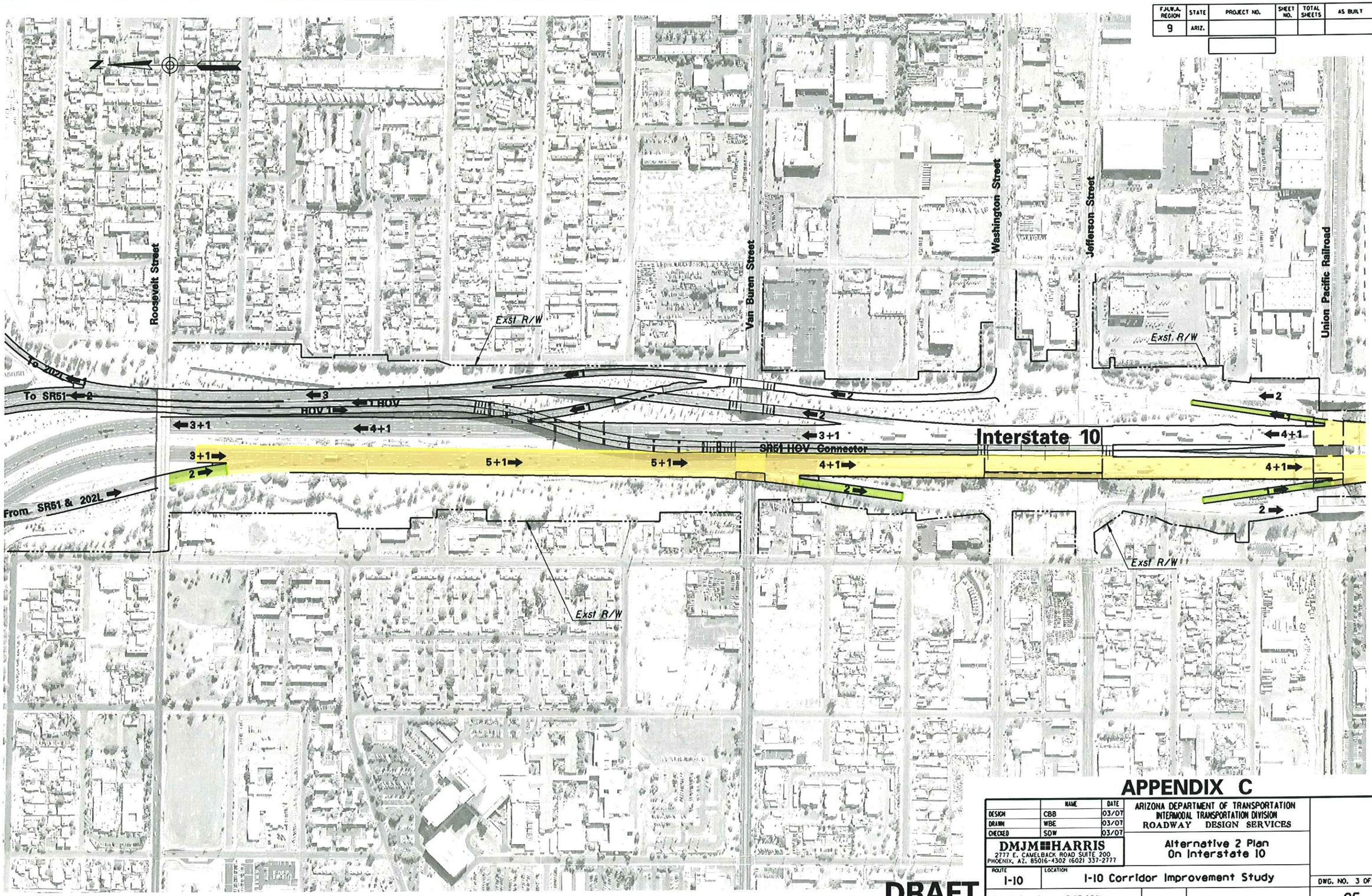
TRACS NO. H545401L

DWG. NO. 2 OF 22

___ OF ___

4/9/2007 N:\5445\Prod\ASR\ALT2\5445typAlt2-02.dgn

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



APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

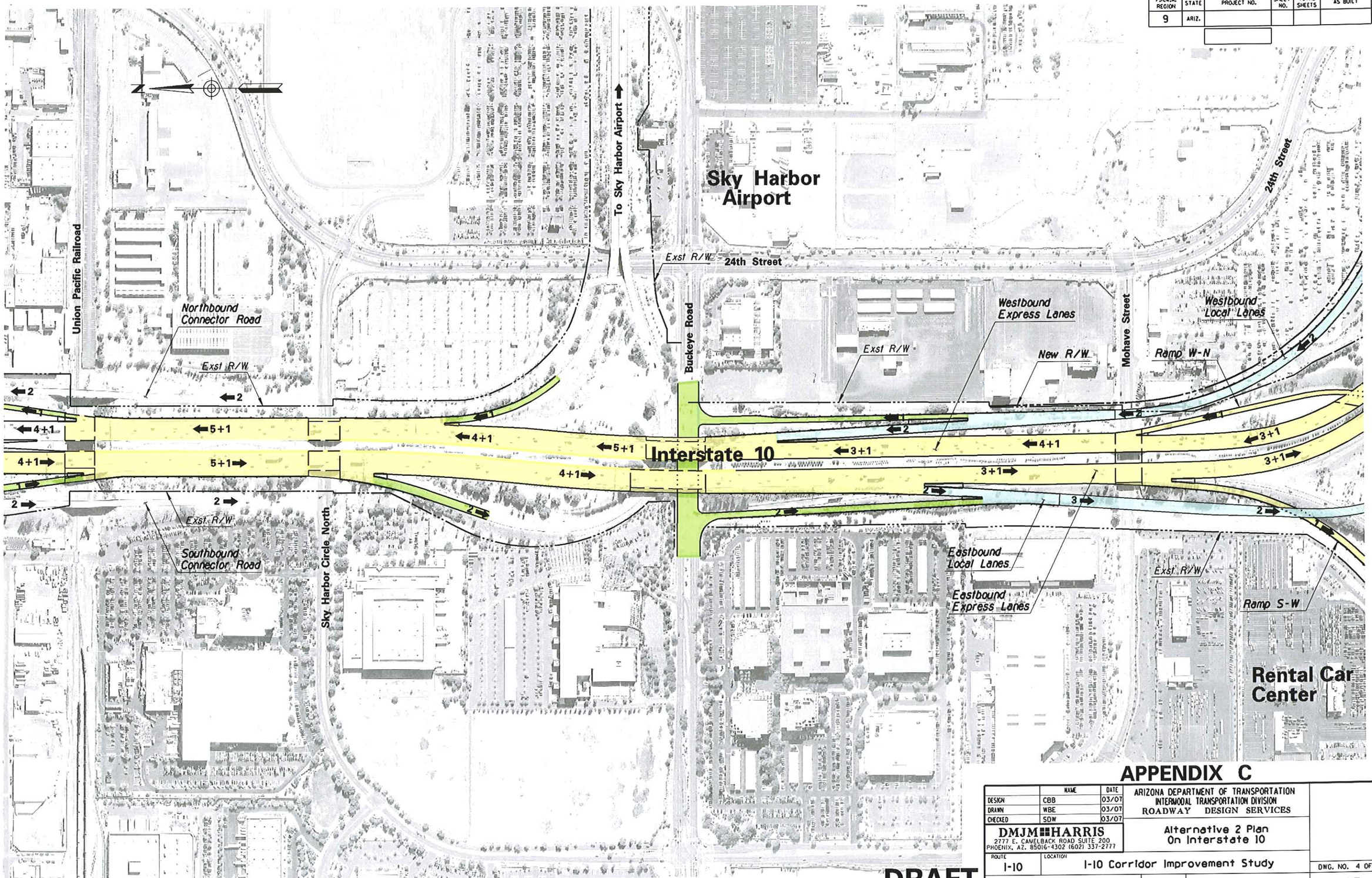
DWG. NO. 3 OF 22
___ OF ___

DRAFT

3/14/2007 N:\5445\Prod\ASR\ALT2\5445cp101.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 C

DRAFT

	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

Alternative 2 Plan
On Interstate 10

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

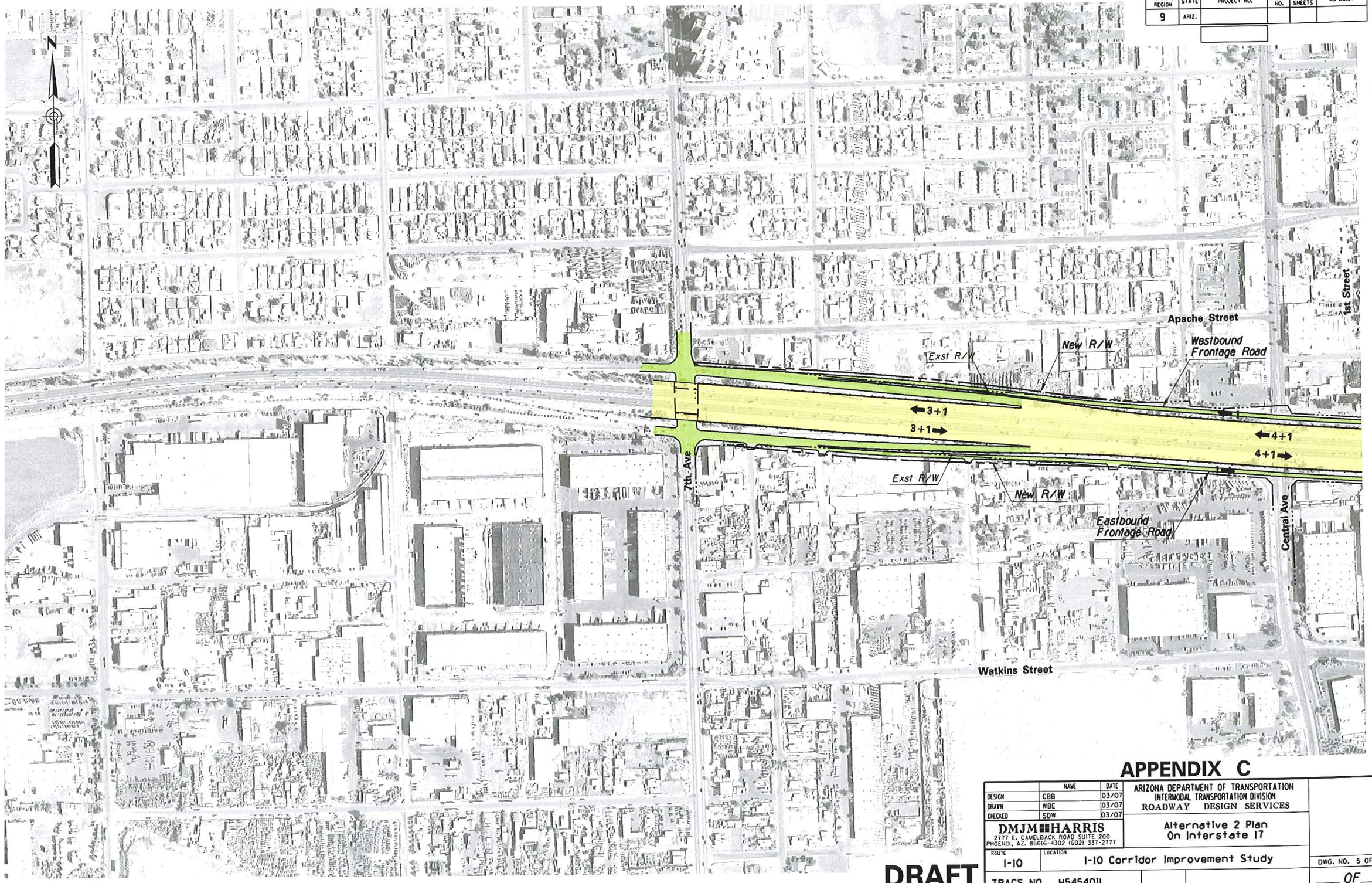
TRACS NO. H545401L

DWG. NO. 4 OF 22
___ OF ___

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

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cp102.dgn

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



APPENDIX C

	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

Alternative 2 Plan
On Interstate 17

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

TRACS NO. H545401L

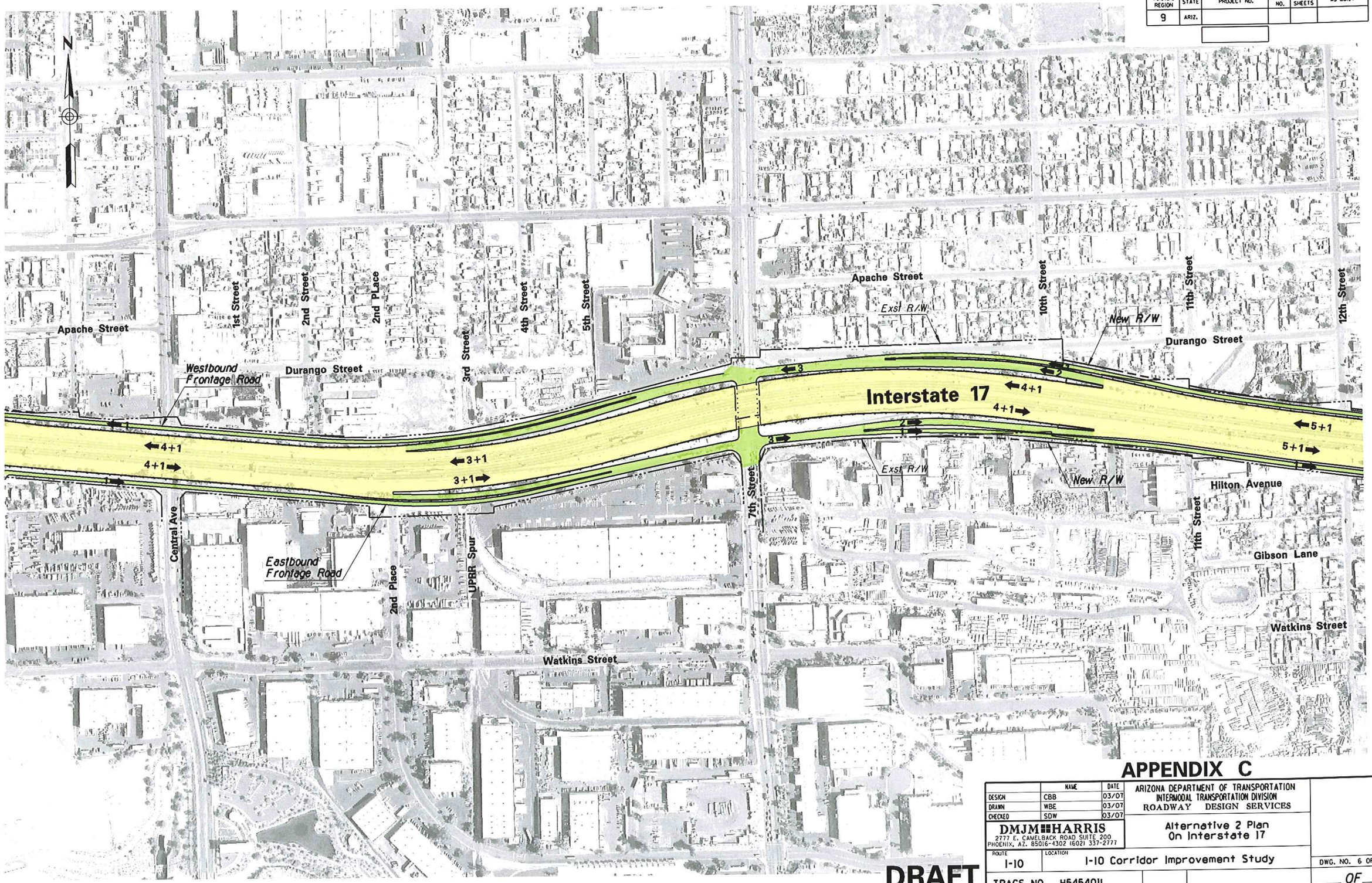
DWG. NO. 5 OF 22
___ OF ___

DRAFT

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cp103a.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 C

	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

Alternative 2 Plan
On Interstate 17

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

TRACS NO. H545401L

DWG. NO. 6 OF 22
___ OF ___

DRAFT

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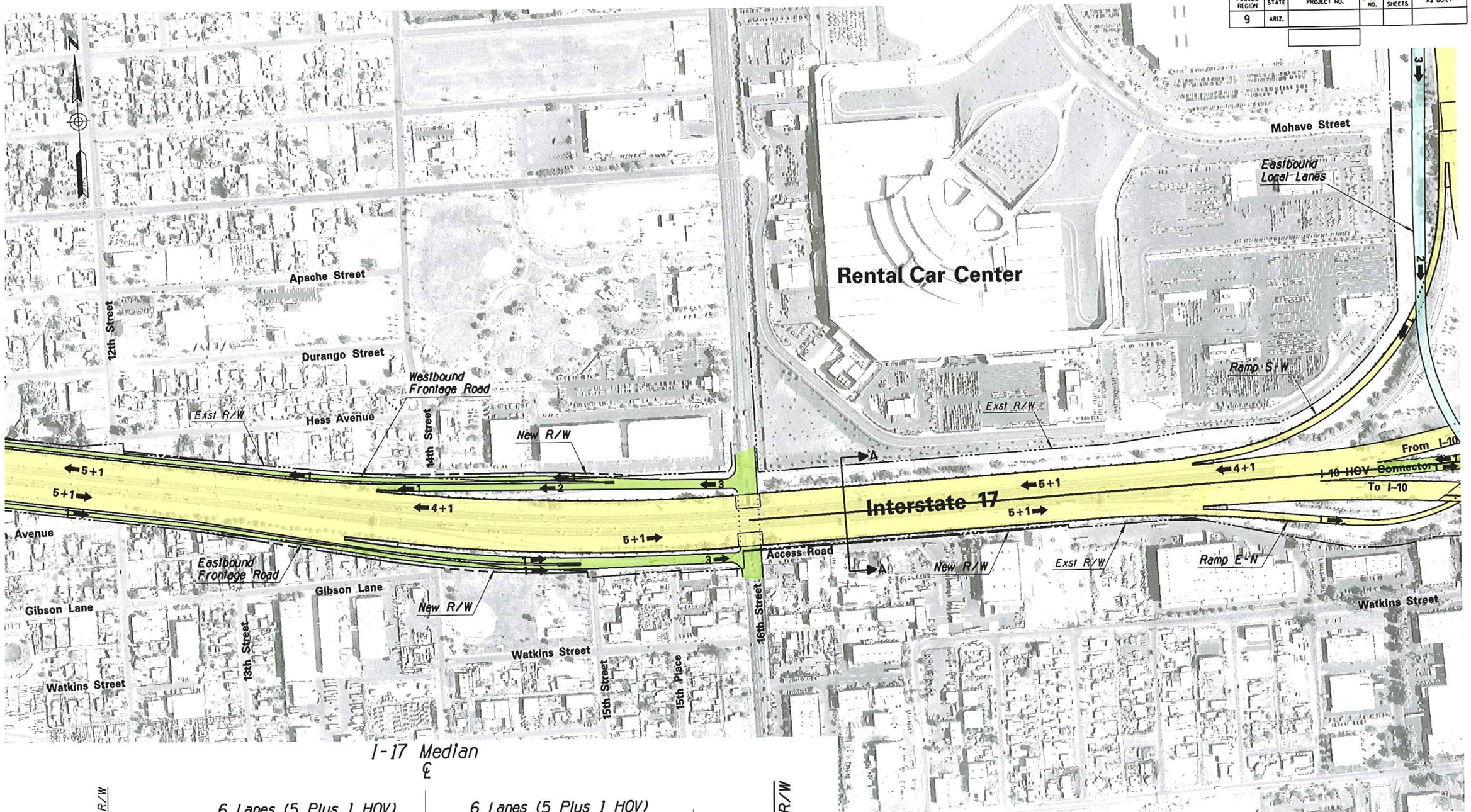
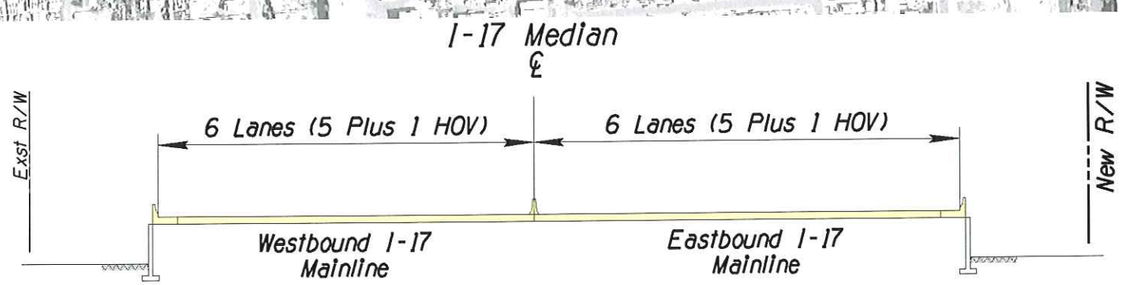
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				





Typical Section A-A

APPENDIX C

	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

Alternative 2 Plan
On Interstate 17

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

DWG. NO. 7 OF 22
___ OF ___

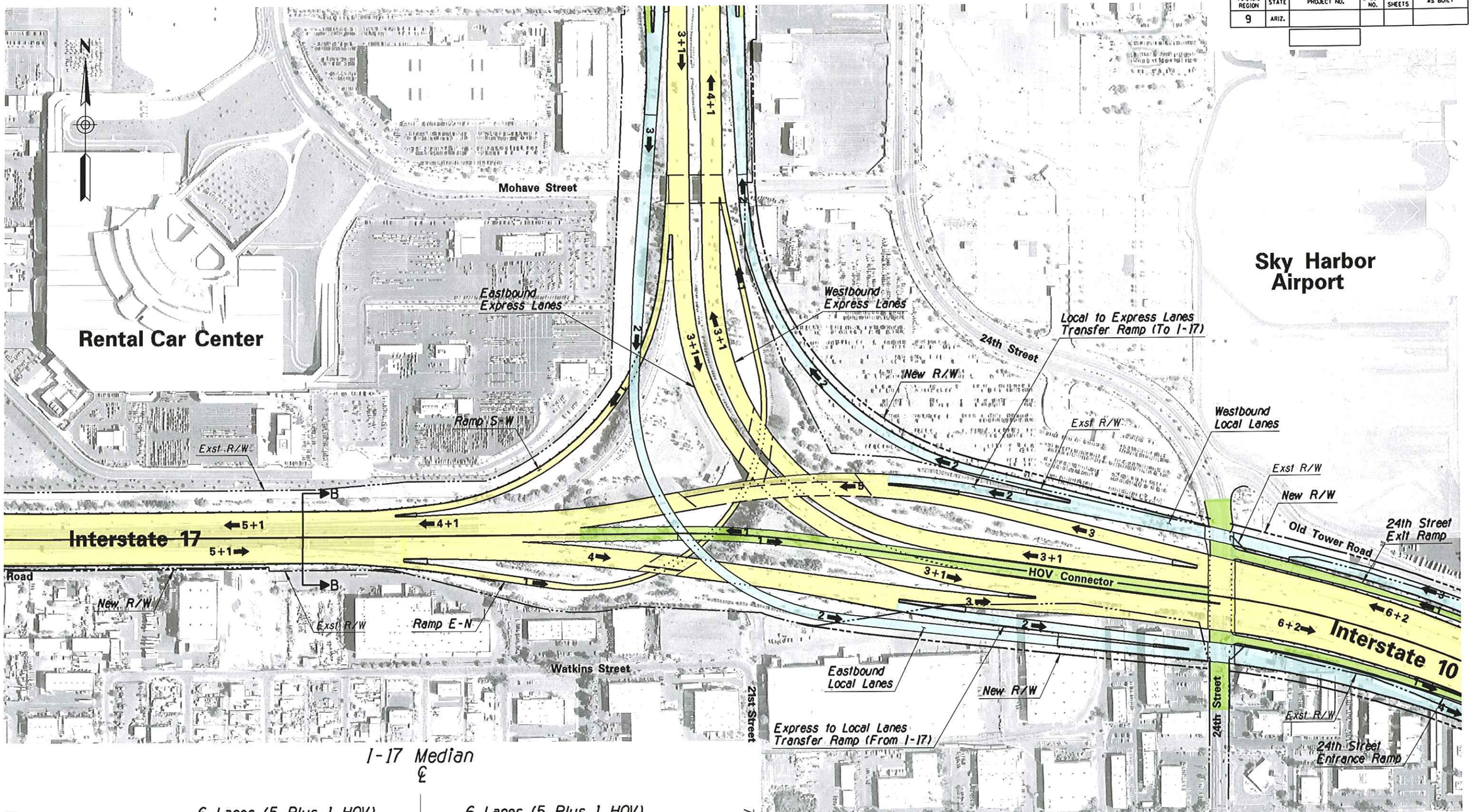
TRACS NO. H545401L

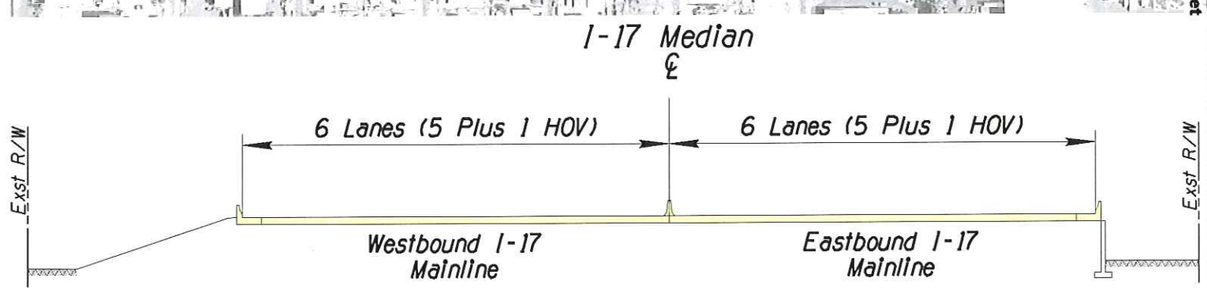
DRAFT

4/10/2007 N:\5445\Prod\ASR\ALT2\5445cpl04.dgn

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

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





Typical Section B-B

APPENDIX C

DRAFT

	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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

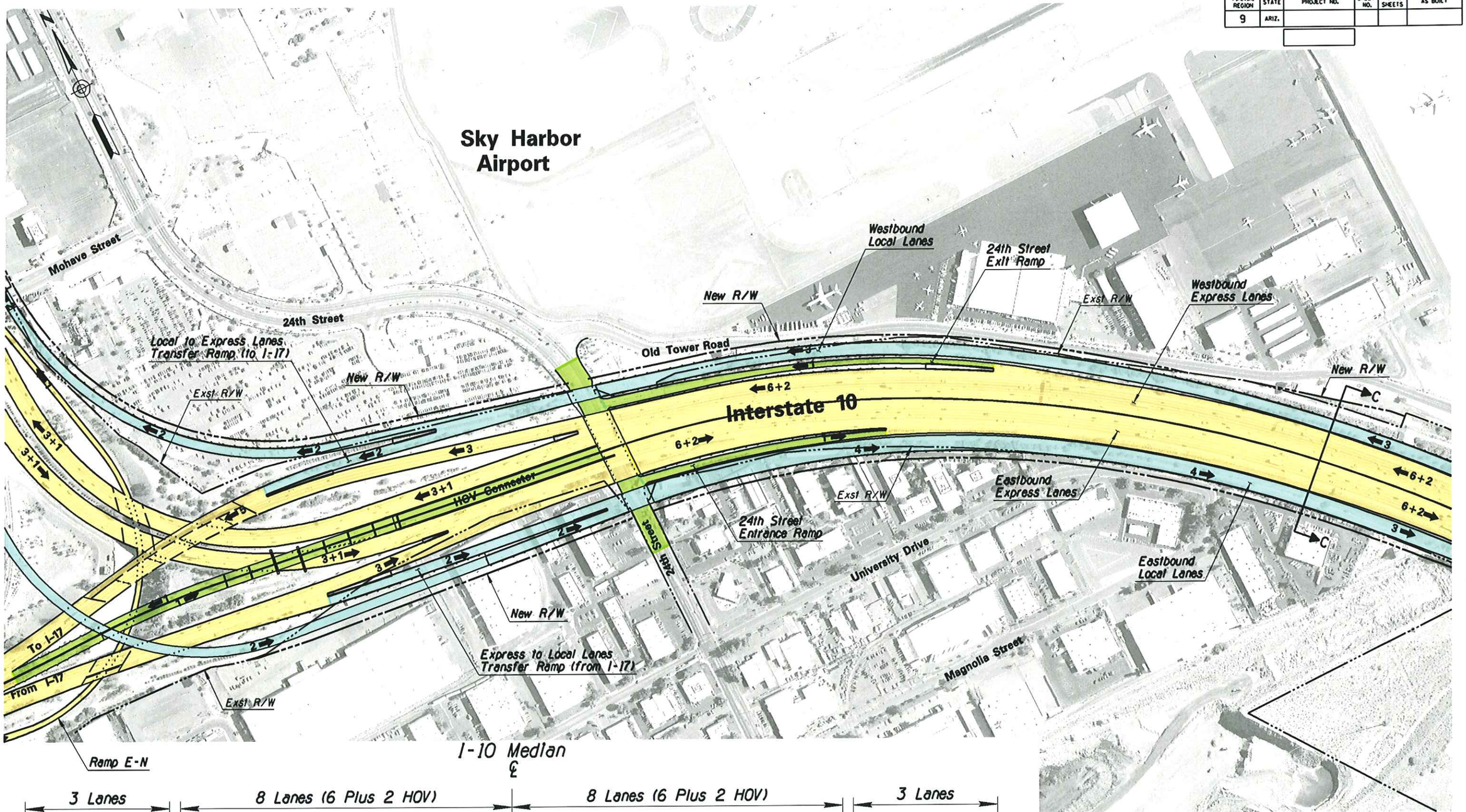
DWG. NO. 8 OF 22

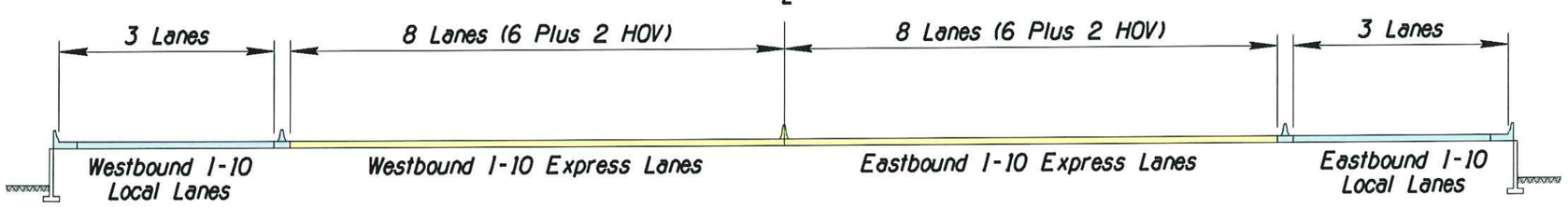
___ OF ___

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cpl05.dgn

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

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





Typical Section C-C

DRAFT

APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

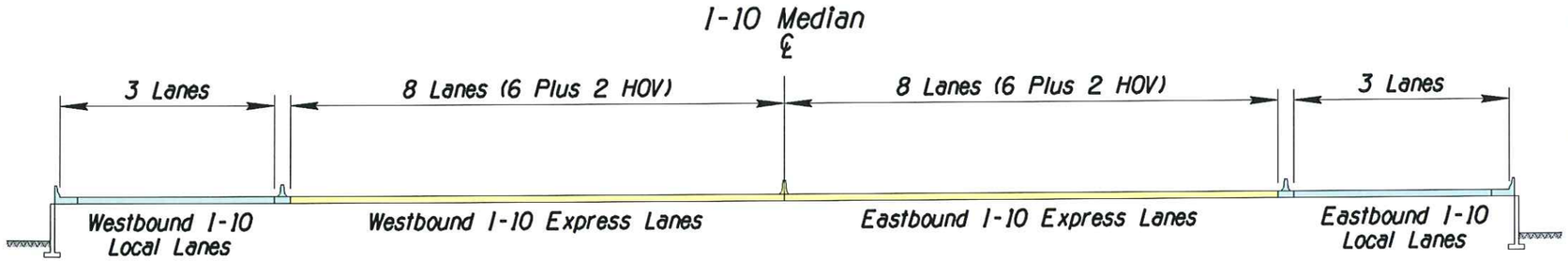
TRACS NO. H545401L

DWG. NO. 9 OF 22
___ OF ___

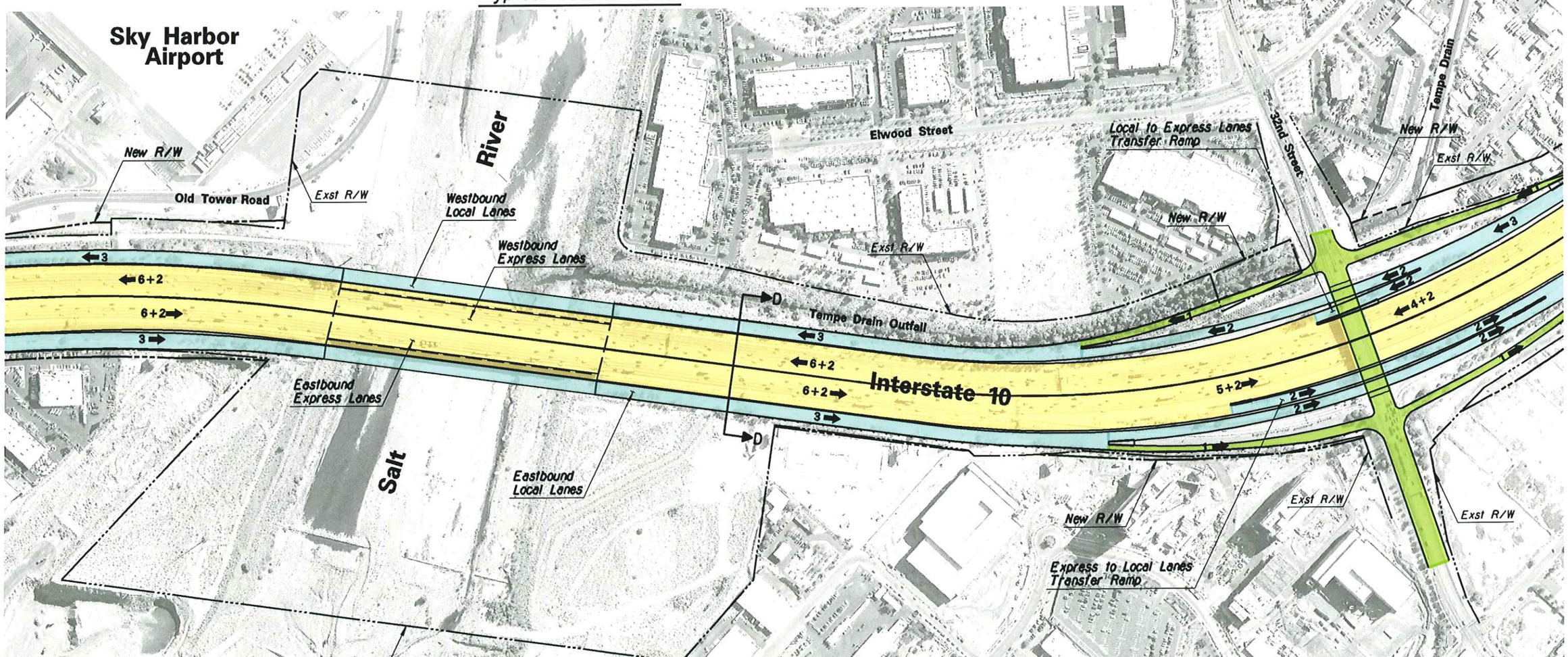
3/14/2007 N:\5445\Prod\ASR\ALT2\5445cp106.dgn

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

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



Typical Section D-D



DRAFT

APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

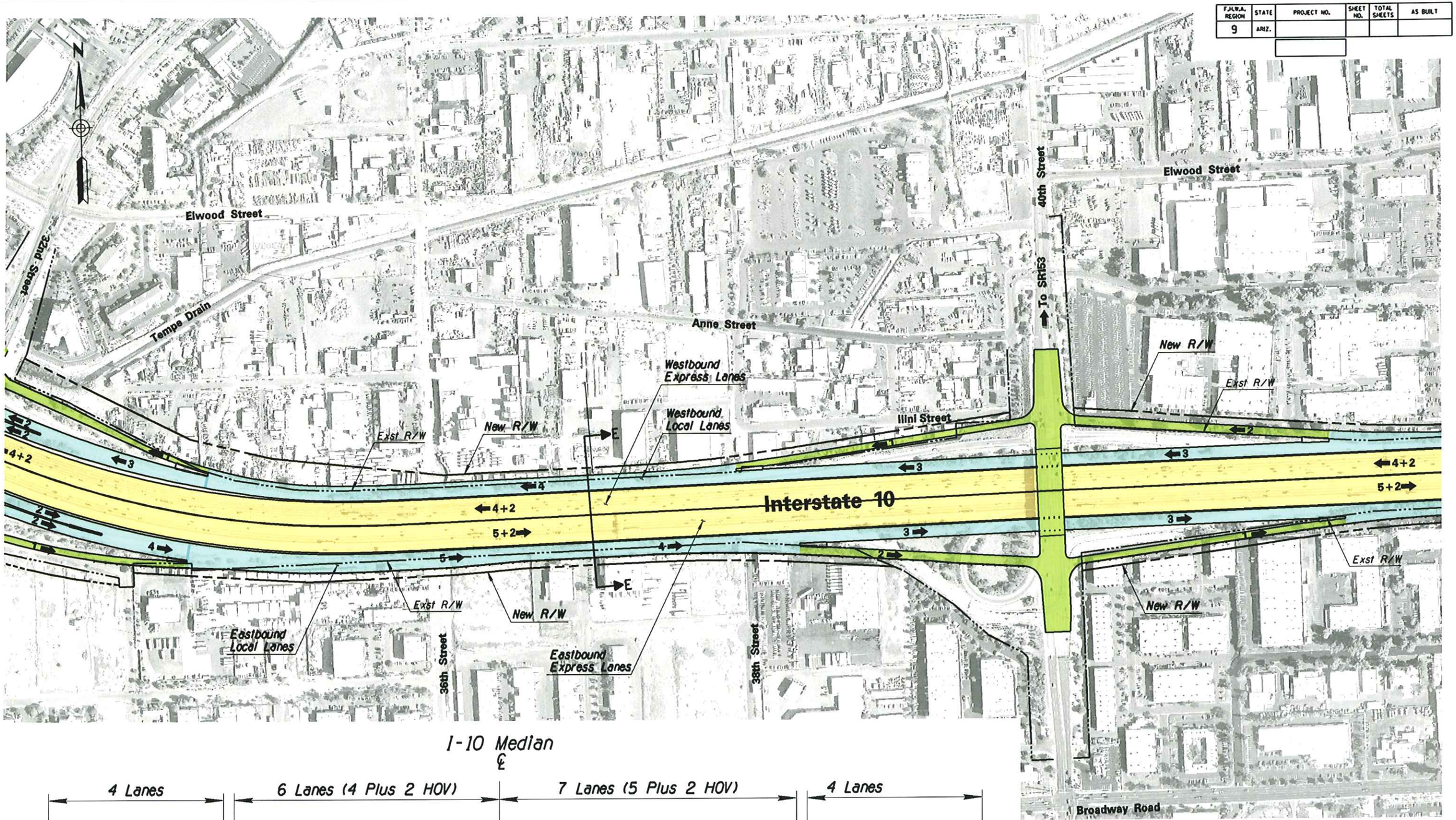
TRACS NO. H545401L

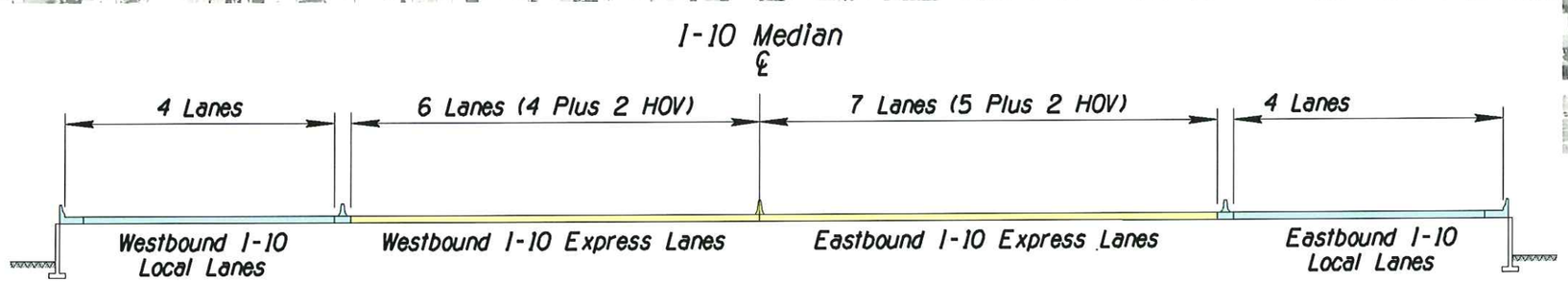
DWG. NO. 10 OF 22
___ OF ___

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

3/14/2007 N:\5445\Prod\ASR\ALT2\5445cpl07.dgn

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





Typical Section E-E

APPENDIX C

DRAFT

	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

Alternative 2 Plan
On Interstate 10

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

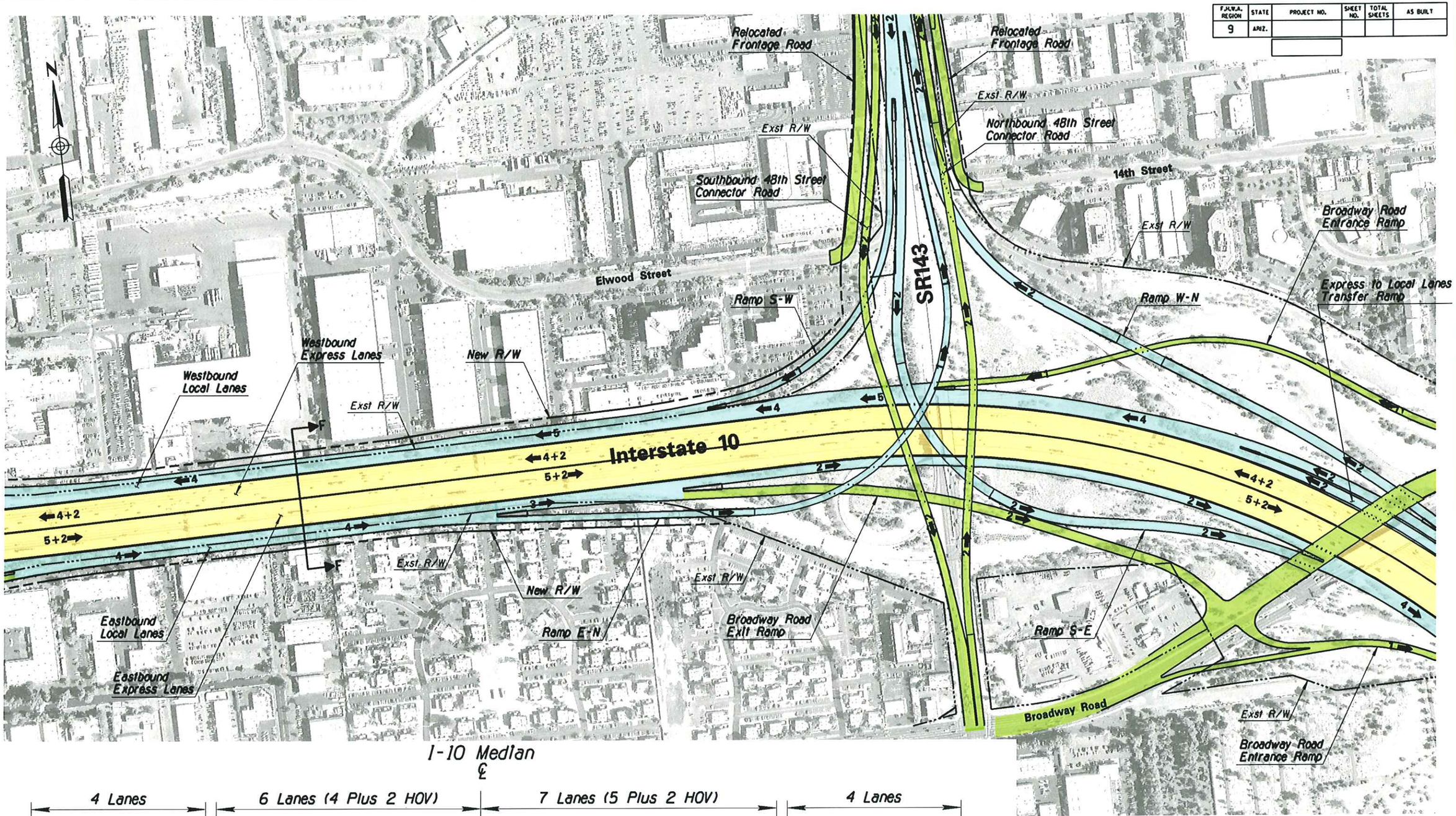
TRACS NO. H545401L

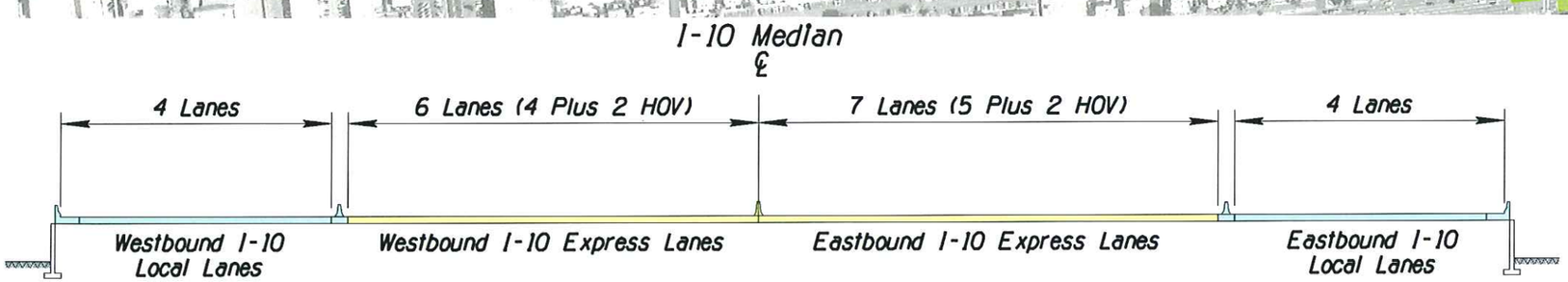
DWG. NO. 11 OF 22
___ OF ___

3/14/2007 N:\5445\Prod\ASR\ALT2\5445cp108.dgn

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

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





Typical Section F-F

DRAFT

APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

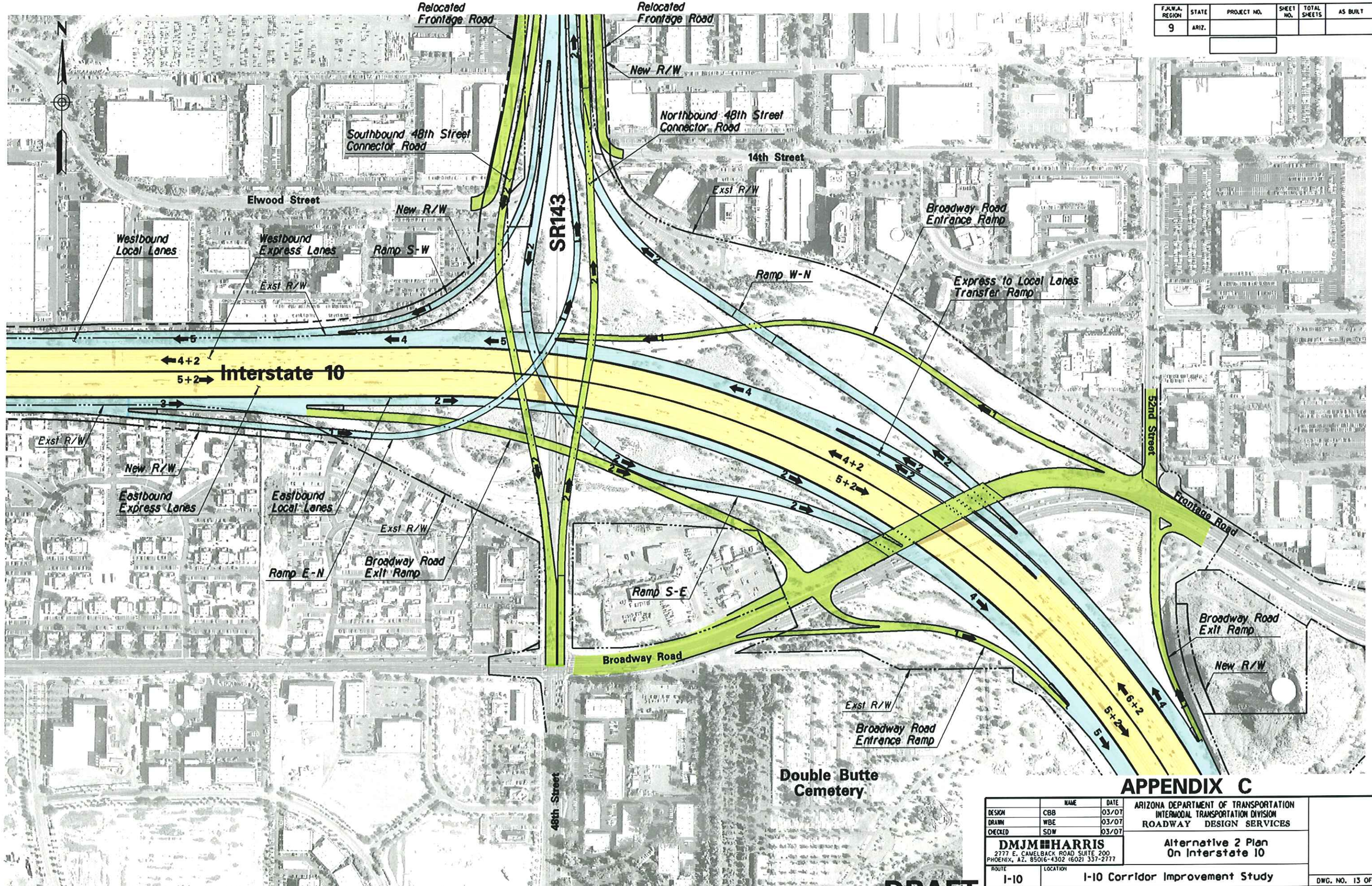
TRACS NO. H545401L

DWG. NO. 12 OF 22
___ OF ___

3/14/2007 N:\5445\Prod\ASR\ALT2\5445cp109.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 C

	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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

DWG. NO. 13 OF 22
___ OF ___

3/15/2007 N:\5445\Prod\ASR\ALT2\5445cp110.dgn

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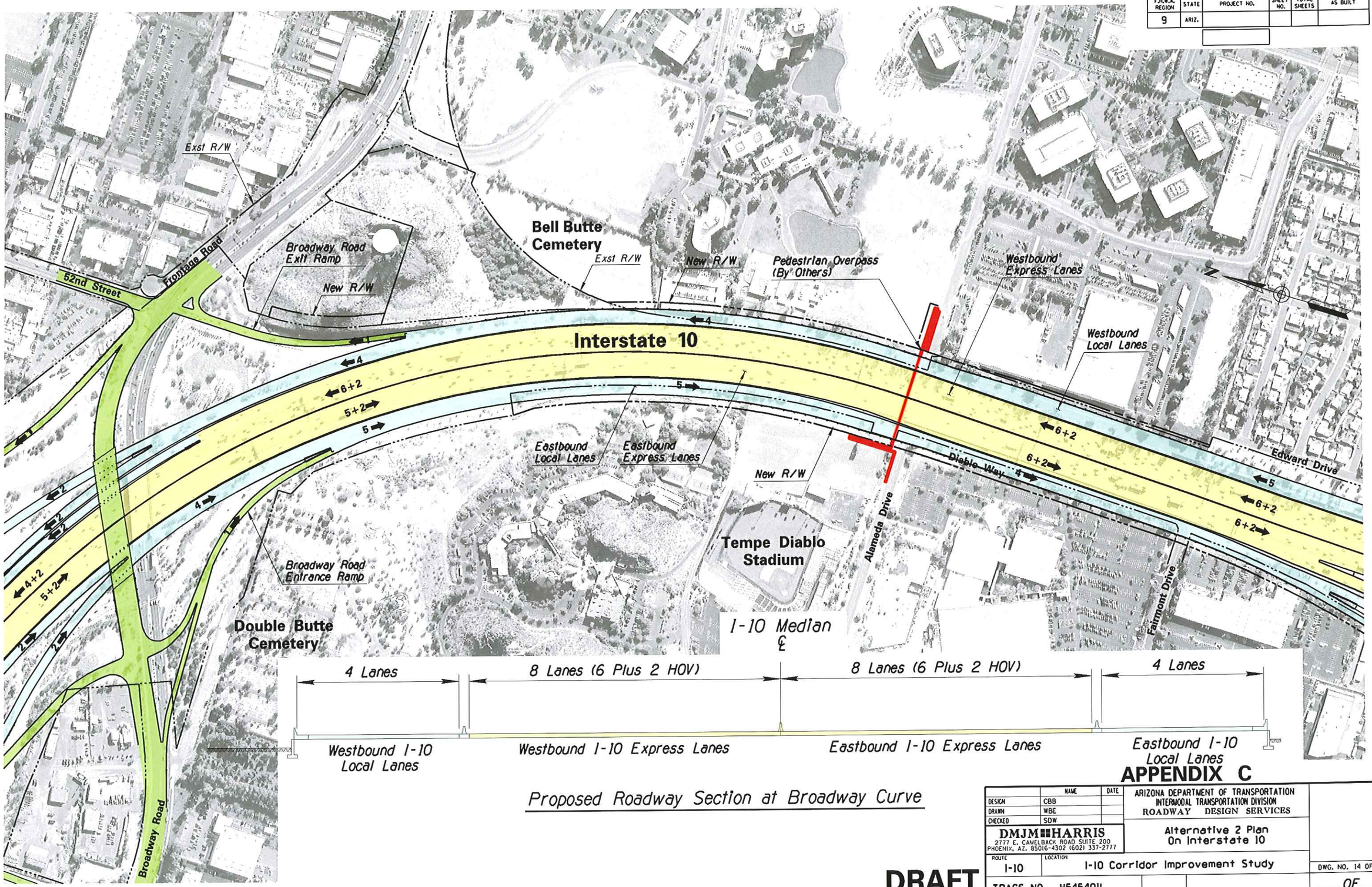

APPENDIX C

Proposed Roadway Section at Broadway Curve

	NAME	DATE
DESIGN	CBB	
DRAWN	WBE	
CHECKED	SDW	

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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

DWG. NO. 14 OF 22

___ OF ___

DRAFT

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

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cp111.dgn

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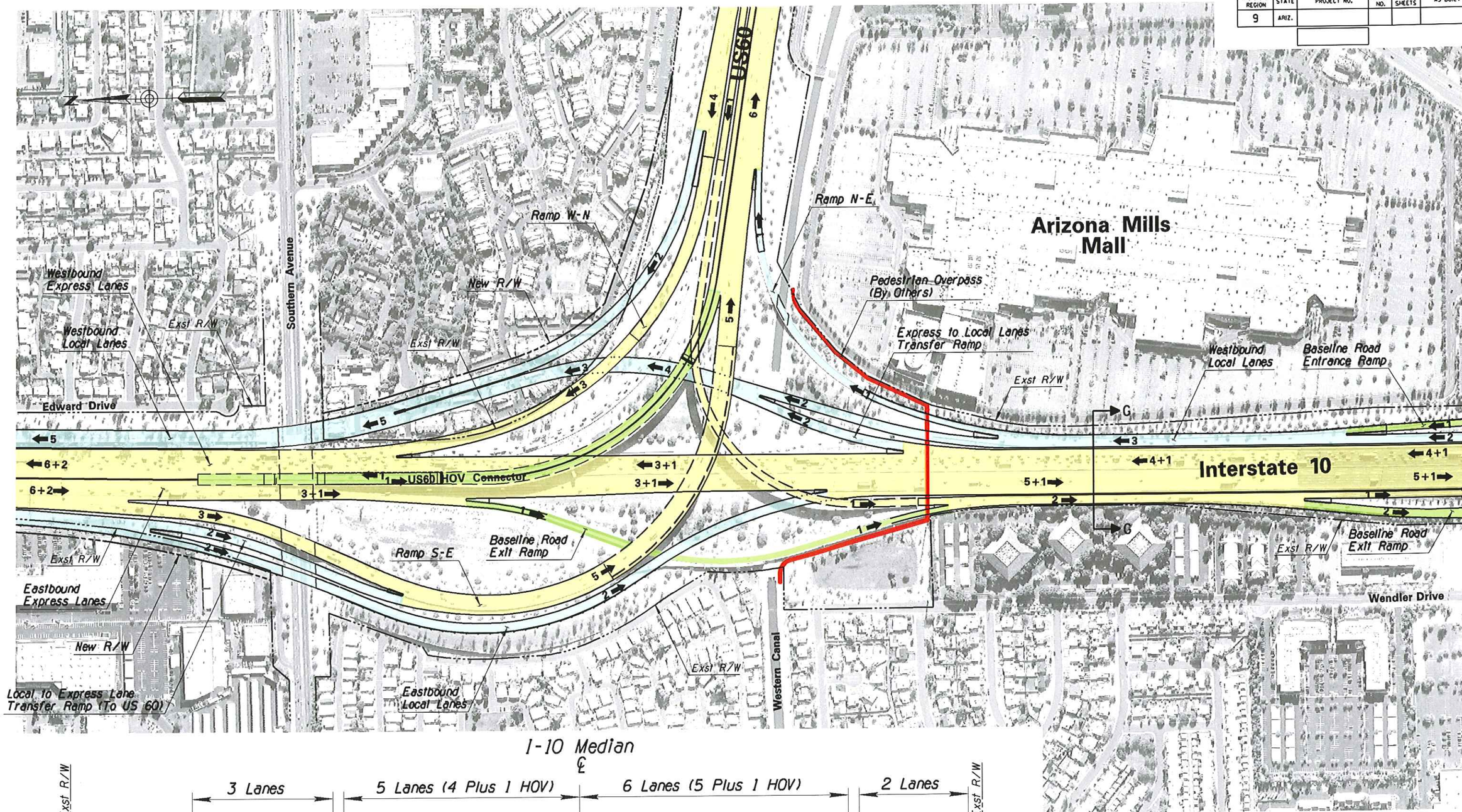

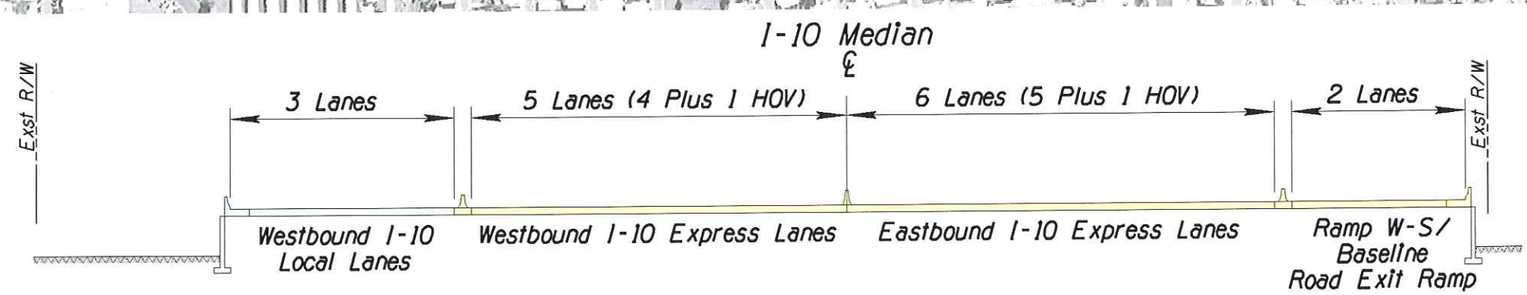

Typical Section G-G

DRAFT

APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

DWG. NO. 15 OF 22
___ OF ___

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

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cp112.dgn

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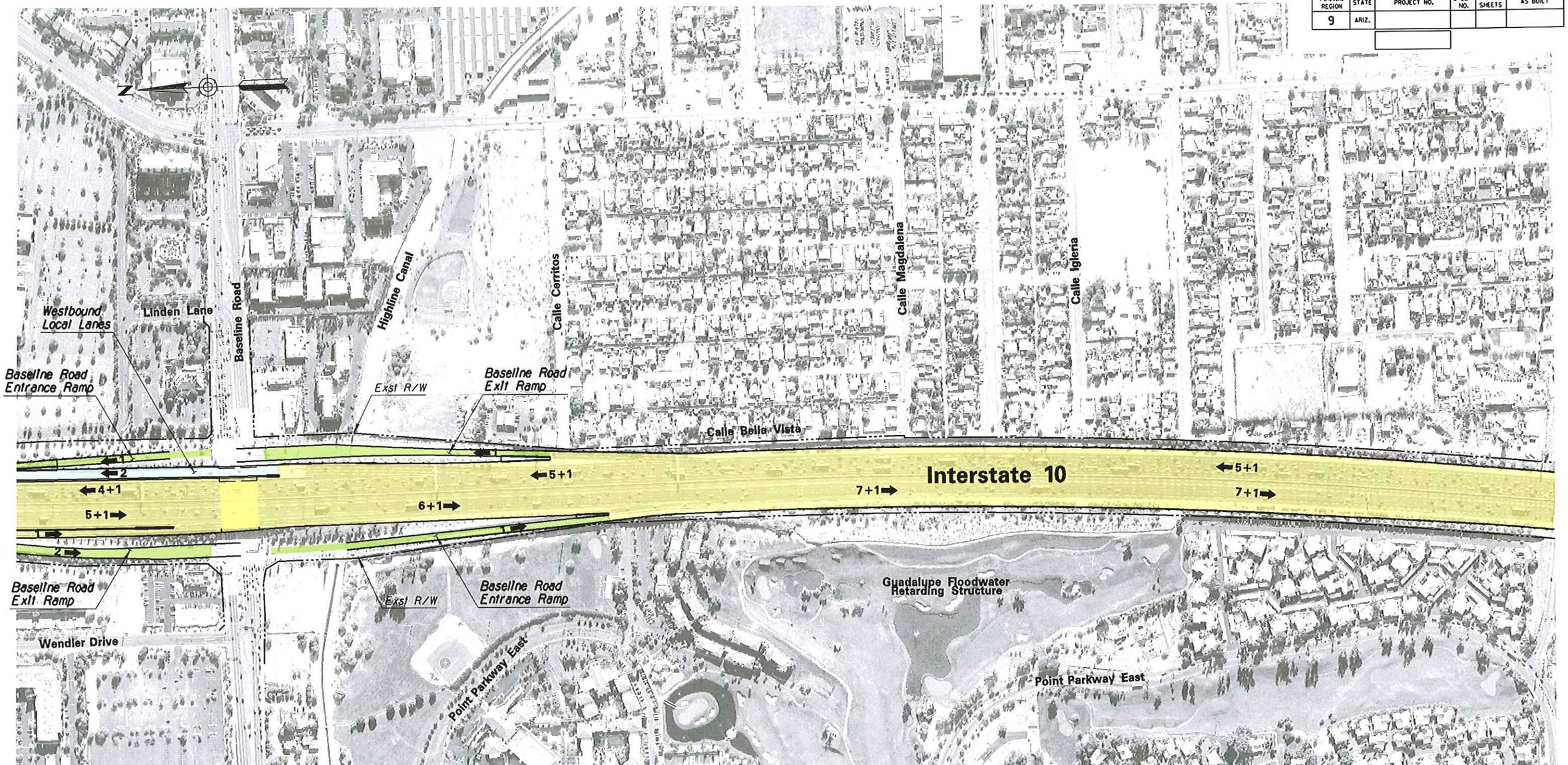
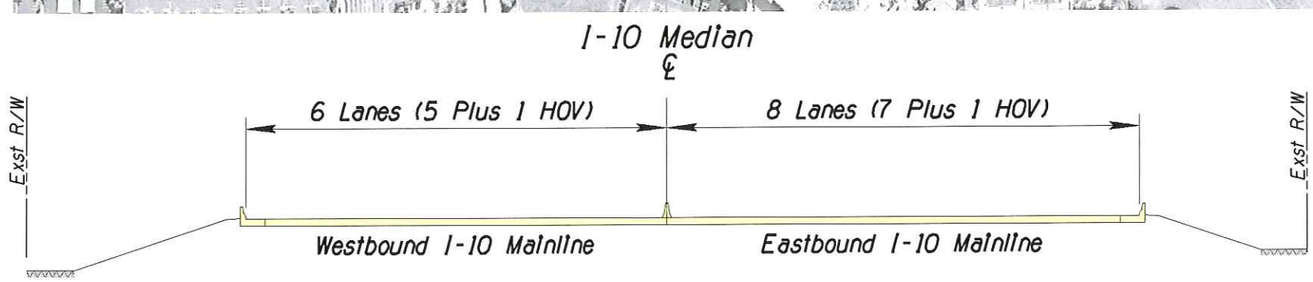




Roadway Section

APPENDIX C

DRAFT

	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

Alternative 2 Plan
On Interstate 10

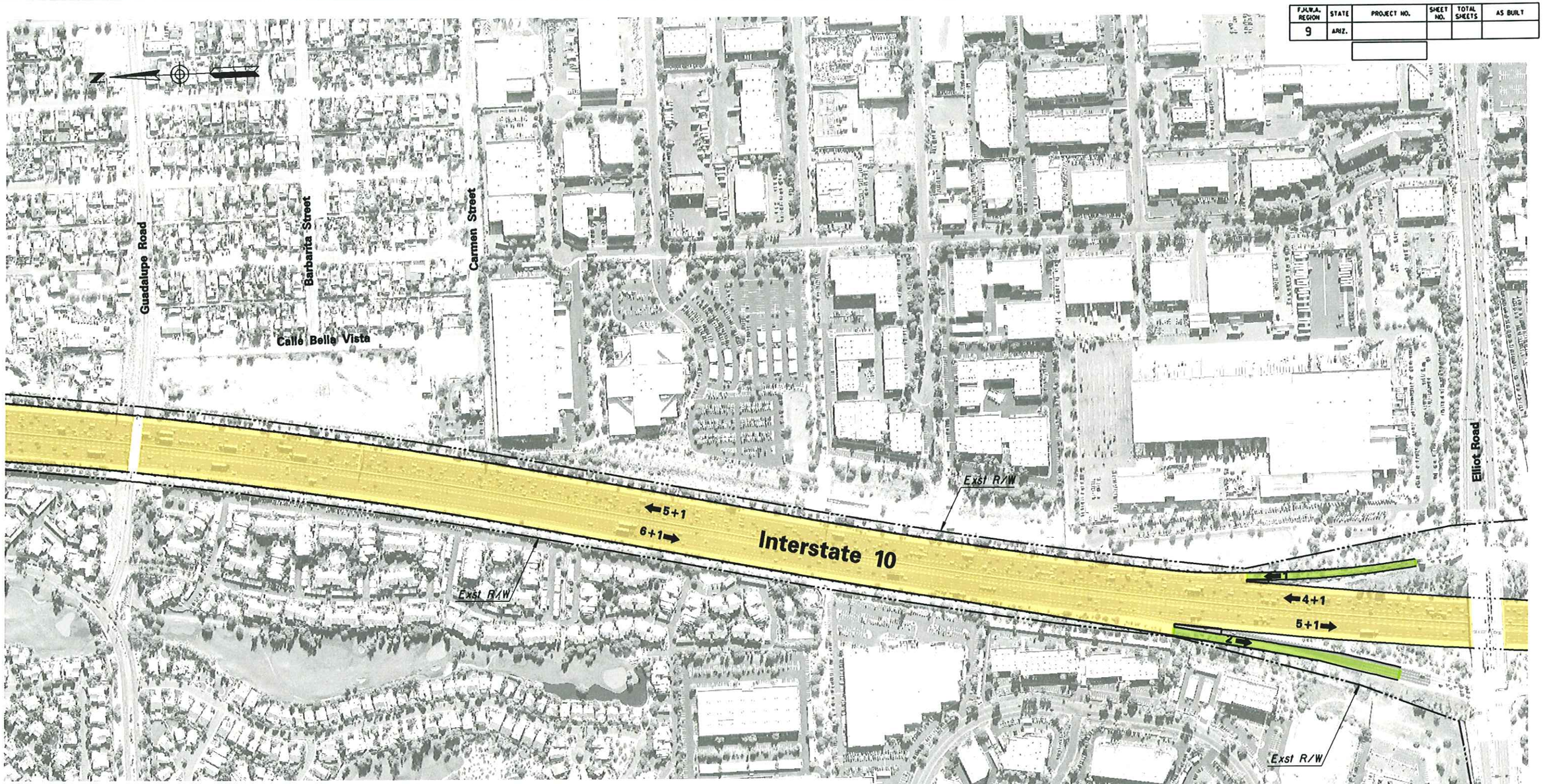
ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study
TRACS NO. H545401L

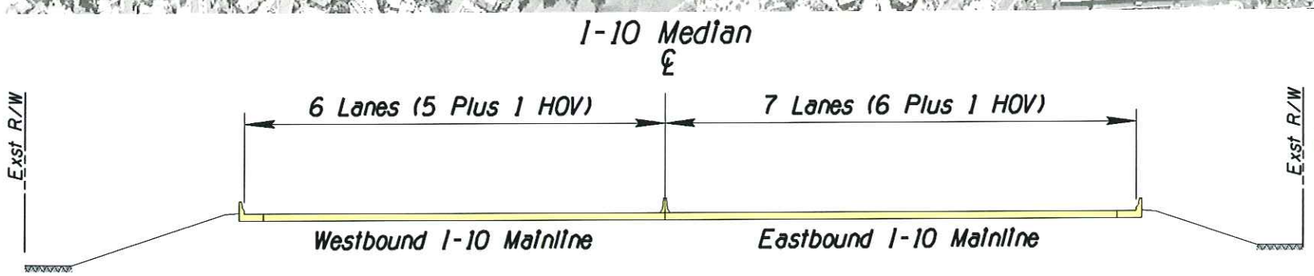
DWG. NO. 16 OF 22
___ OF ___

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

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cp113.dgn

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





Roadway Section

APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

DWG. NO. 17 OF 22
___ OF ___

DRAFT

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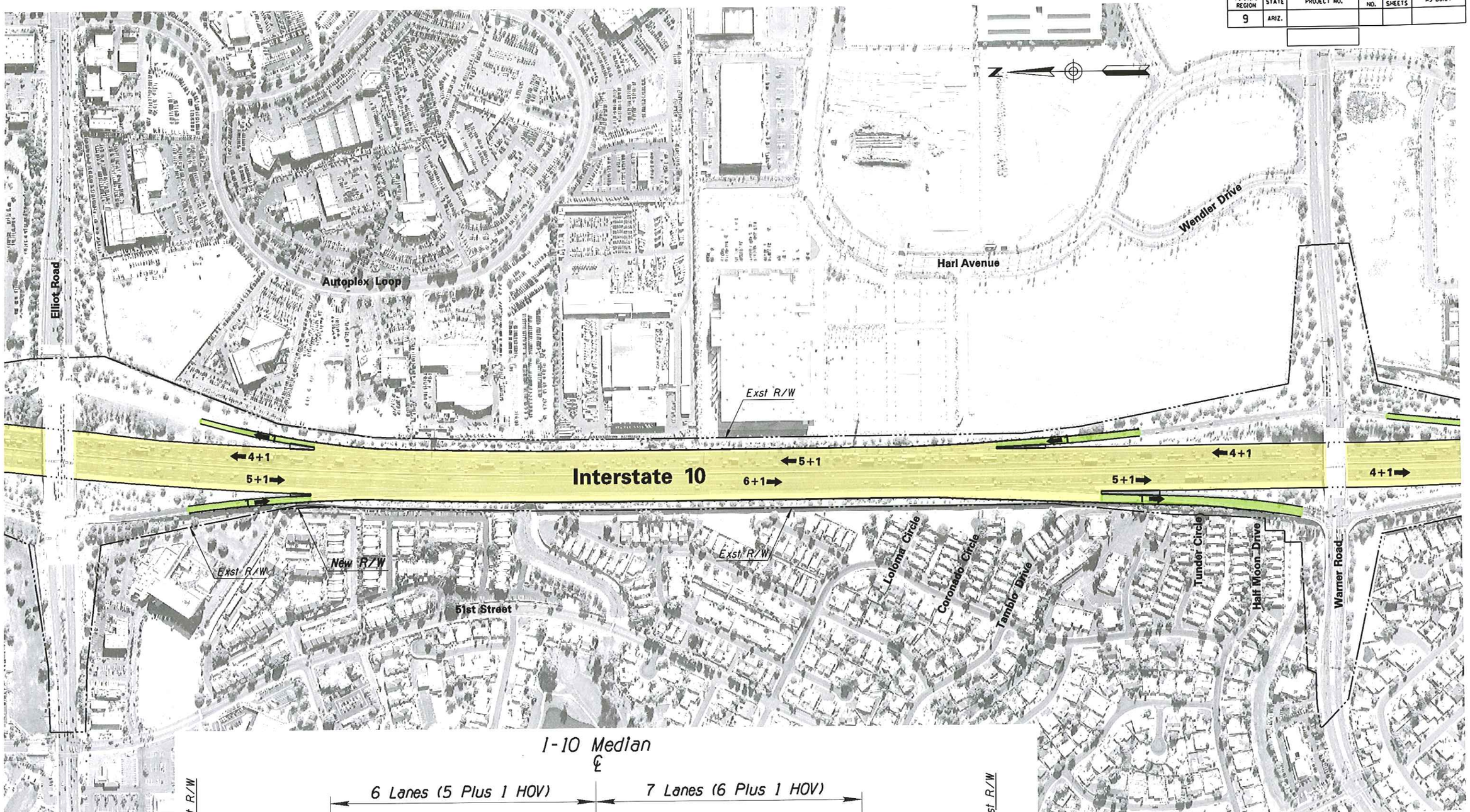
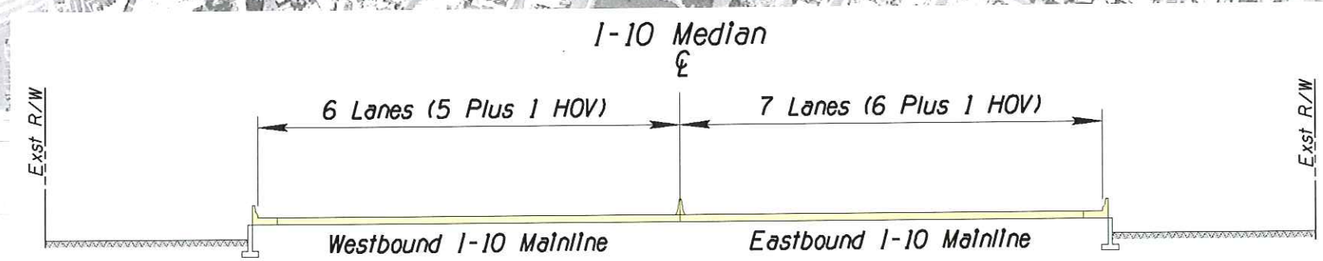
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

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





Roadway Section

APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

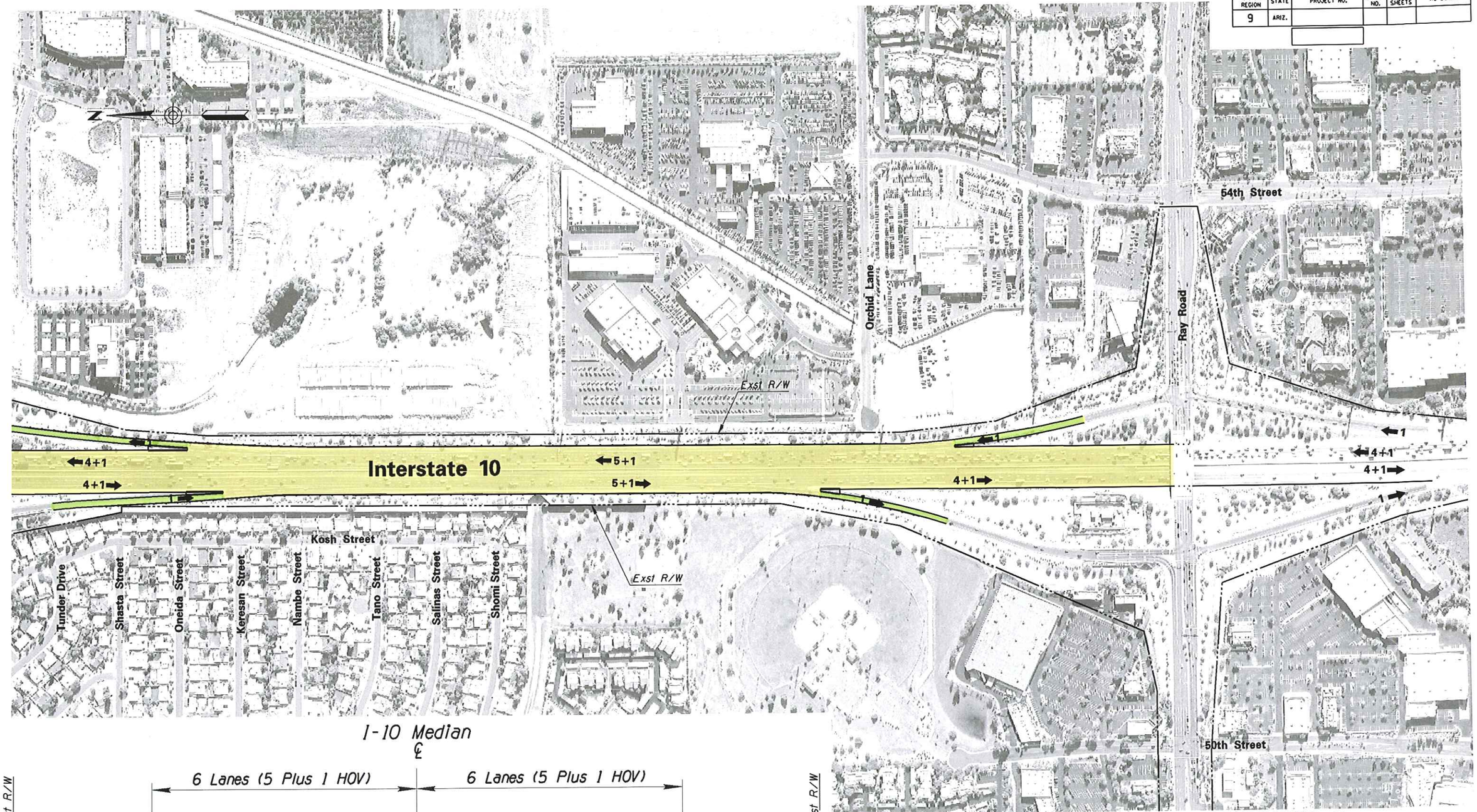
DWG. NO. 18 OF 22
___ OF ___

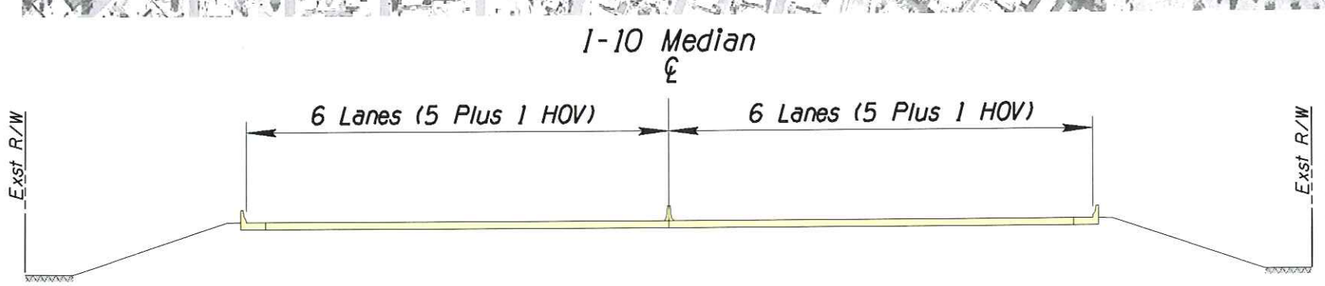
DRAFT

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

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cp115.dgn

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





Roadway Section

APPENDIX C

	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

Alternative 2 Plan
On Interstate 10

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

TRACS NO. H545401L

DWG. NO. 19 OF 22
___ OF ___

DRAFT

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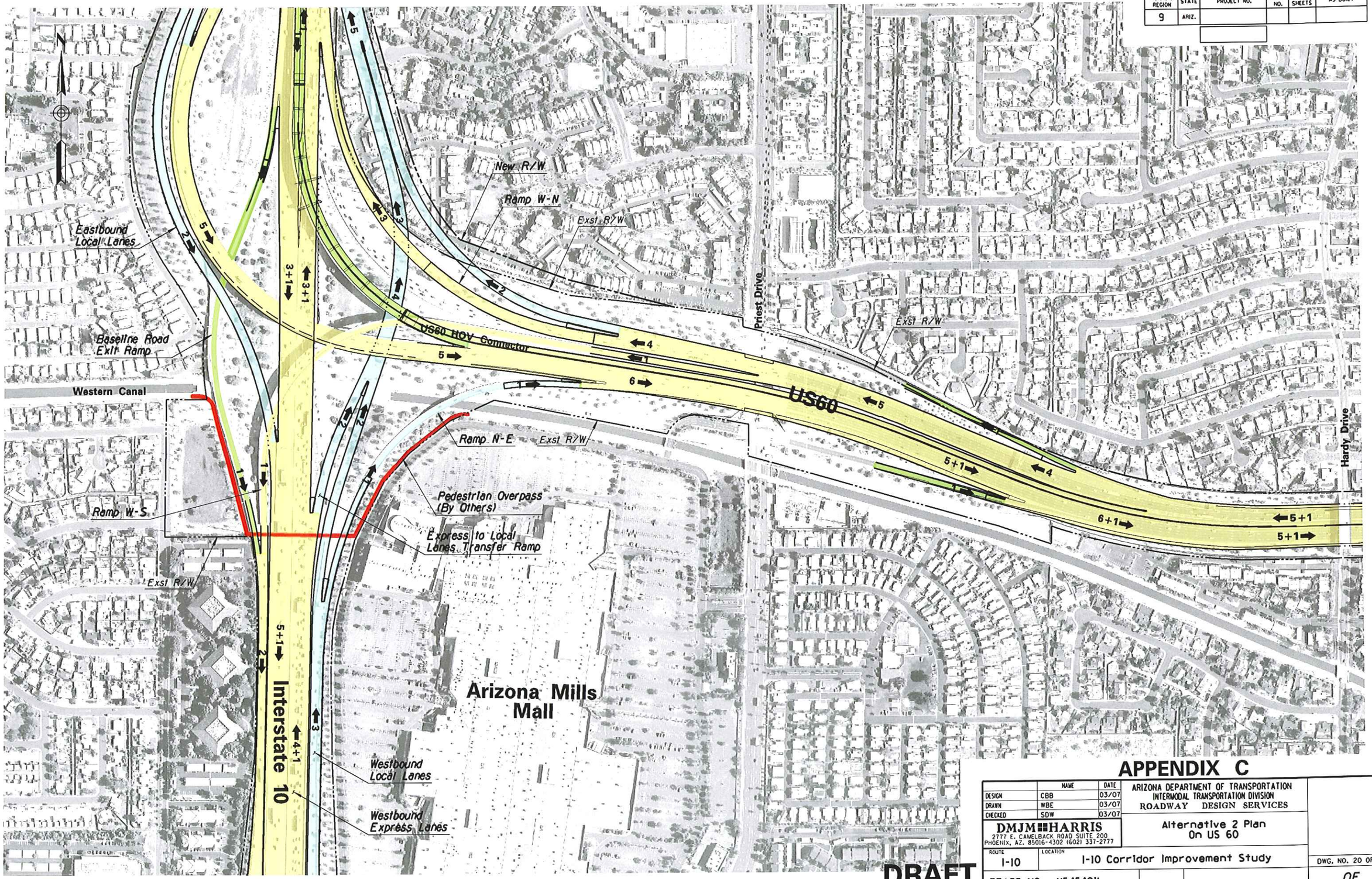
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

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



APPENDIX C

	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

Alternative 2 Plan
On US 60

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

TRACS NO. H545401L

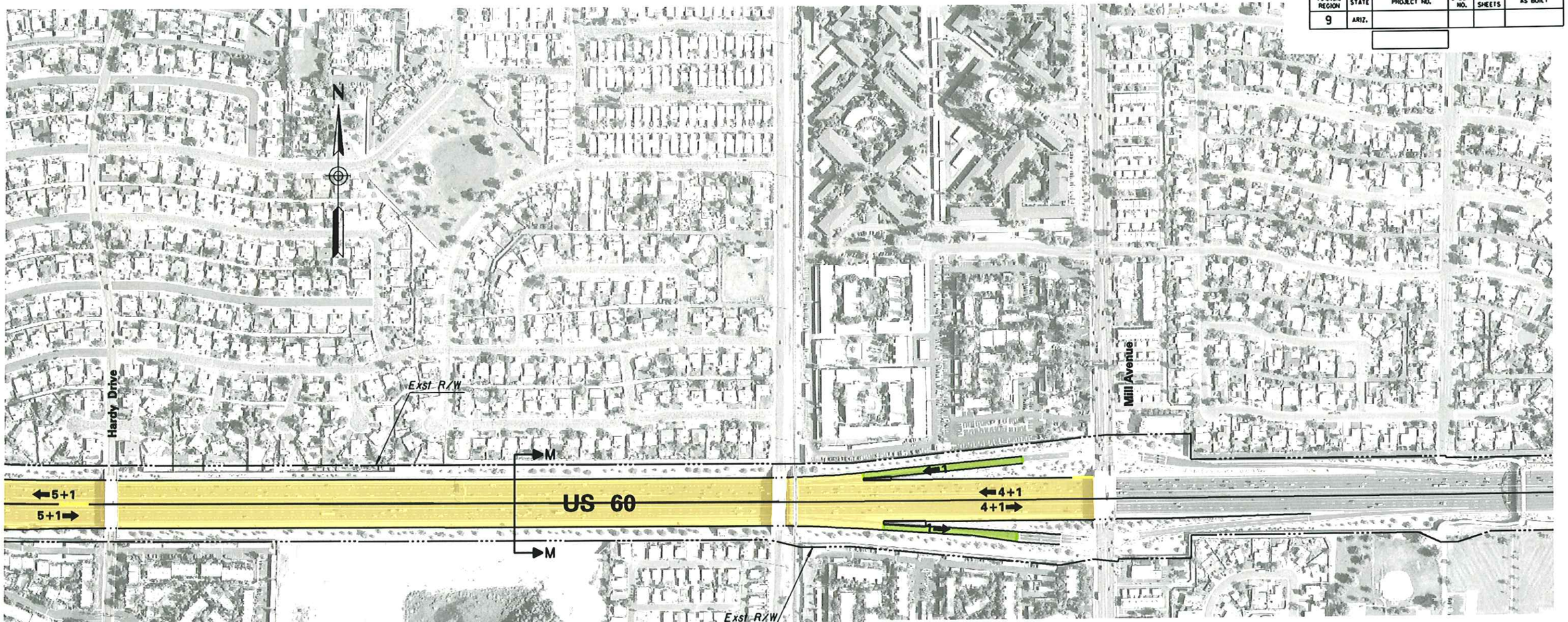
DWG. NO. 20 OF 22

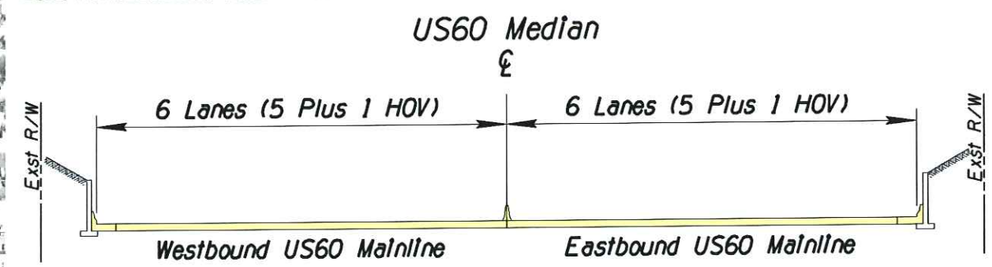
___ OF ___

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

4/9/2007 N:\5445\Prod\ASR\ALT2\5445cp118.dgn

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





Typical Section M-M

APPENDIX C

	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

Alternative 2 Plan
On US 60

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

TRACS NO. H545401L

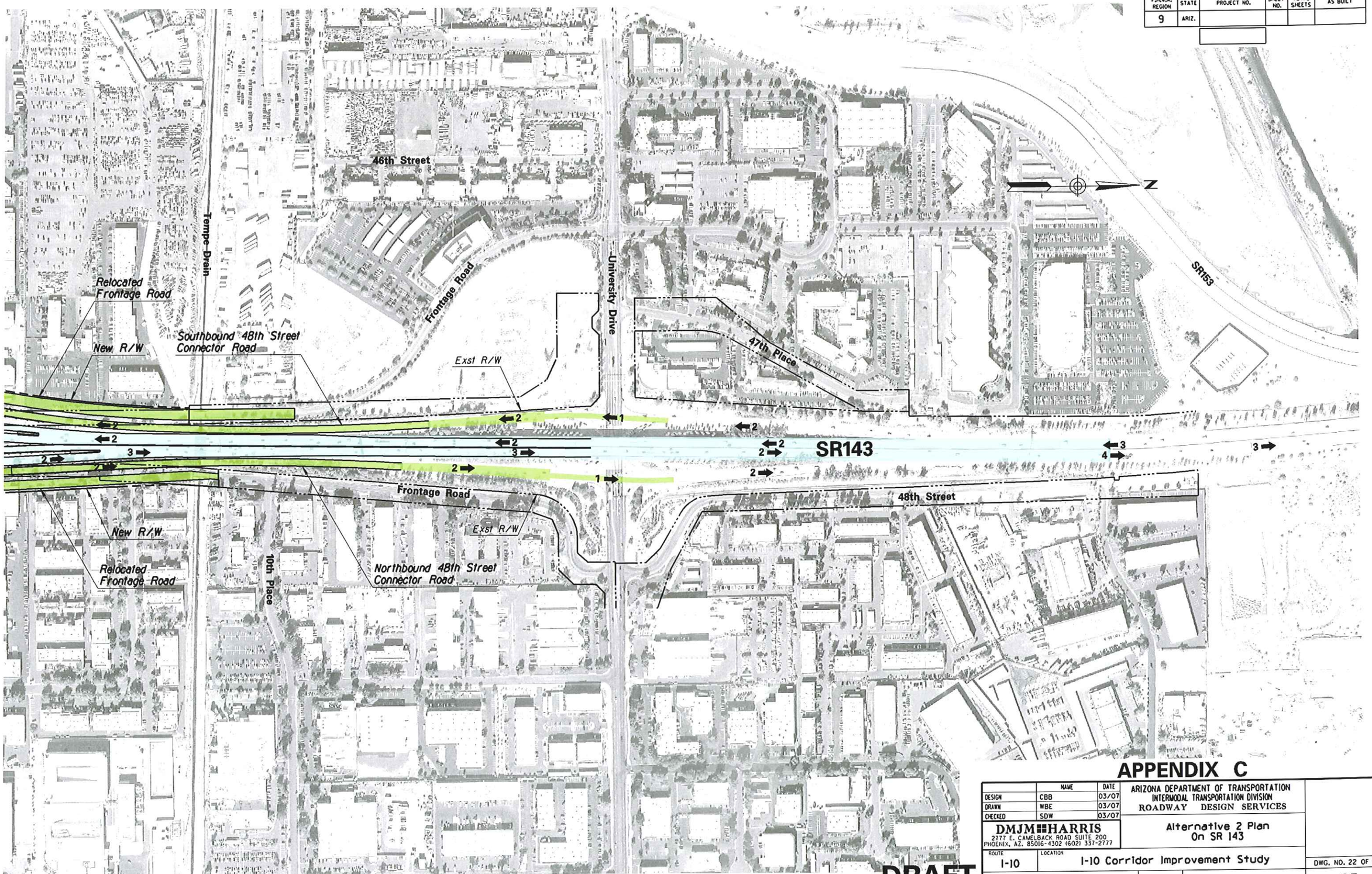
DWG. NO. 21 OF 22
___ OF ___

DRAFT

3/14/2007 N:\5445\Prod\ASR\ALT2\5445cp119.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 C

	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

Alternative 2 Plan
On SR 143

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

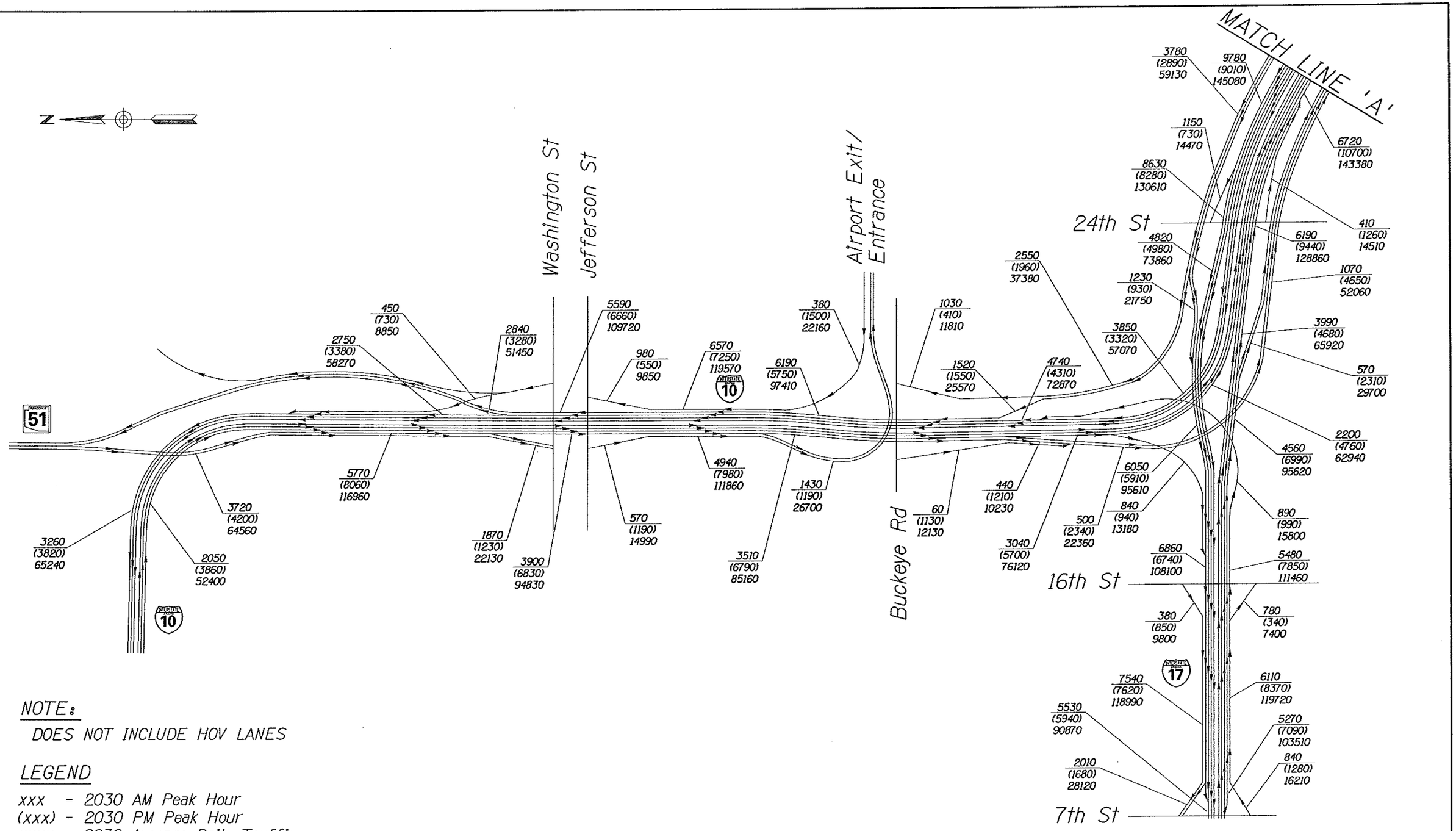
DWG. NO. 22 OF 22

TRACS NO. H545401L

___ OF ___

DRAFT

4/10/2007 N:\5445\Prod\ASR\ALT2\5445cp120.dgn



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 C
ALTERNATIVE 2
2030 TRAFFIC VOLUMES
SHEET 1 OF 5

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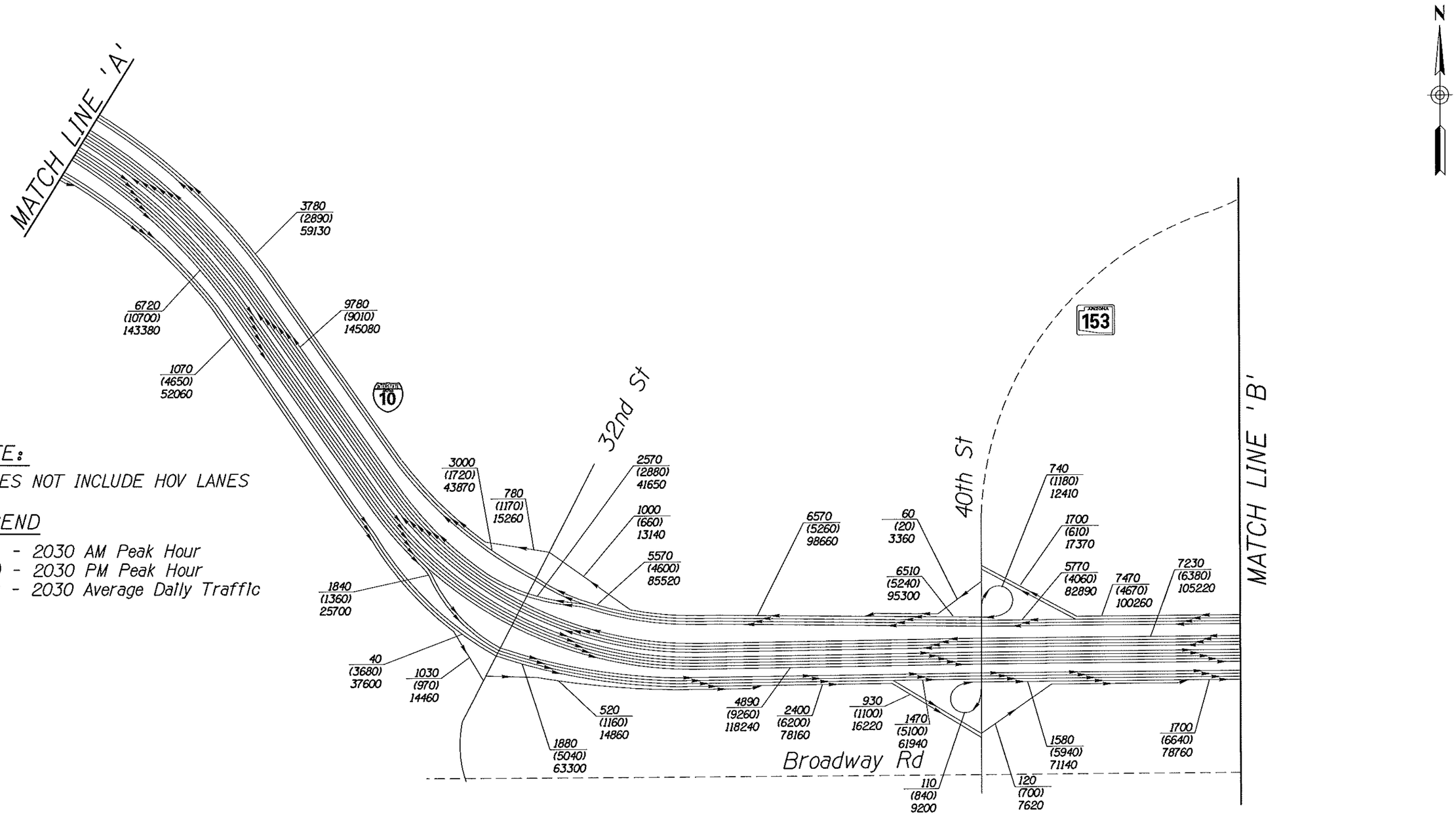
4/6/2007



NOTE:

DOES NOT INCLUDE HOV LANES

LEGEND

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

n:\5445\Design\tra\2030 ASR GRAPHICS\Alt 2\Alt2vol2.dgn

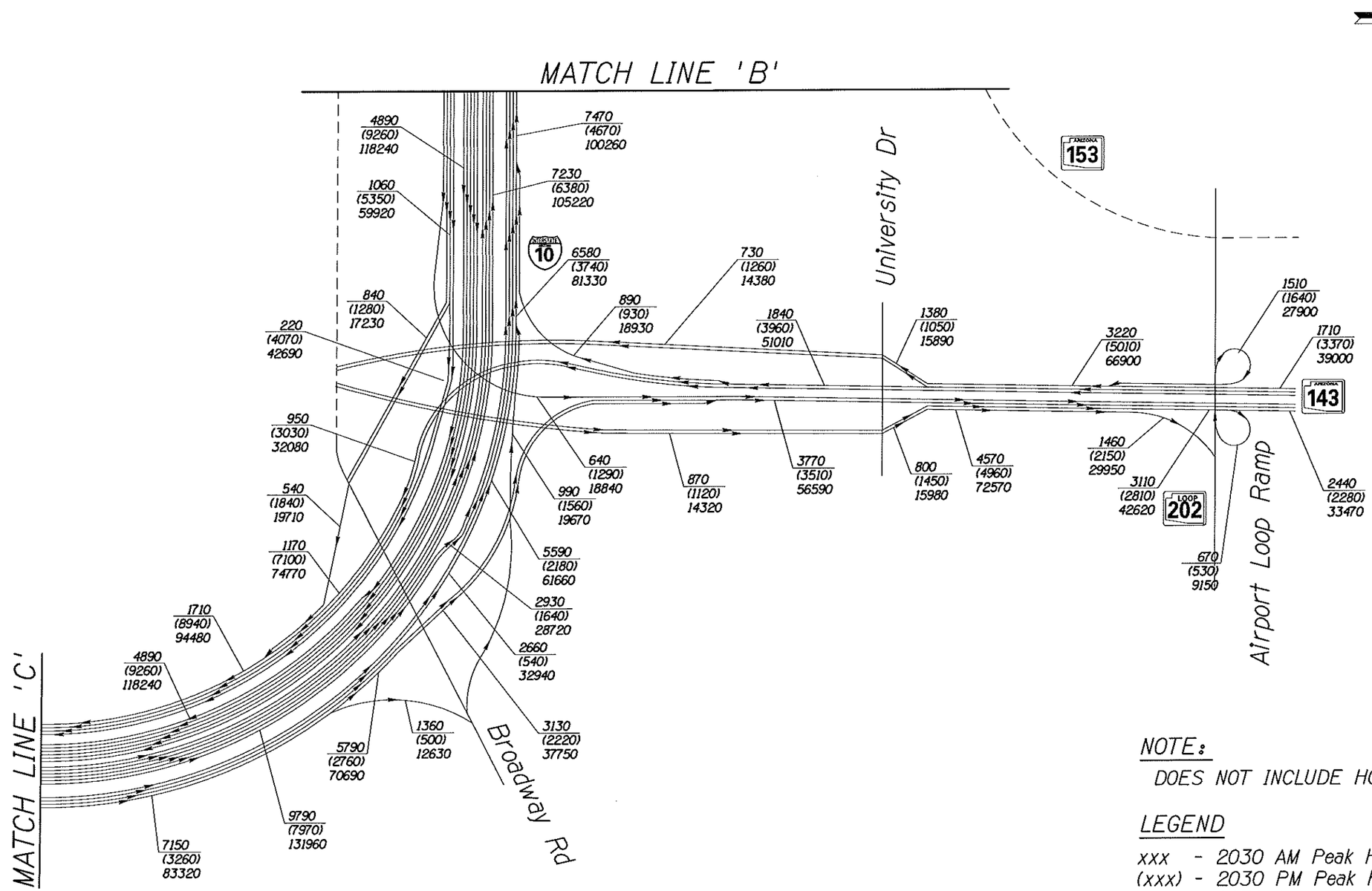
4/4/2007

I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 2
2030 TRAFFIC VOLUMES
SHEET 2 OF 5



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 C
ALTERNATIVE 2
2030 TRAFFIC VOLUMES
SHEET 3 OF 5

n:\5445\Design\tra\2030 ASR GRAPHICS\Alt 2\Alt2vol3.dgn

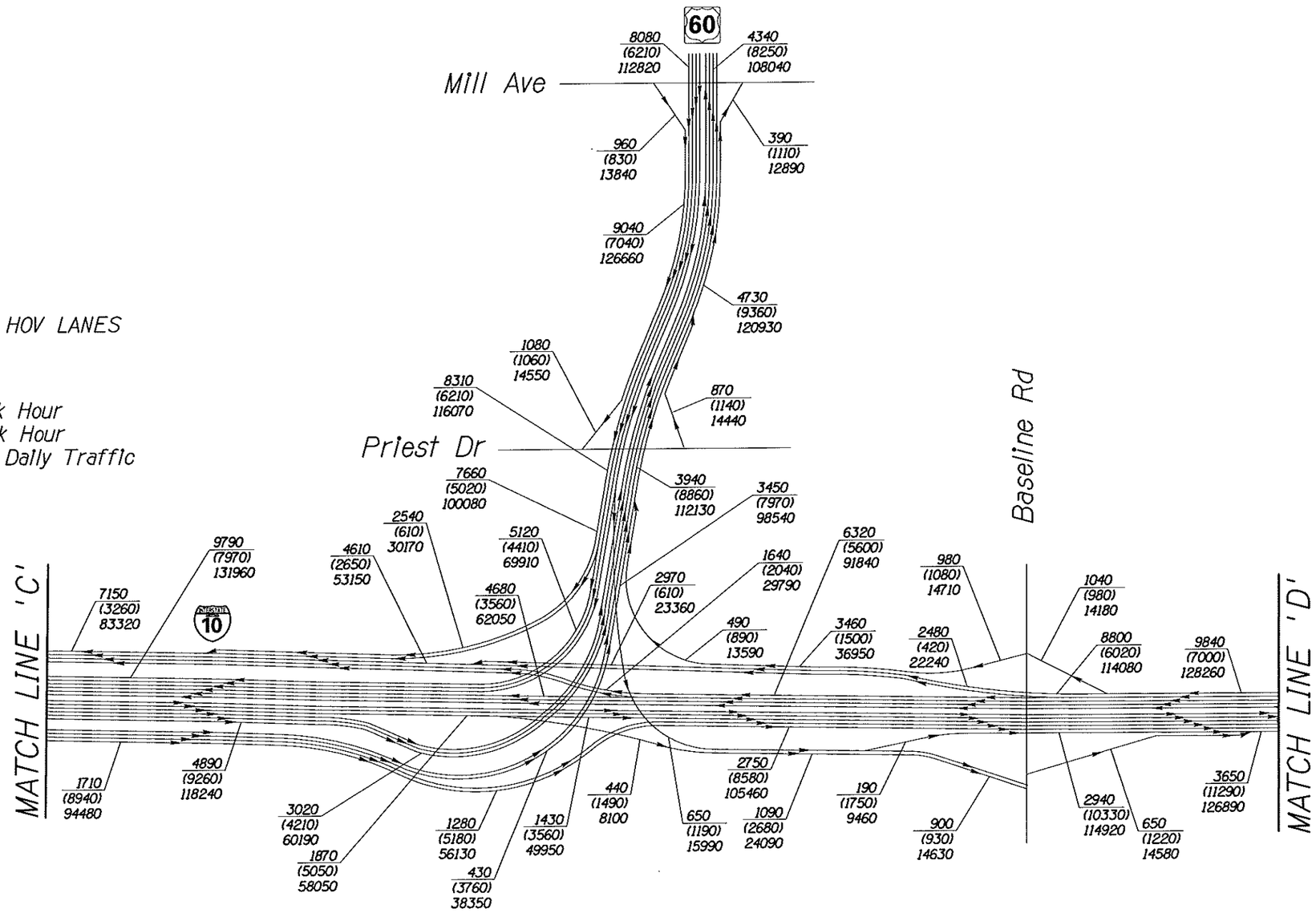
4/4/2007

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 C
ALTERNATIVE 2
2030 TRAFFIC VOLUMES
SHEET 4 OF 5

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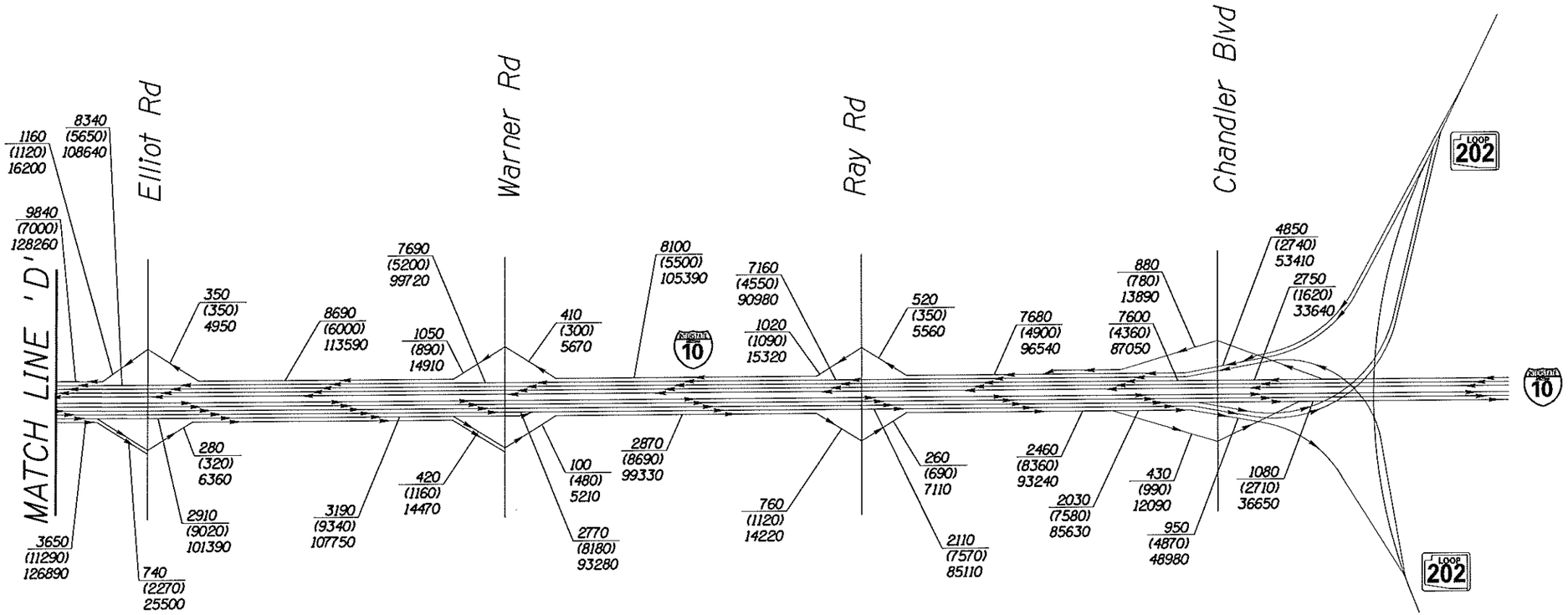
4/4/2007



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 C
ALTERNATIVE 2
2030 TRAFFIC VOLUMES
SHEET 5 OF 5

n:\5445\Design\tra\2030 ASR GRAPHICS\Alt 2\Alt2vol5.dgn

4/4/2007

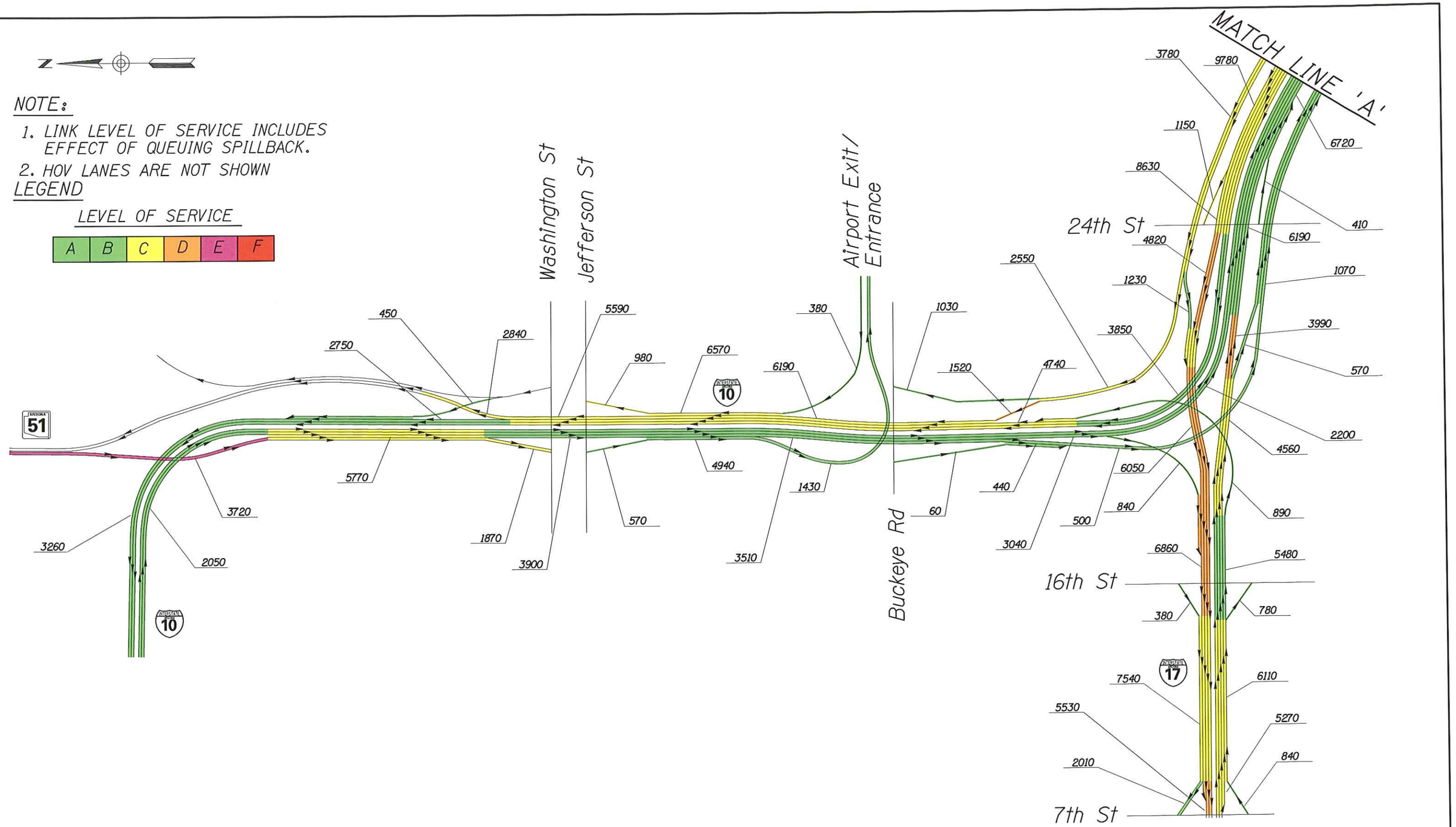
NOTE:

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

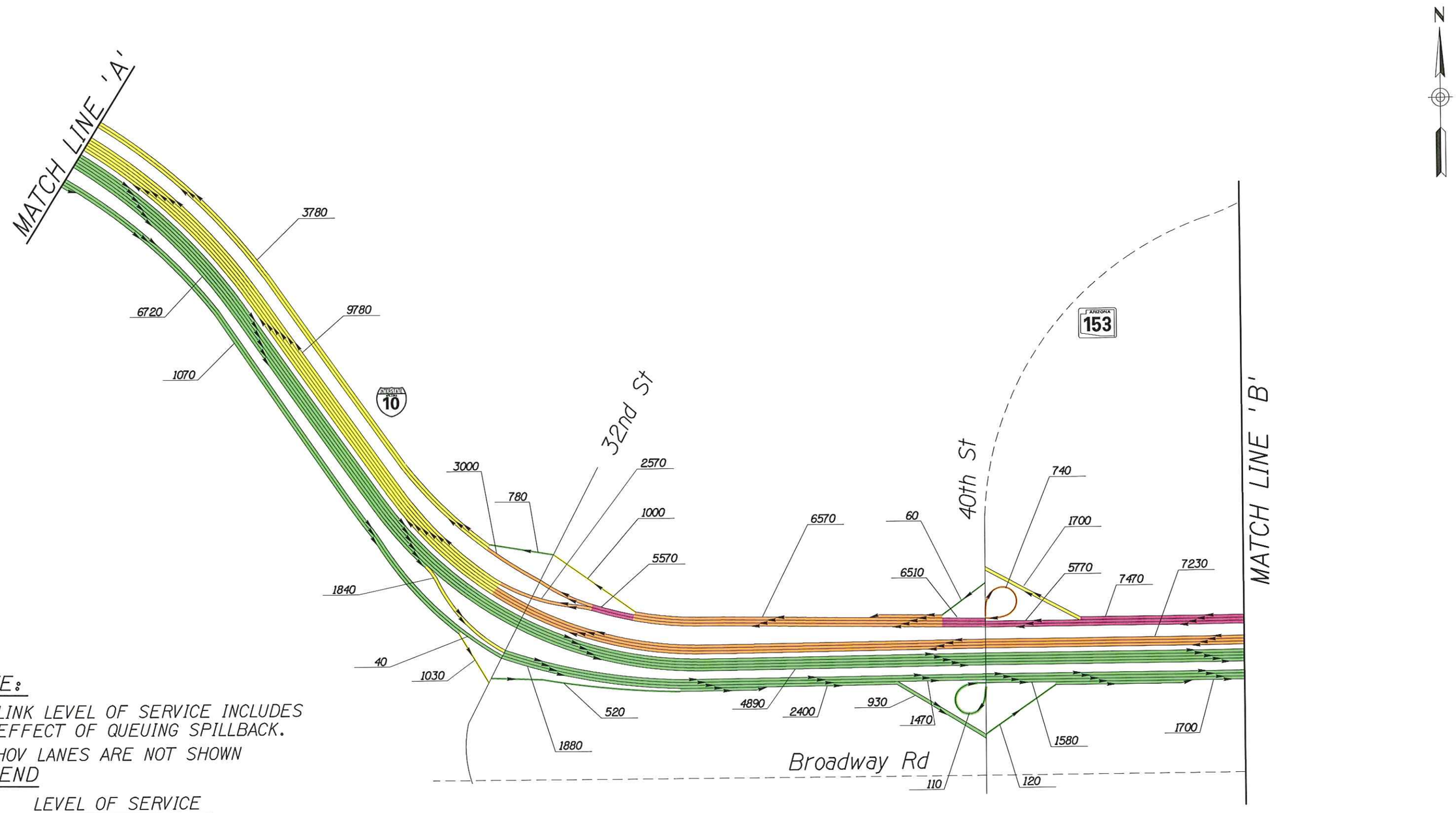
DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 2
2030 AM LEVEL OF SERVICE
SHEET 1 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\coloralt2ami.dgn

4/6/2007



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 C
ALTERNATIVE 2
2030 AM LEVEL OF SERVICE
SHEET 2 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\coloralt2am2.dgn

4/6/2007

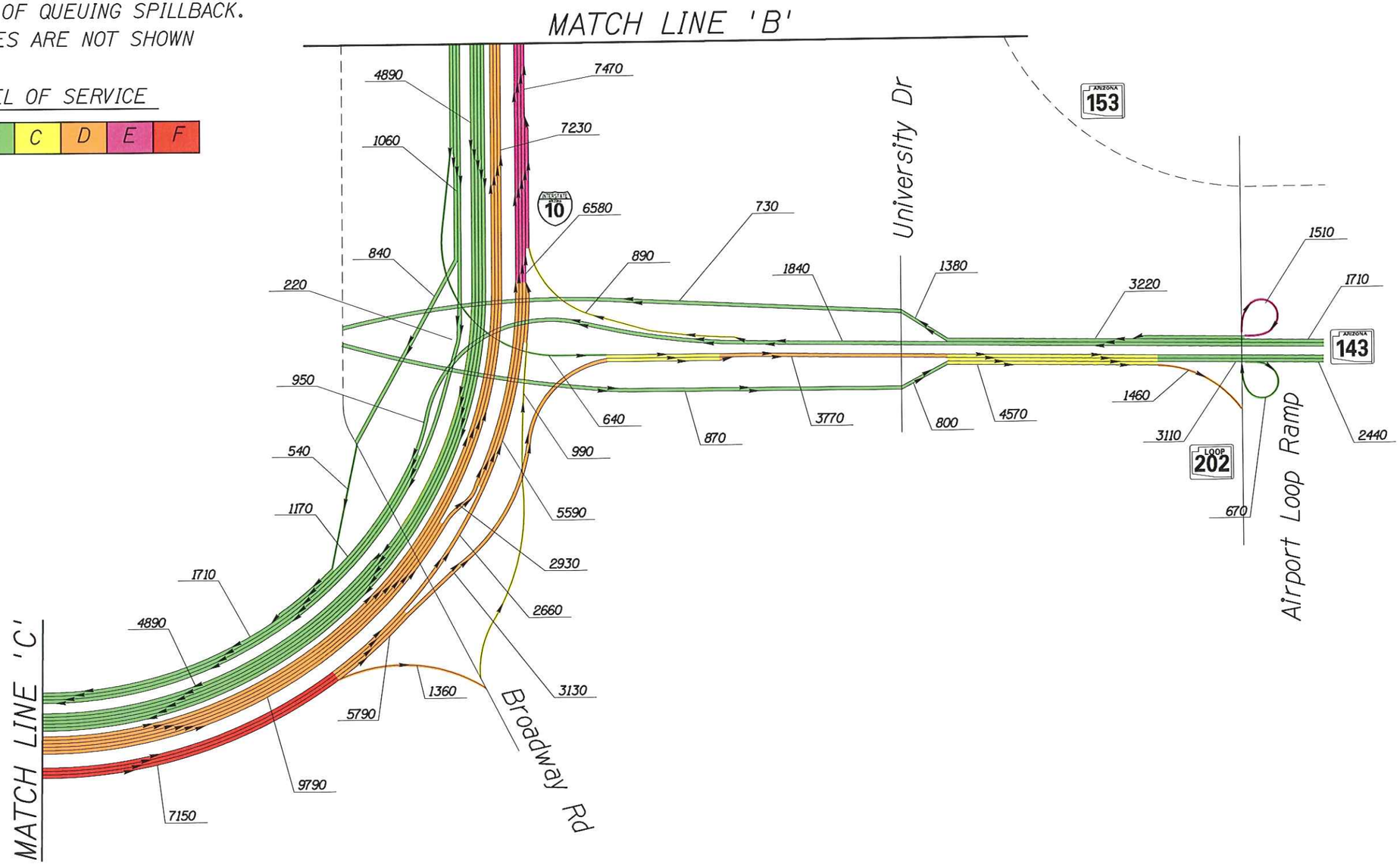
NOTE:

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 C
ALTERNATIVE 2
2030 AM LEVEL OF SERVICE
SHEET 3 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\color-alt2am3.dgn

4/6/2007

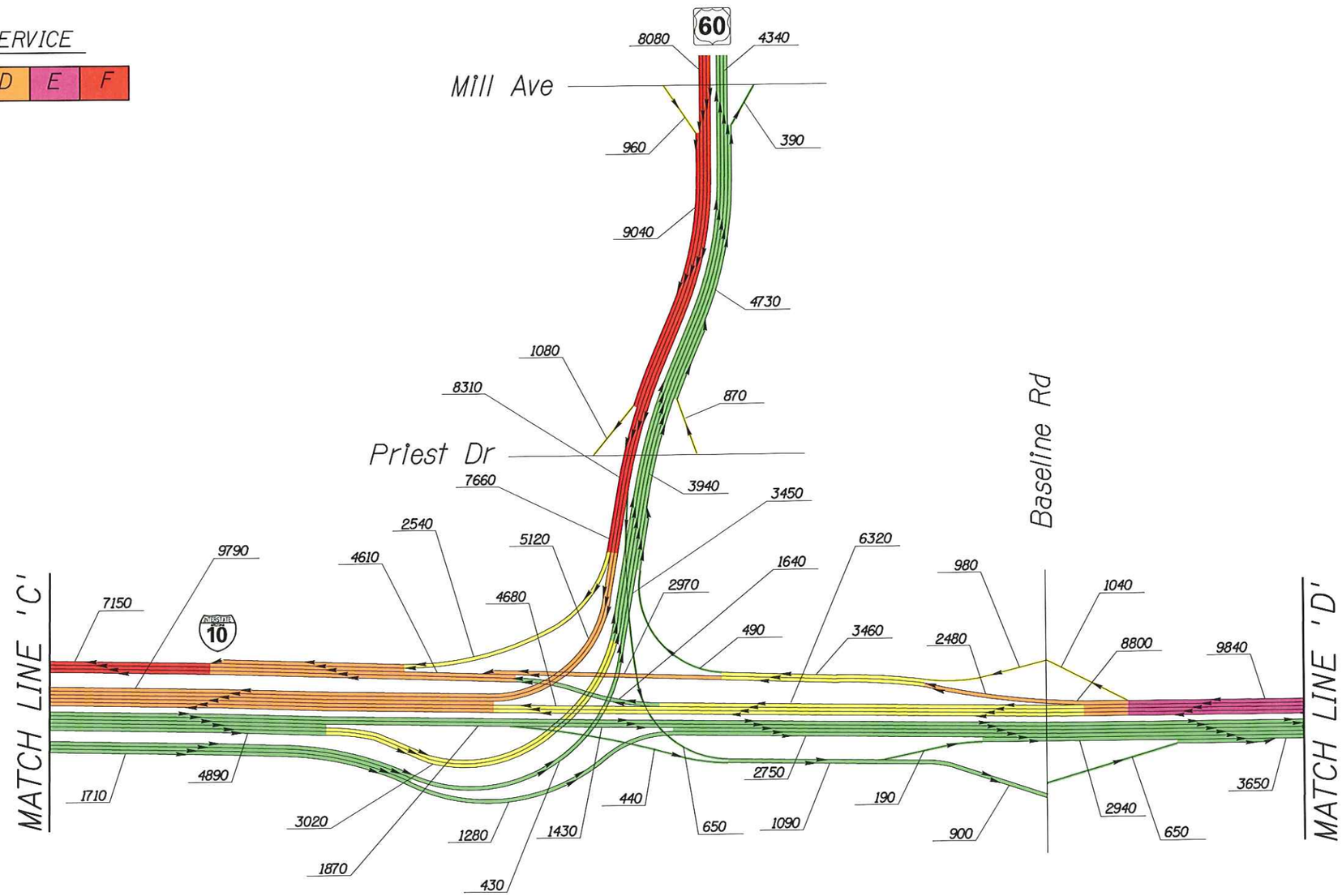
NOTE:

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 C
ALTERNATIVE 2
2030 AM LEVEL OF SERVICE
SHEET 4 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\coloralt2am4.dgn

4/6/2007

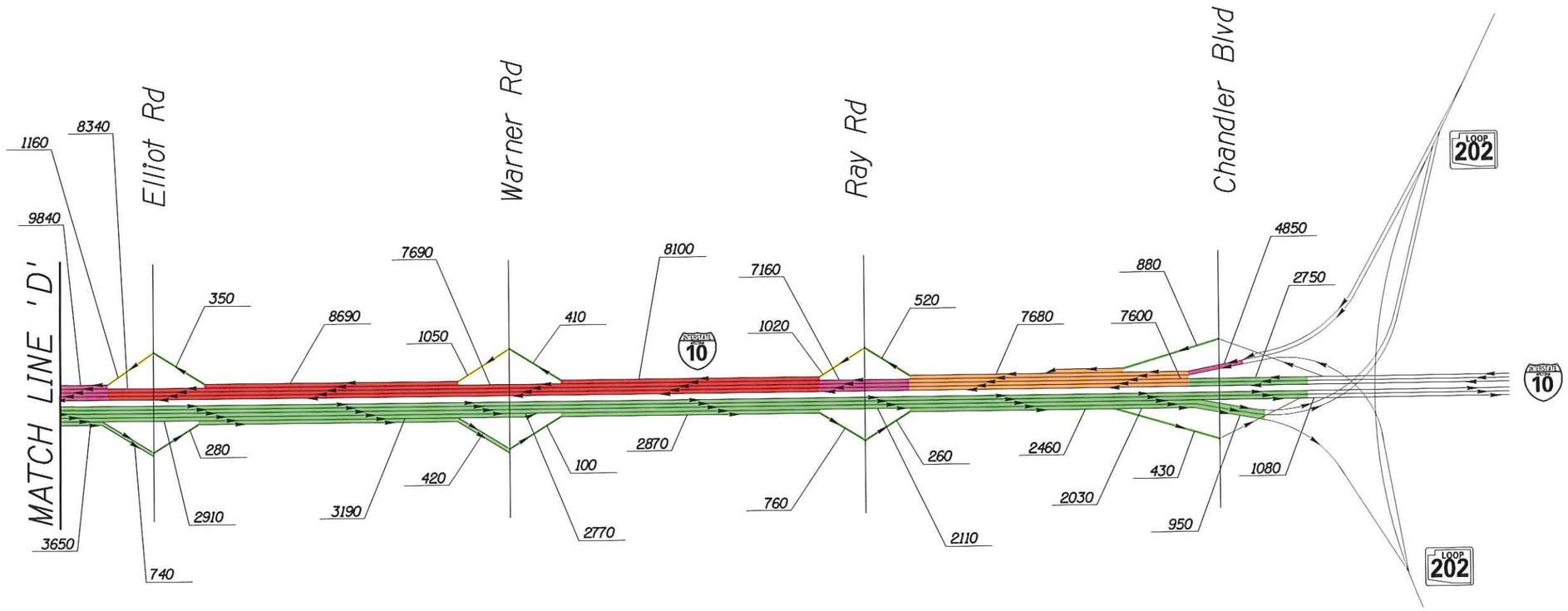
NOTE:

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 C
ALTERNATIVE 2
2030 AM LEVEL OF SERVICE
SHEET 5 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\colorall2am5.dgn

4/6/2007

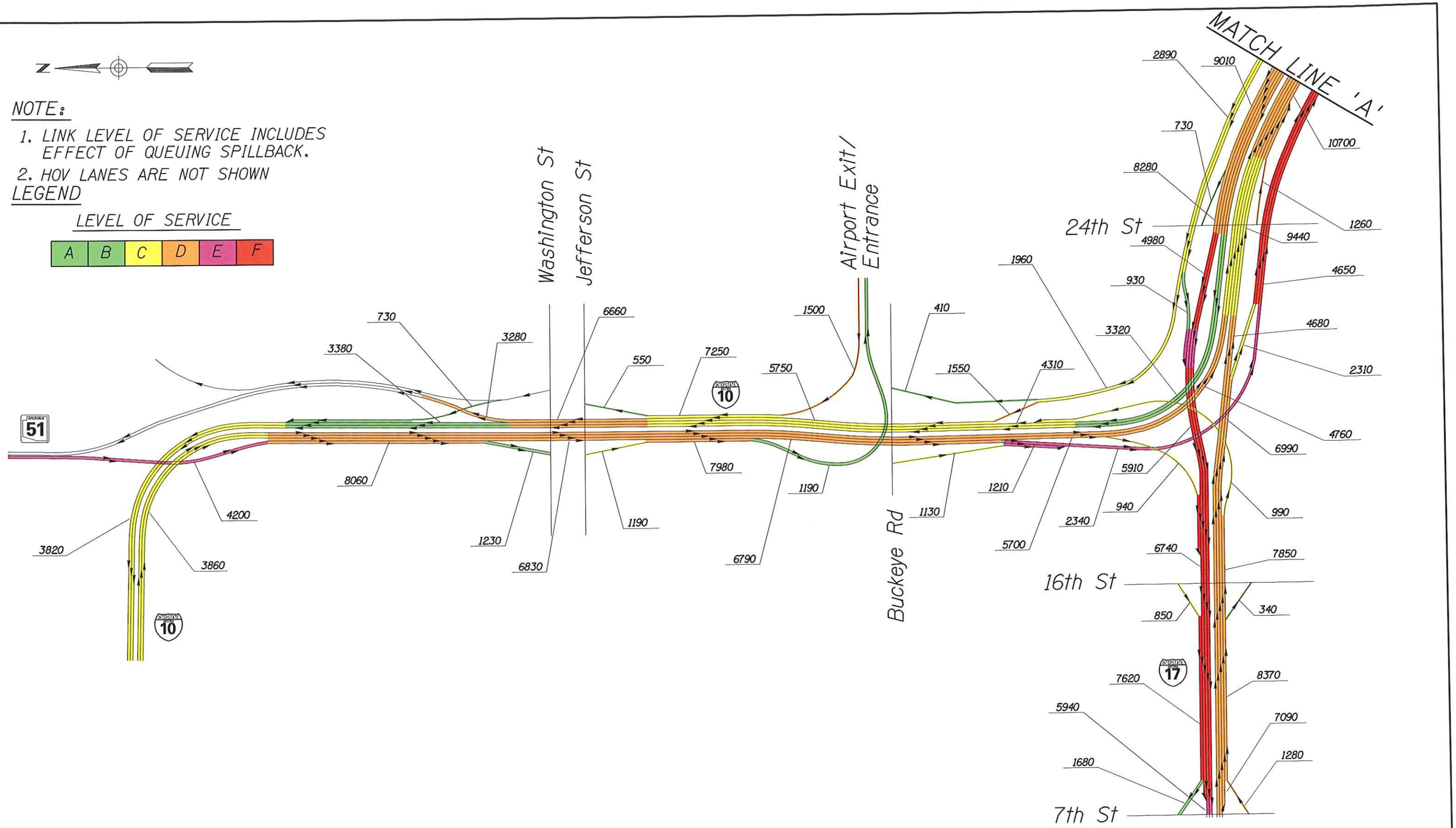
NOTE:

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

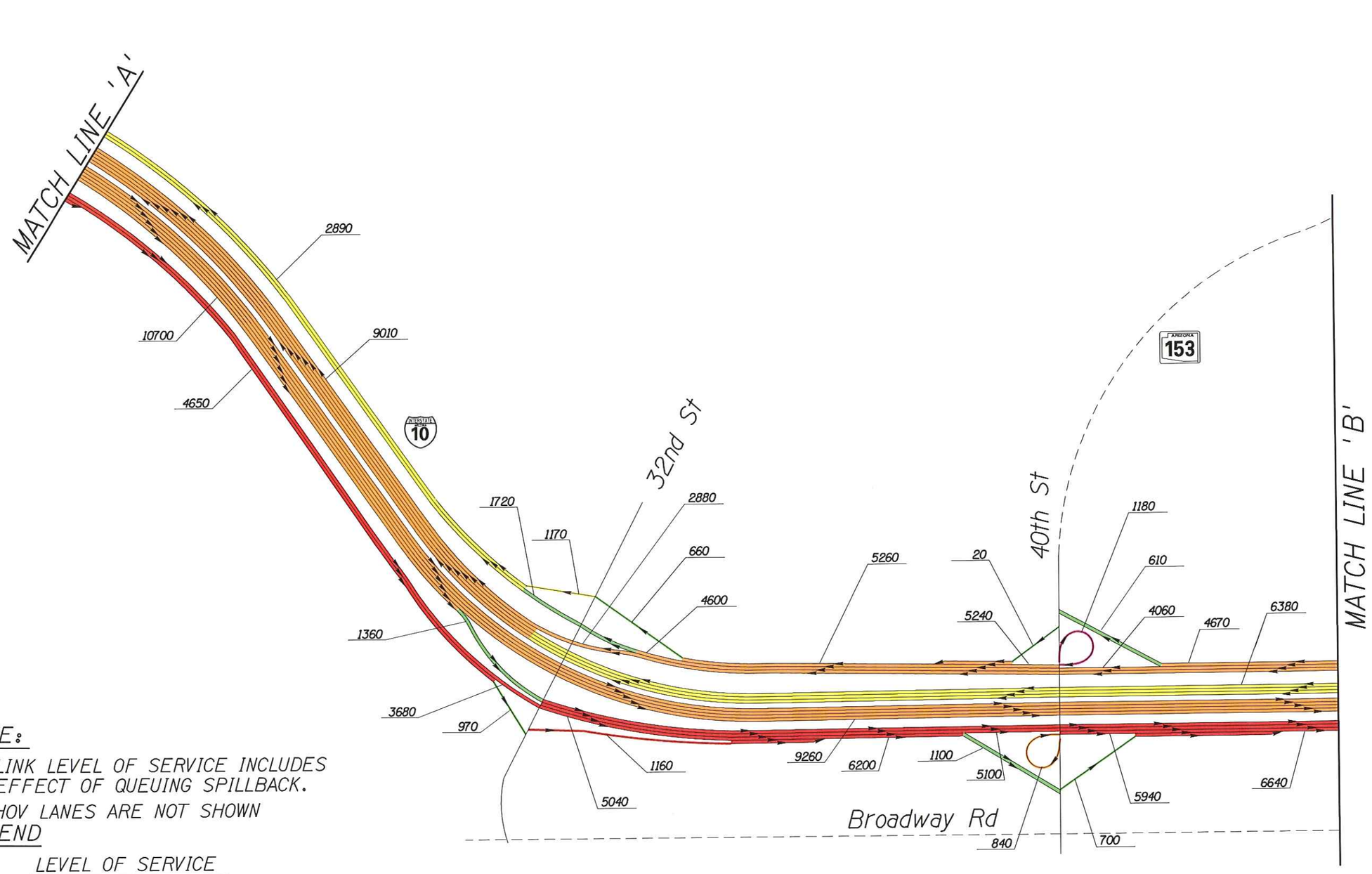
DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 2
2030 PM LEVEL OF SERVICE
SHEET 1 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\coloralt2pml.dgn

4/6/2007



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 C
ALTERNATIVE 2
2030 PM LEVEL OF SERVICE
SHEET 2 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\color-alt2pm2.dgn

4/6/2007

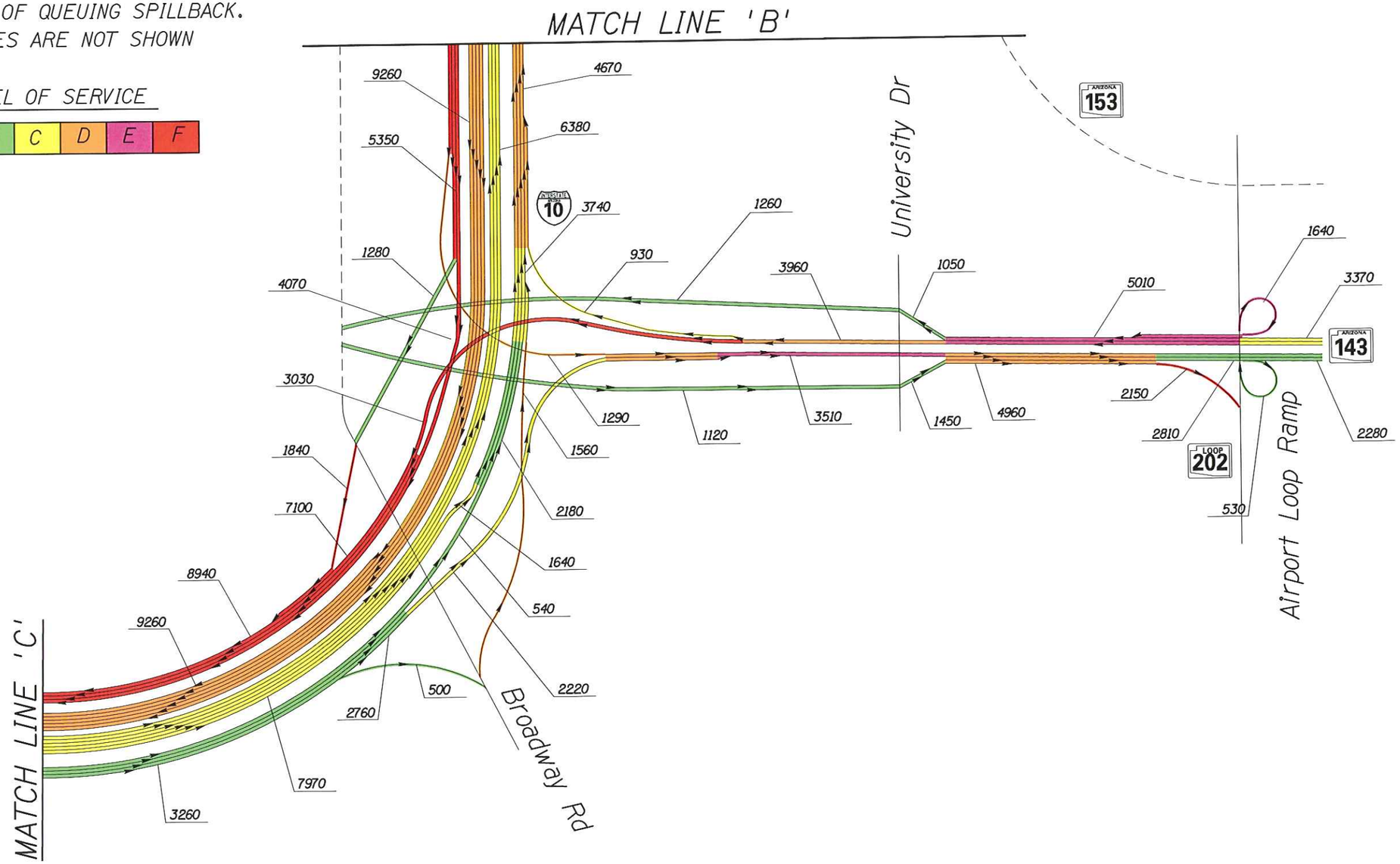
NOTE:

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 C
ALTERNATIVE 2
2030 PM LEVEL OF SERVICE
SHEET 3 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\coloralt2pm3.dgn

4/6/2007

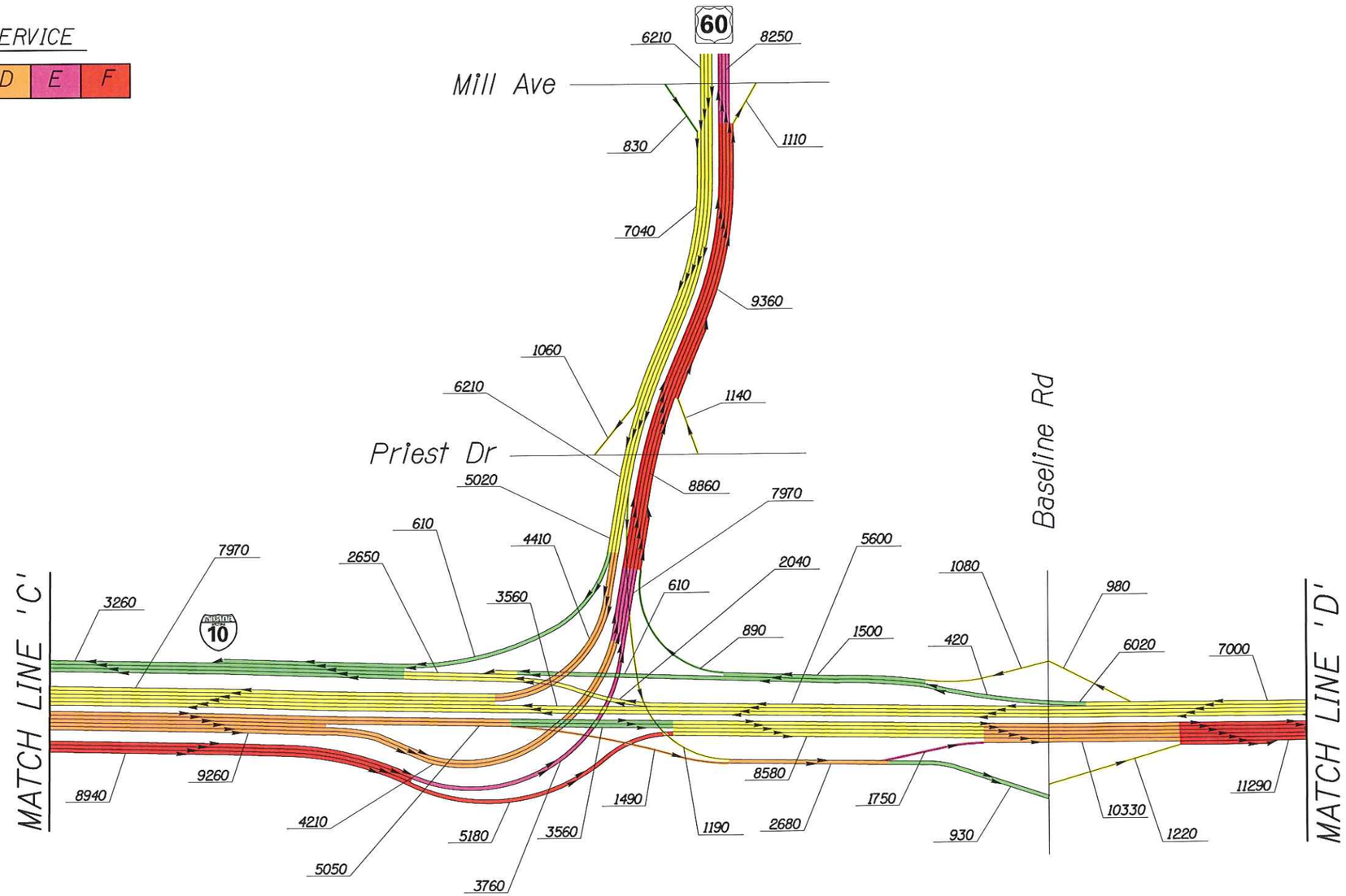
NOTE:

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 C
ALTERNATIVE 2
2030 PM LEVEL OF SERVICE
SHEET 4 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\colorait2pm4.dgn

4/6/2007

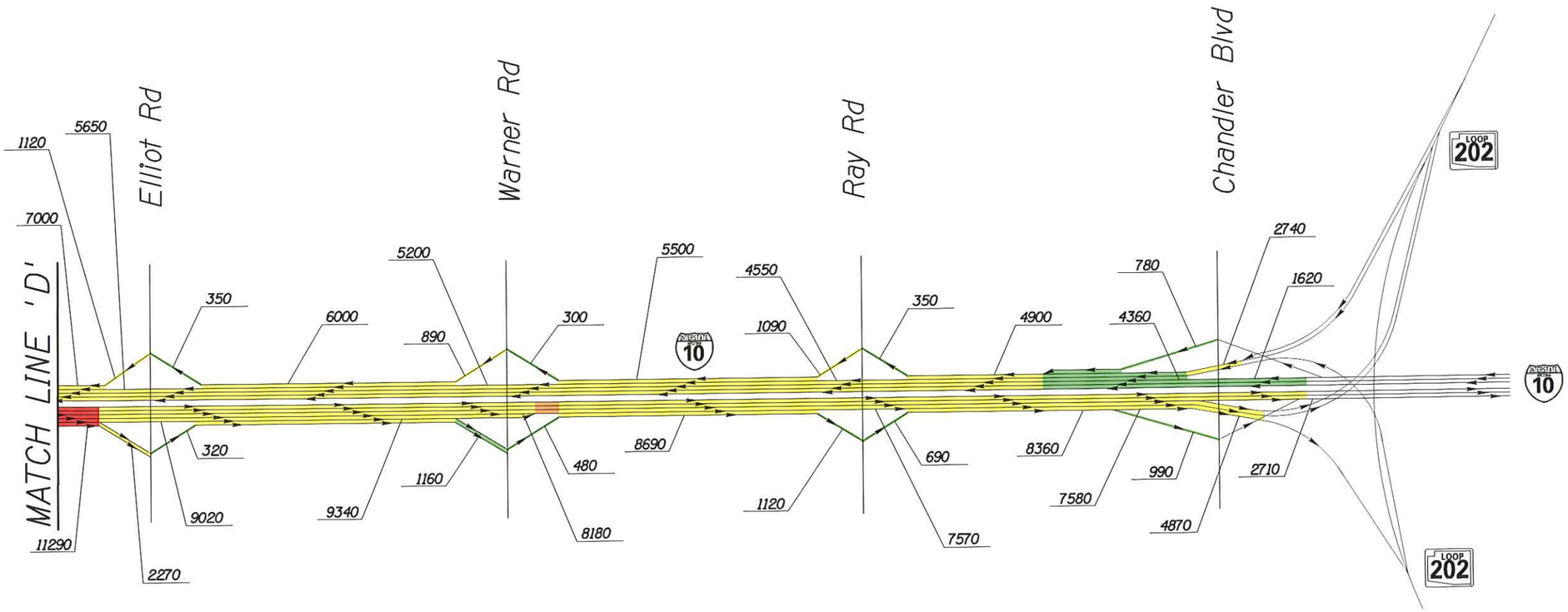
NOTE:

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

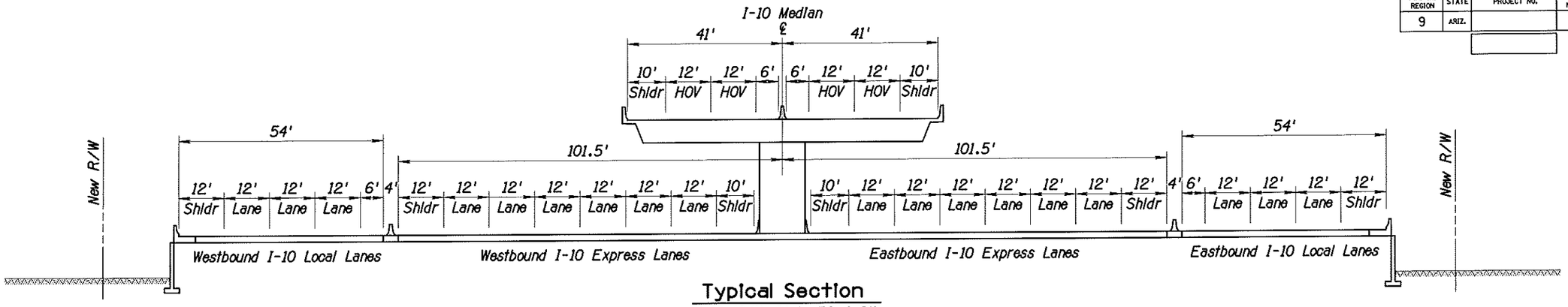
NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 2
2030 PM LEVEL OF SERVICE
SHEET 5 OF 5

n:\5445\design\tra\2030 asr graphics\alt 2\coloralt2pm5.dgn

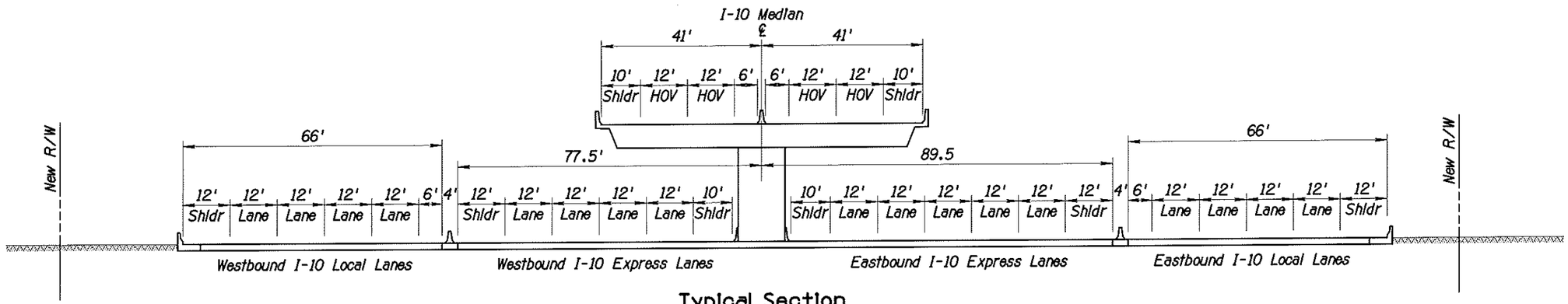
4/6/2007

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



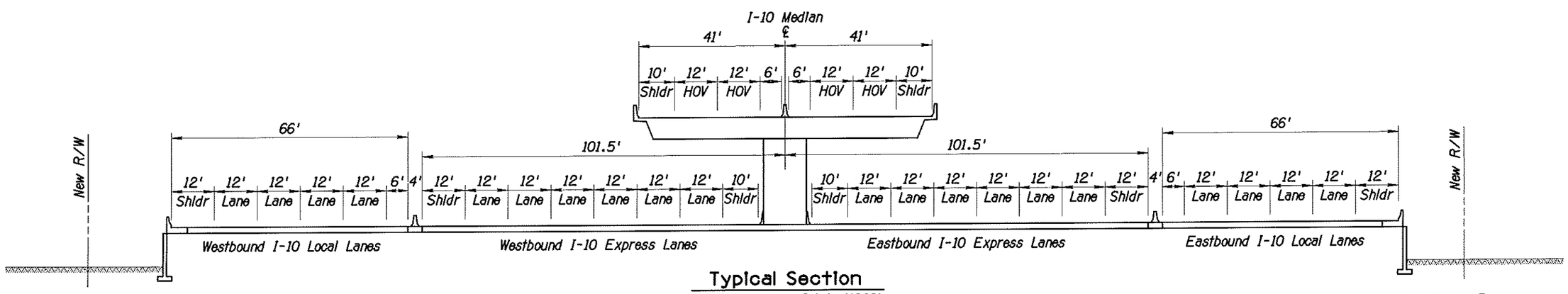
Typical Section

I-10 (24th St to 32nd St)



Typical Section

I-10 (32nd St to Broadway Rd)



Typical Section

I-10 (Broadway Rd to US60)

APPENDIX C

	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

Alternative 3
(HOV Viaduct)
Typical Sections

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

DWG. NO. 1 of 7

TRACS NO. H545401L

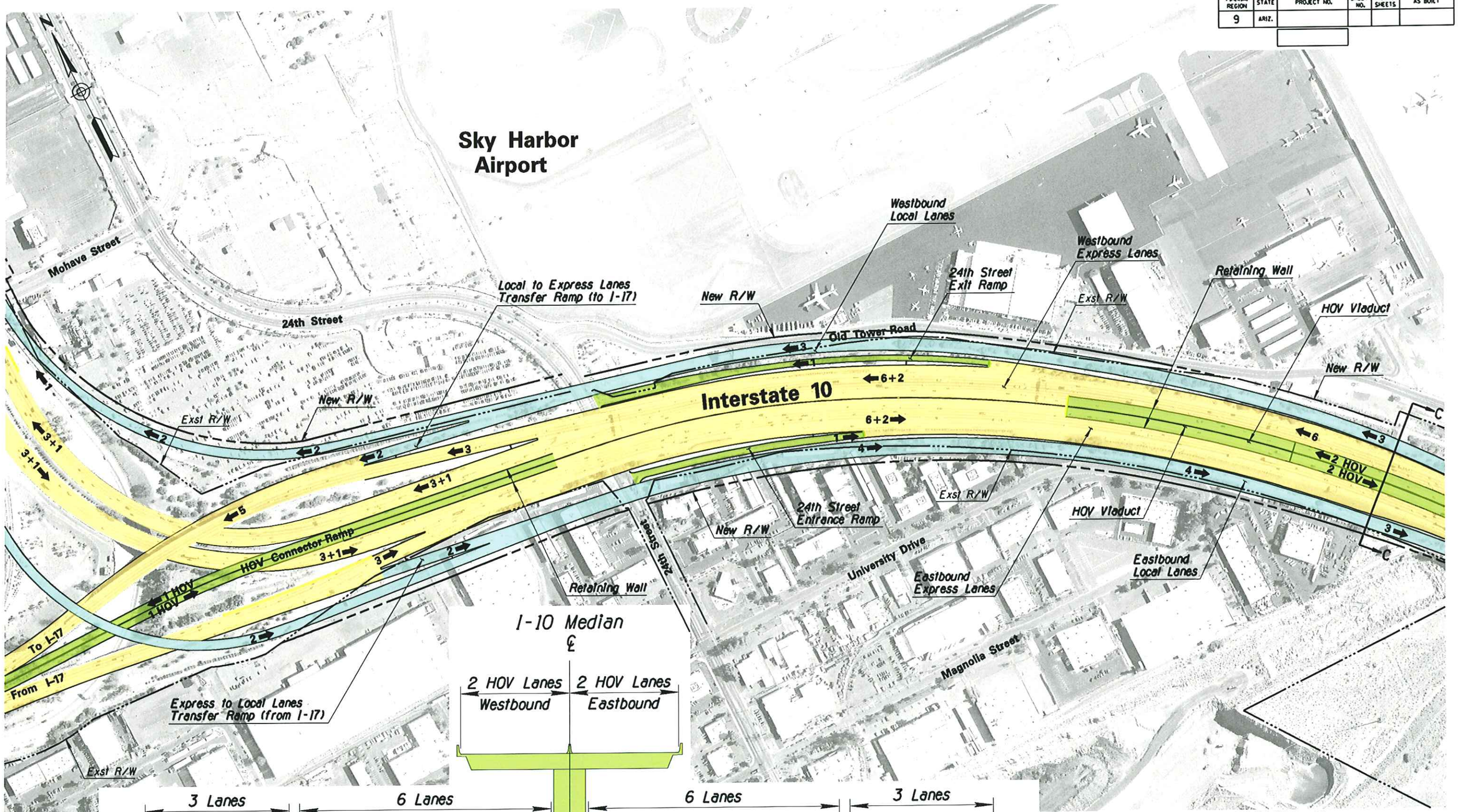
___ OF ___

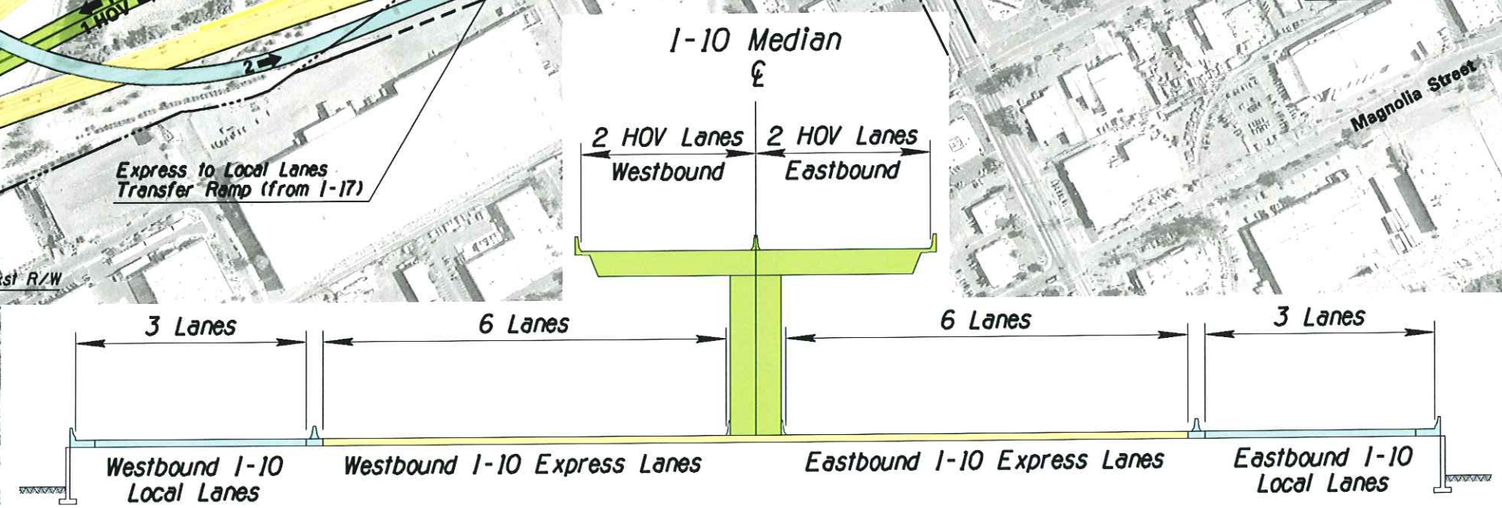
DRAFT

3/15/2007 N:\5445\Prod\ASR\ALT3\5445typAlt3-01.dgn

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

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





Typical Section C-C

DRAFT

APPENDIX C

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

Alternative 3 Plan
(HOV Viaduct)

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

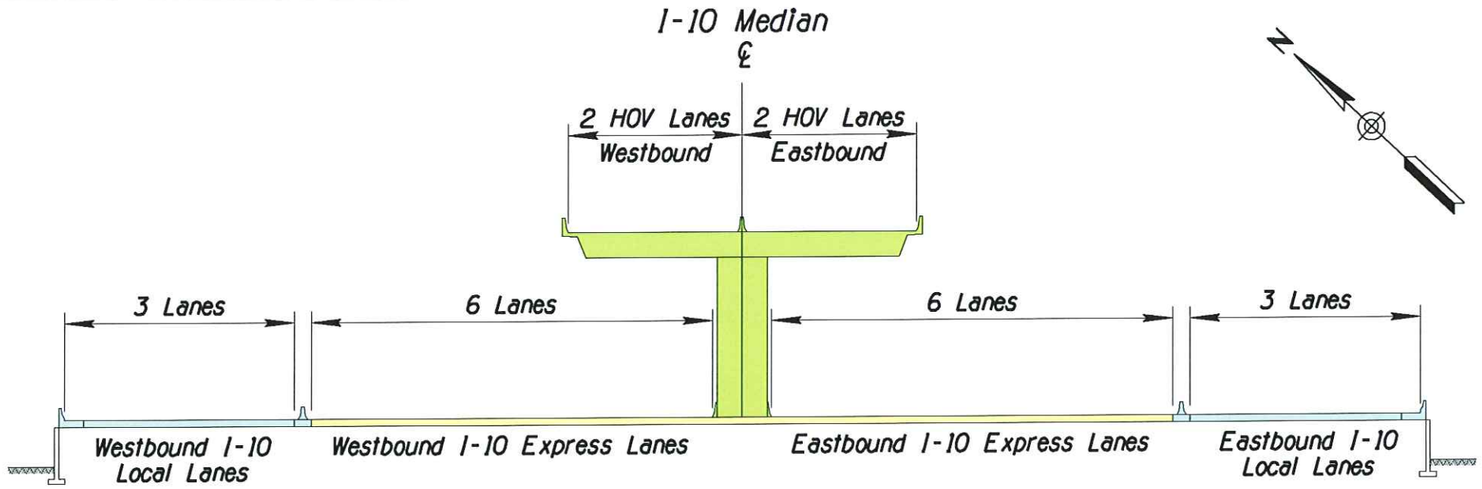
DWG. NO. 2 of 7
___ OF ___

TRACS NO. H545401L

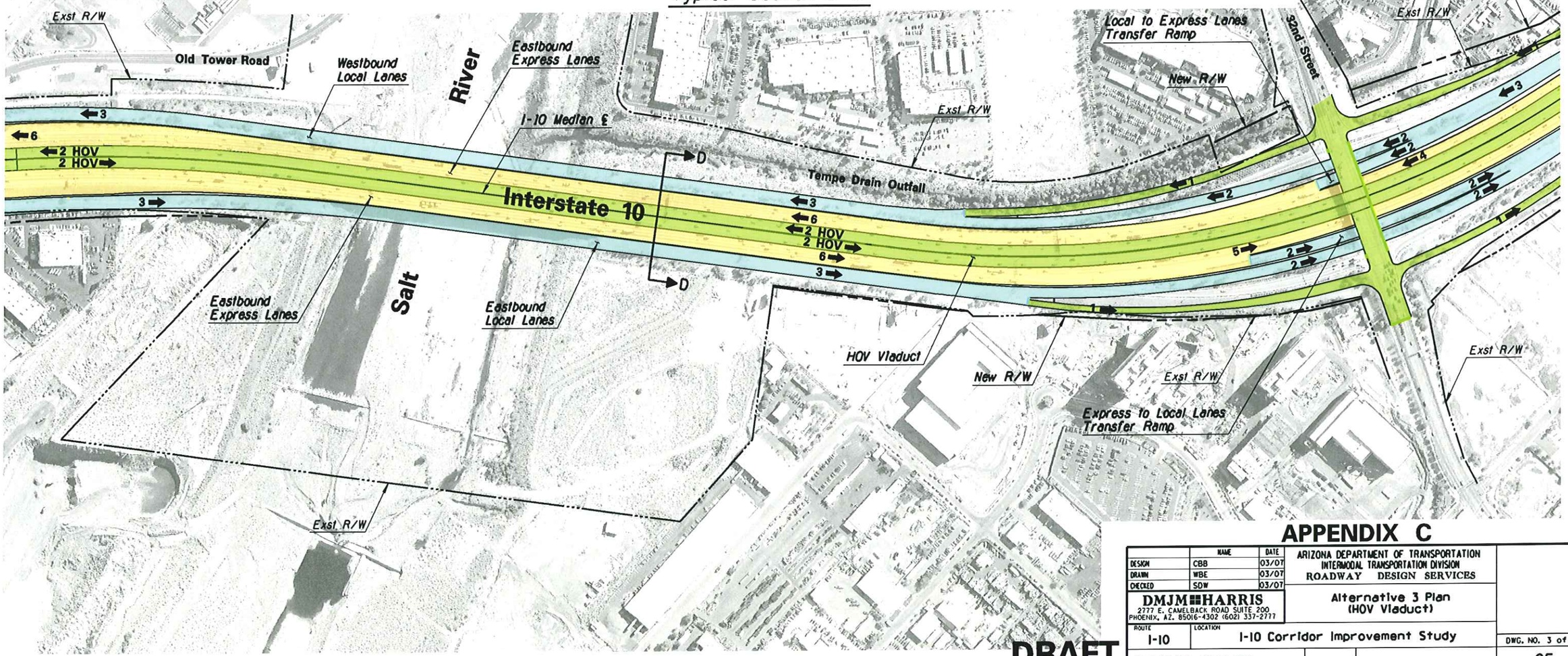
3/14/2007 N:\5445\Prod\ASR\ALT3\5445cp106.dgn

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

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



Typical Section D-D



DRAFT

APPENDIX C

	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

Alternative 3 Plan
(HOV Viaduct)

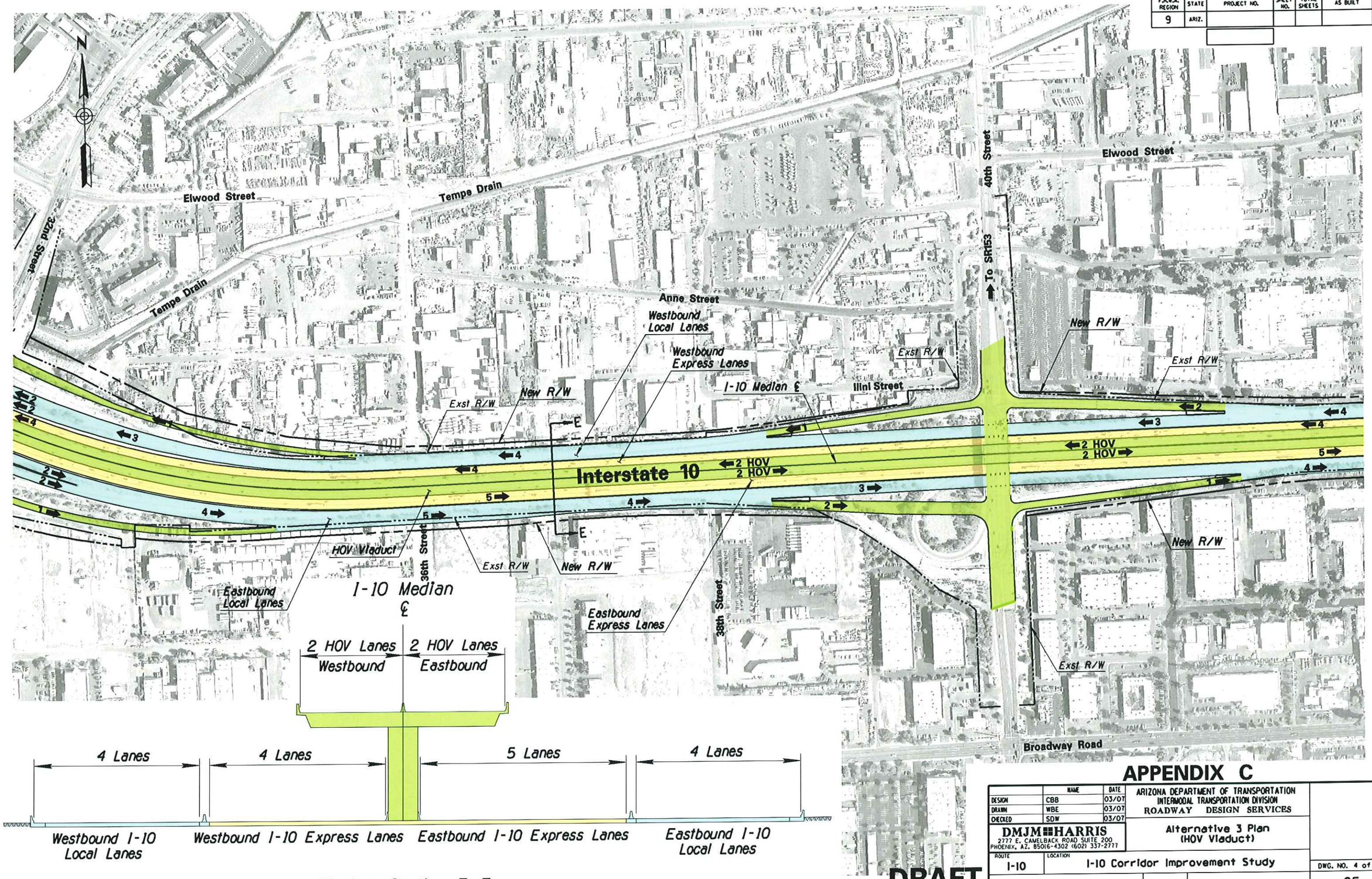
ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

DWG. NO. 3 of 7
___ OF ___

TRACS NO. H545401L

3/15/2007 N:\5445\Prod\ASR\ALT3\5445cp107.dgn

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



APPENDIX C

	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

Alternative 3 Plan
(HOV Viaduct)

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

DWG. NO. 4 of 7
___ OF ___

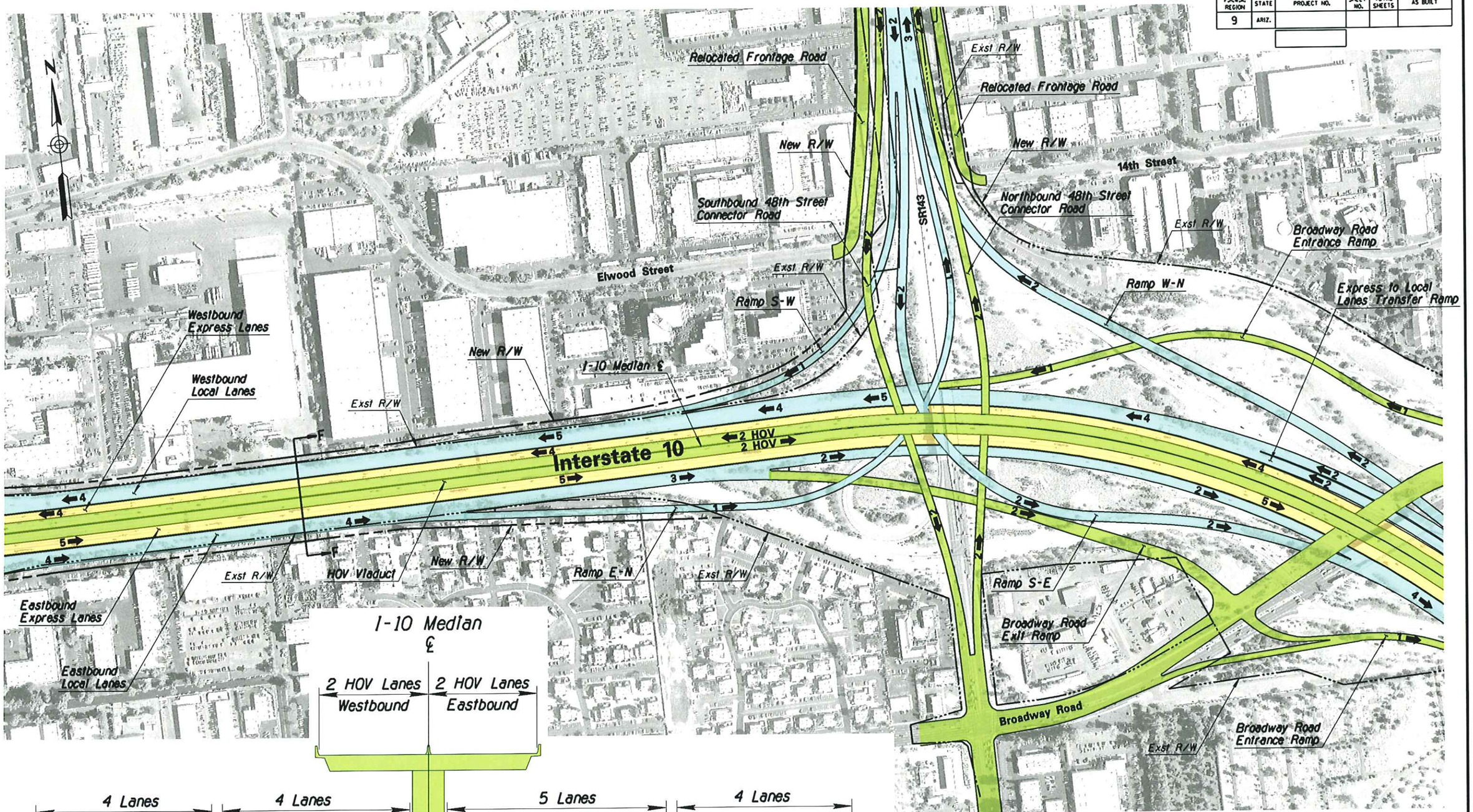
TRACS NO. H545401L

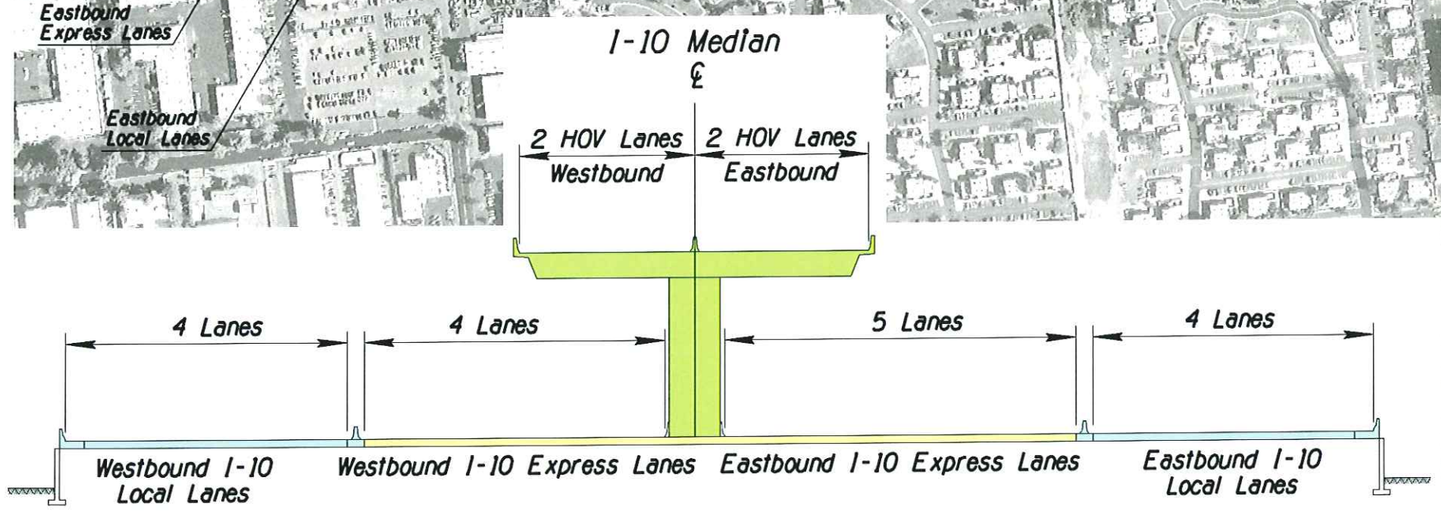
DRAFT

3/15/2007 N:\5445\Prod\ASR\ALT3\5445cp108.dgn

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

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





Typical Section F-F

APPENDIX C

DRAFT

	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

Alternative 3 Plan
(HOV Viaduct)

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

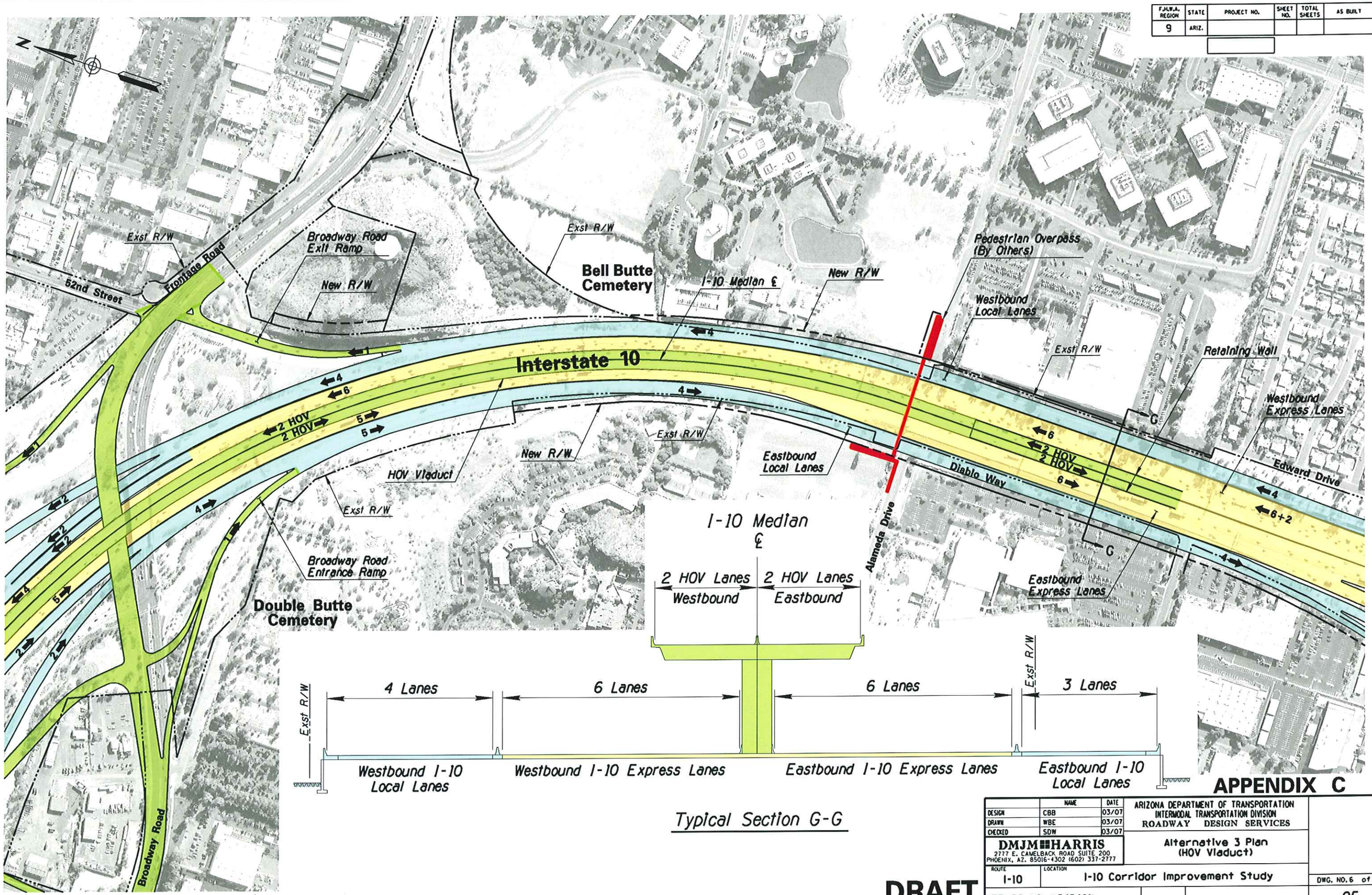
TRACS NO. H545401L

DWG. NO. 5 of 7
___ OF ___

3/15/2007 N:\5445\Prod\ASR\ALT3\5445cp109.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 C

	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

Alternative 3 Plan
(HOV Viaduct)

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

DWG. NO. 6 of 7

TRACS NO. H545401L

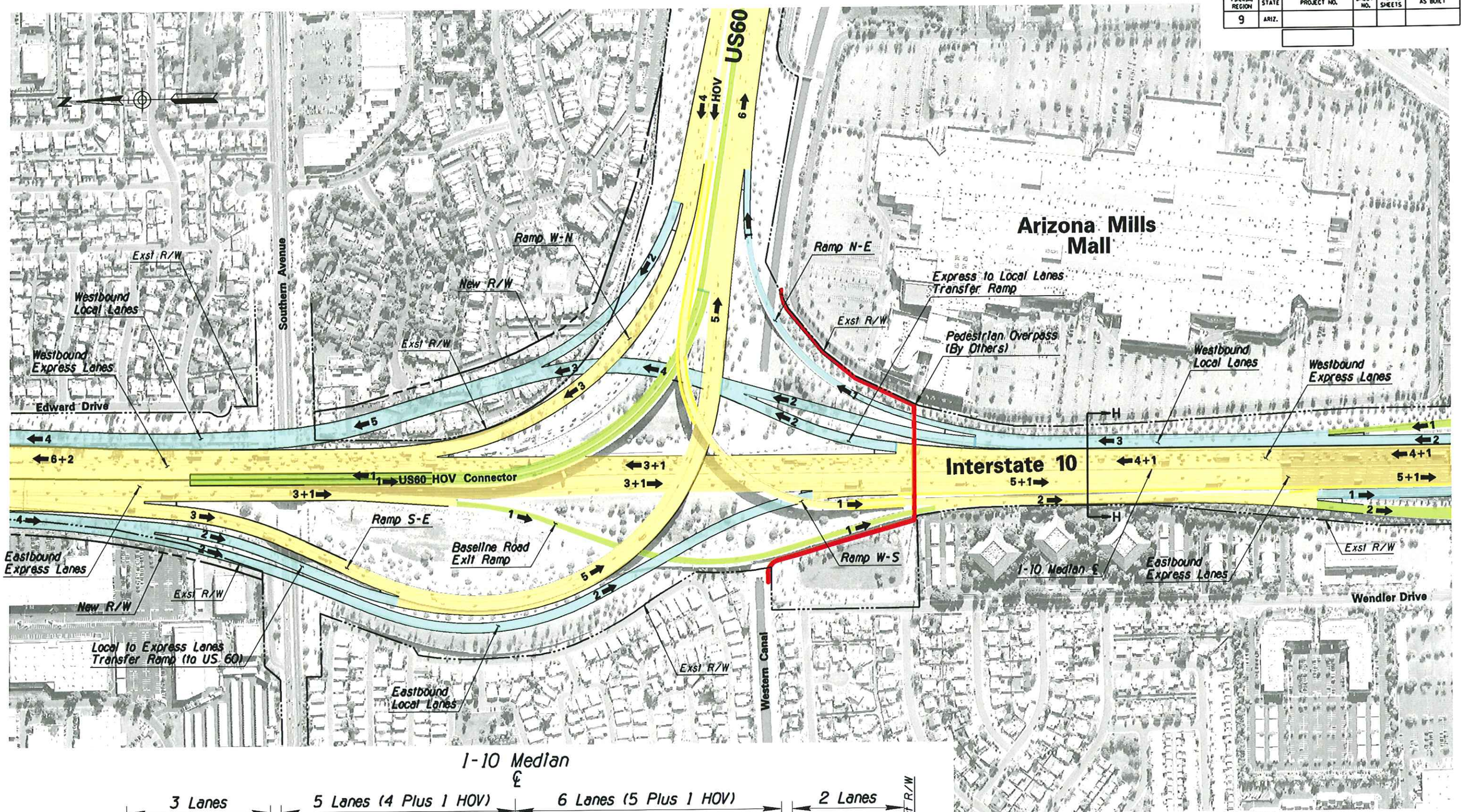
DRAFT

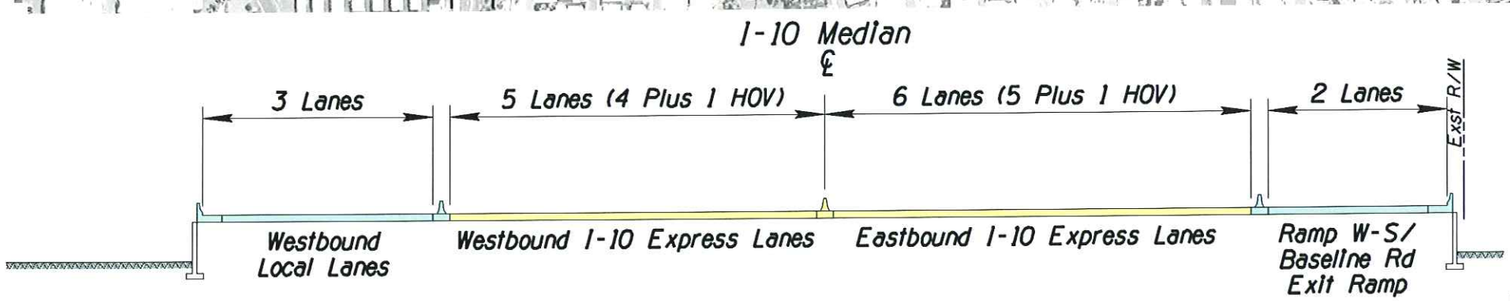
___ OF ___

3/15/2007 N:\5445\Prod\ASR\ALT3\5445cp111.dgn

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

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





Typical Section H-H

DRAFT

APPENDIX C

	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

Alternative 3 Plan
(HOV Viaduct)

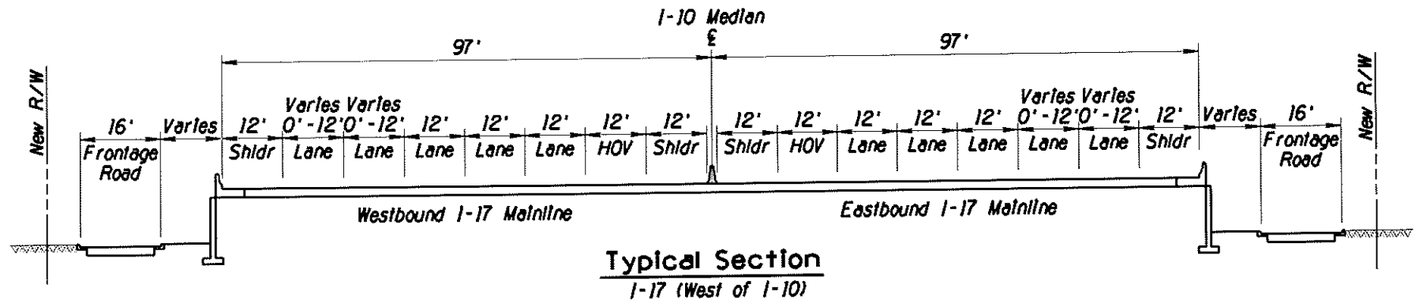
ROUTE: I-10
LOCATION: I-10 Corridor Improvement Study

TRACS NO. H545401L

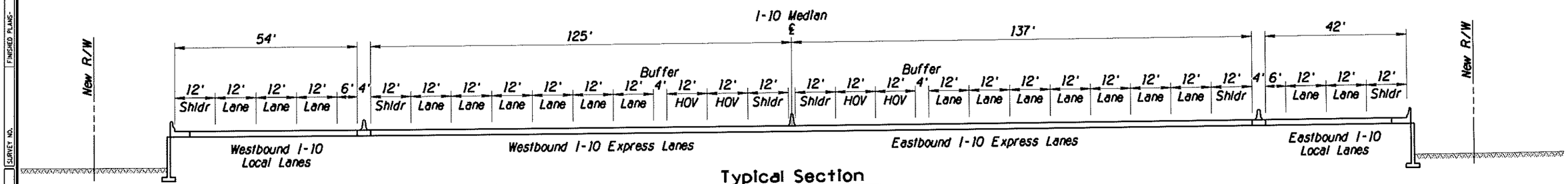
DWG. NO. 7 of 7
___ OF ___

3/14/2007 N:\5445\Prod\ASR\ALT3\5445cp112.dgn

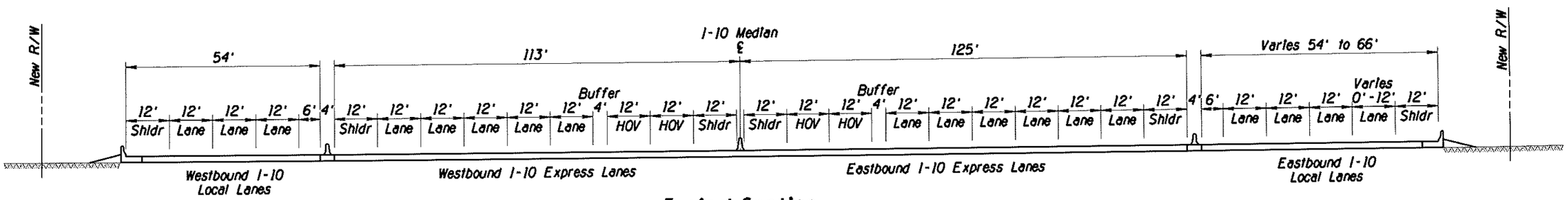
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



Typical Section
I-17 (West of I-10)



Typical Section
I-10 (24th St to 32nd St)



Typical Section
I-10 (32nd St to Broadway Rd)

APPENDIX C

	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

Alternative 4
Typical Sections

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

DWG. NO. 1 of 22
___ OF ___

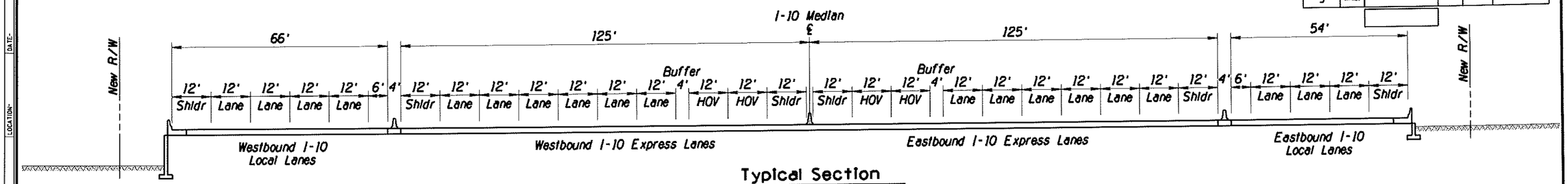
TRACS NO. H545401L

DRAFT

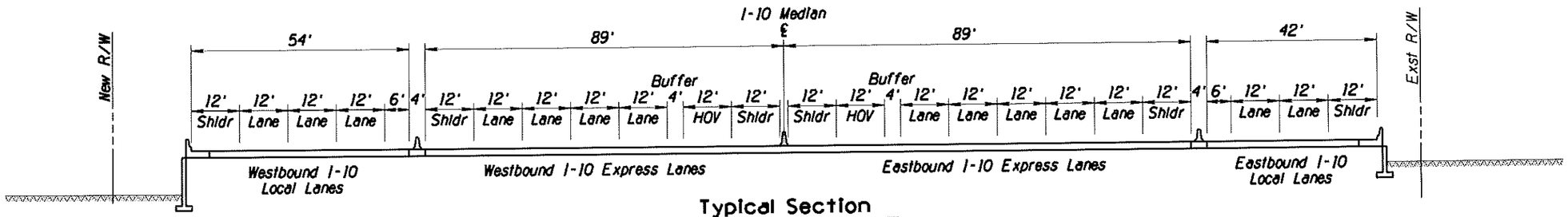
4/9/2007 N:\5445\Prod\ASR\ALT4\5445typAlt4-01.dgn

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

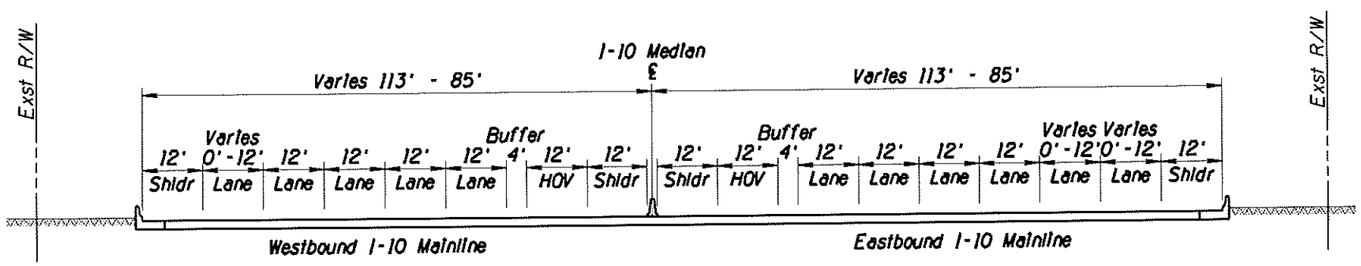
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



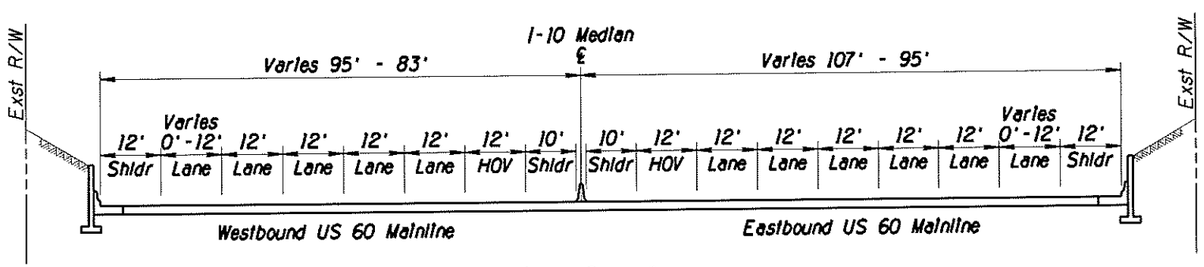
Typical Section
I-10 (Broadway Rd to US 60)



Typical Section
I-10 (US 60 to Baseline Rd)



Typical Section
I-10 (Baseline Rd to Ray Rd)



Typical Section
US 60 (I-10 to Mill Ave)

APPENDIX C

	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

Alternative 4
Typical Sections

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

DWG. NO. 2 of 22
___ OF ___

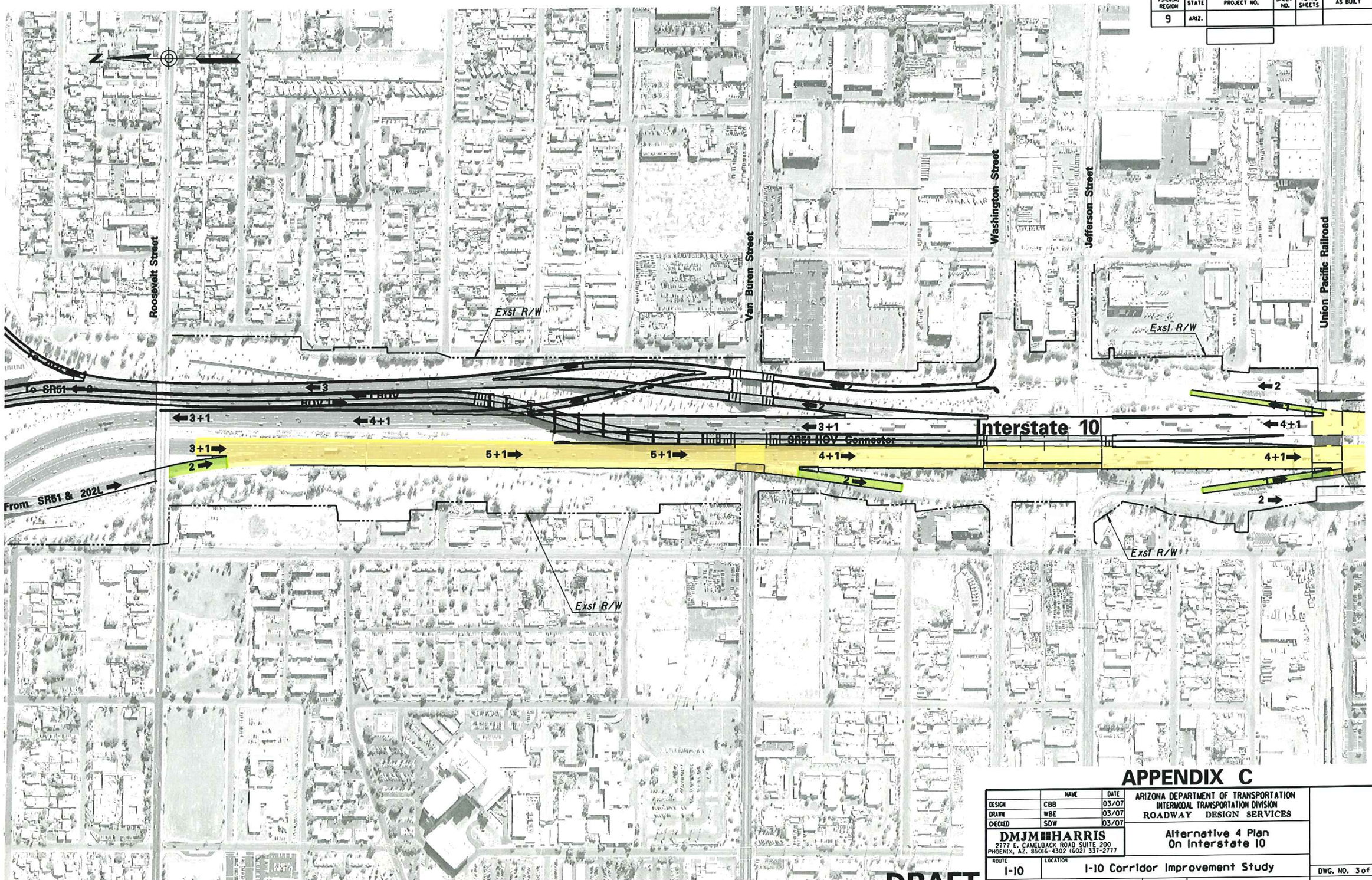
TRACS NO. H545401L

DRAFT

4/9/2007 N:\5445\Prod\ASR\ALT4\5445typAlt4-02.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 C

	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

Alternative 4 Plan
On Interstate 10

ROUTE: I-10

LOCATION: I-10 Corridor Improvement Study

DWG. NO. 3 of 22

___ OF ___

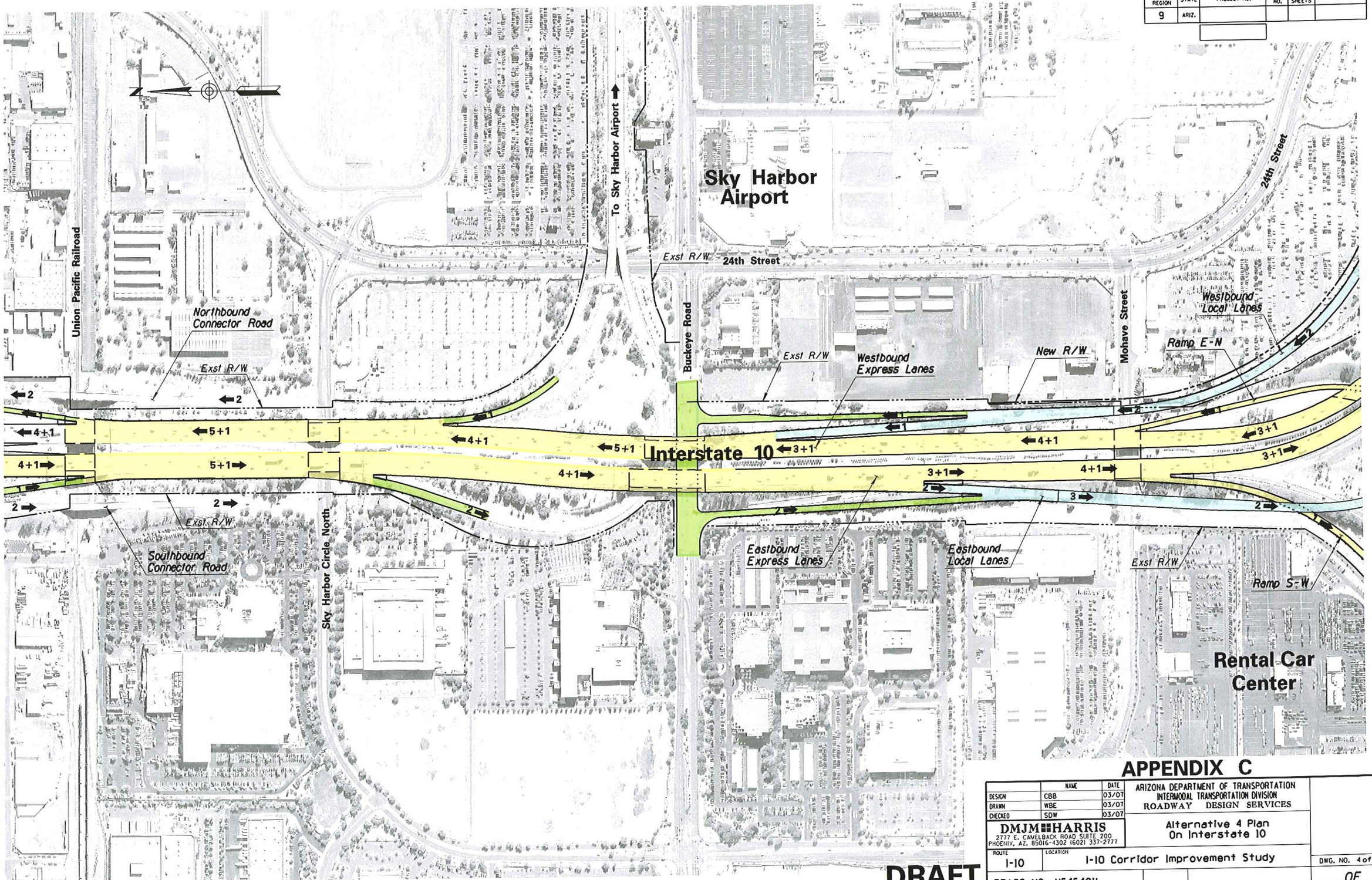
TRACS NO. H545401L

DRAFT

3/14/2007 N:\5445\Prod\ASR\ALT4\5445cp101.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 C

	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

Alternative 4 Plan
On Interstate 10

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

TRACS NO. H545401L

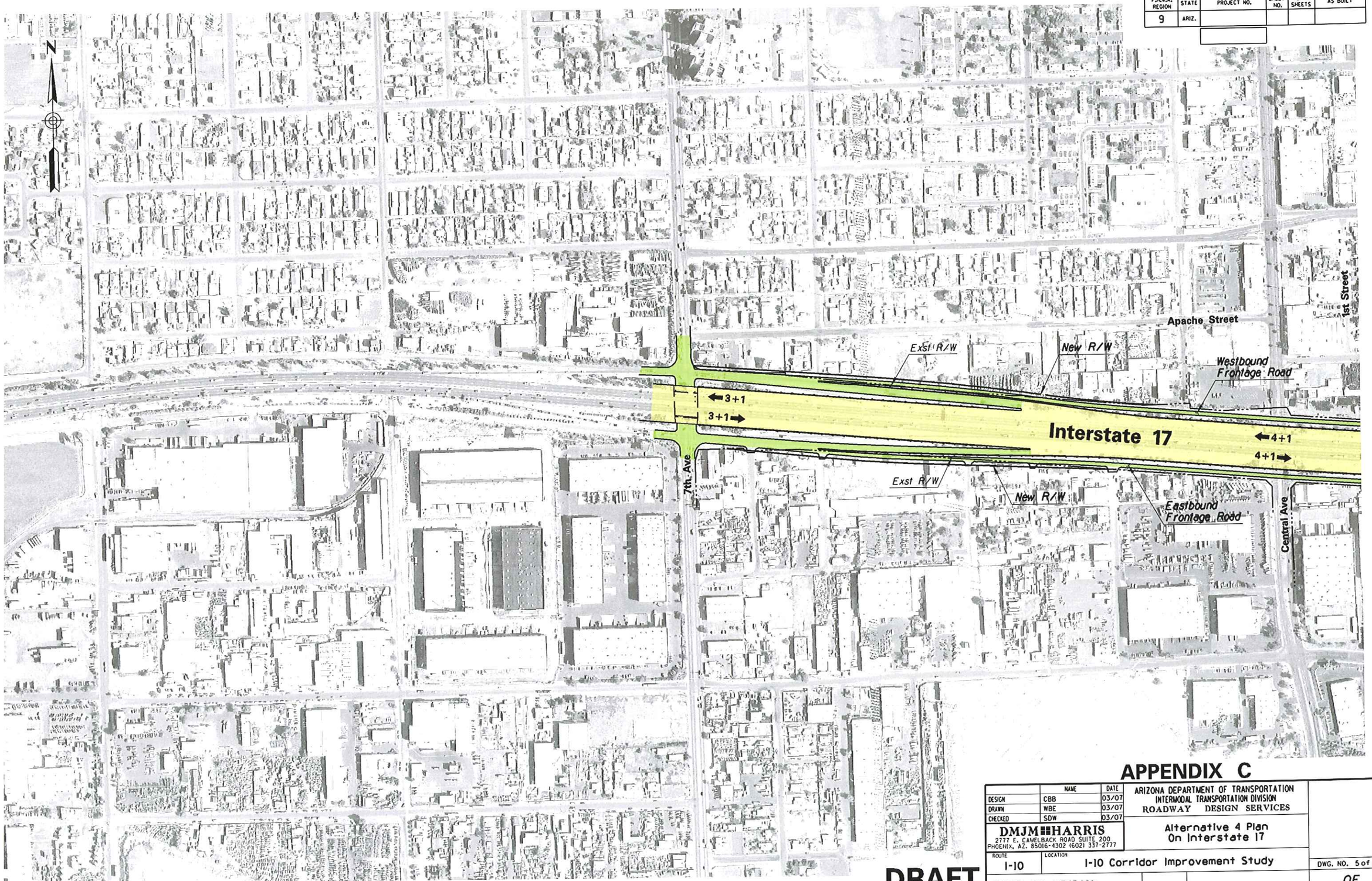
DWG. NO. 4 of 22

___ OF ___

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cpl02.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 C

	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

Alternative 4 Plan
On Interstate 17

ROUTE: I-10

LOCATION: I-10 Corridor Improvement Study

DWG. NO. 5 of 22

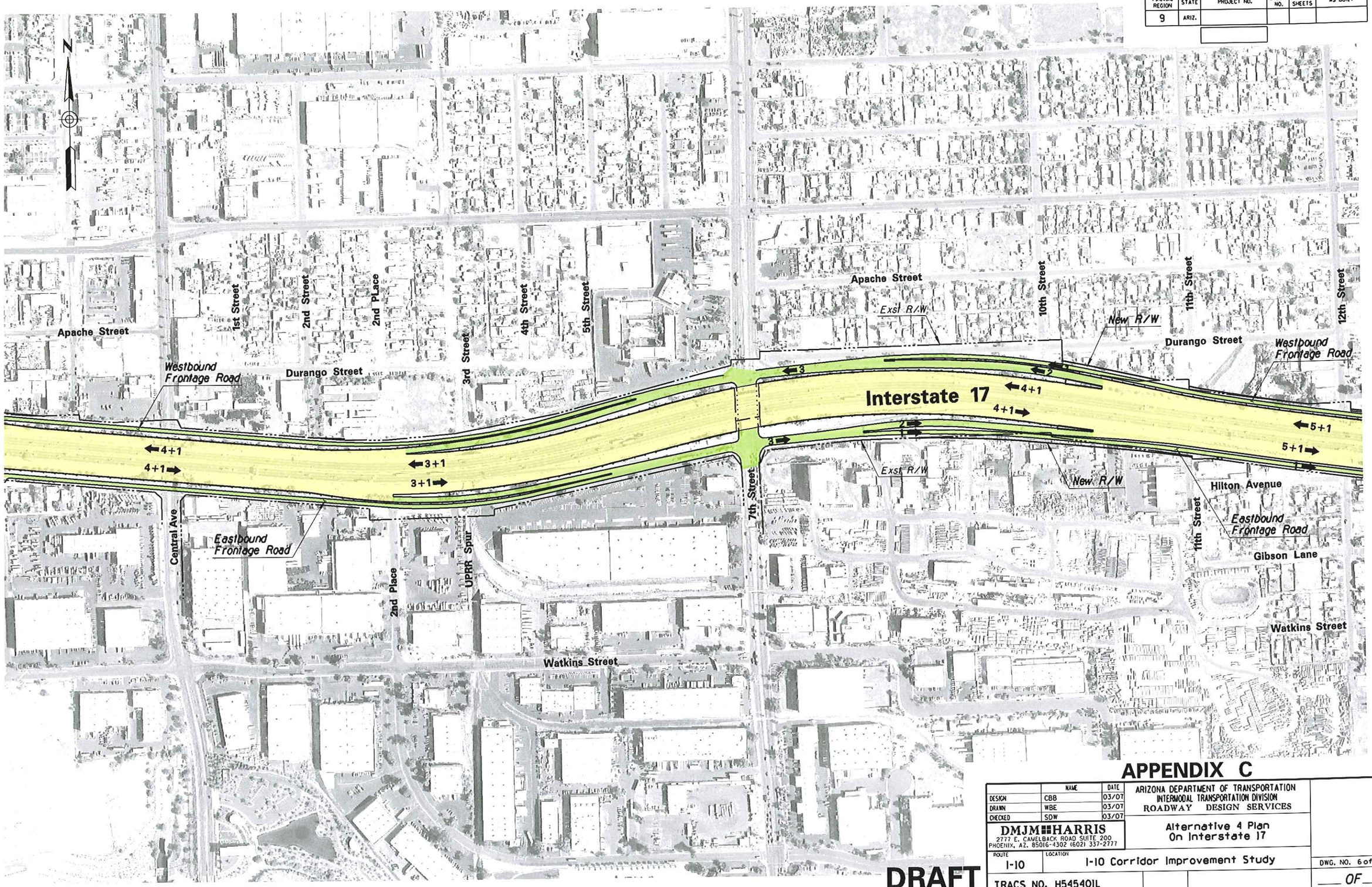
TRACS NO. H545401L

DRAFT

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

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cp103a.dgn

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



APPENDIX C

	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

Alternative 4 Plan
On Interstate 17

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

DWG. NO. 6 of 22
___ OF ___

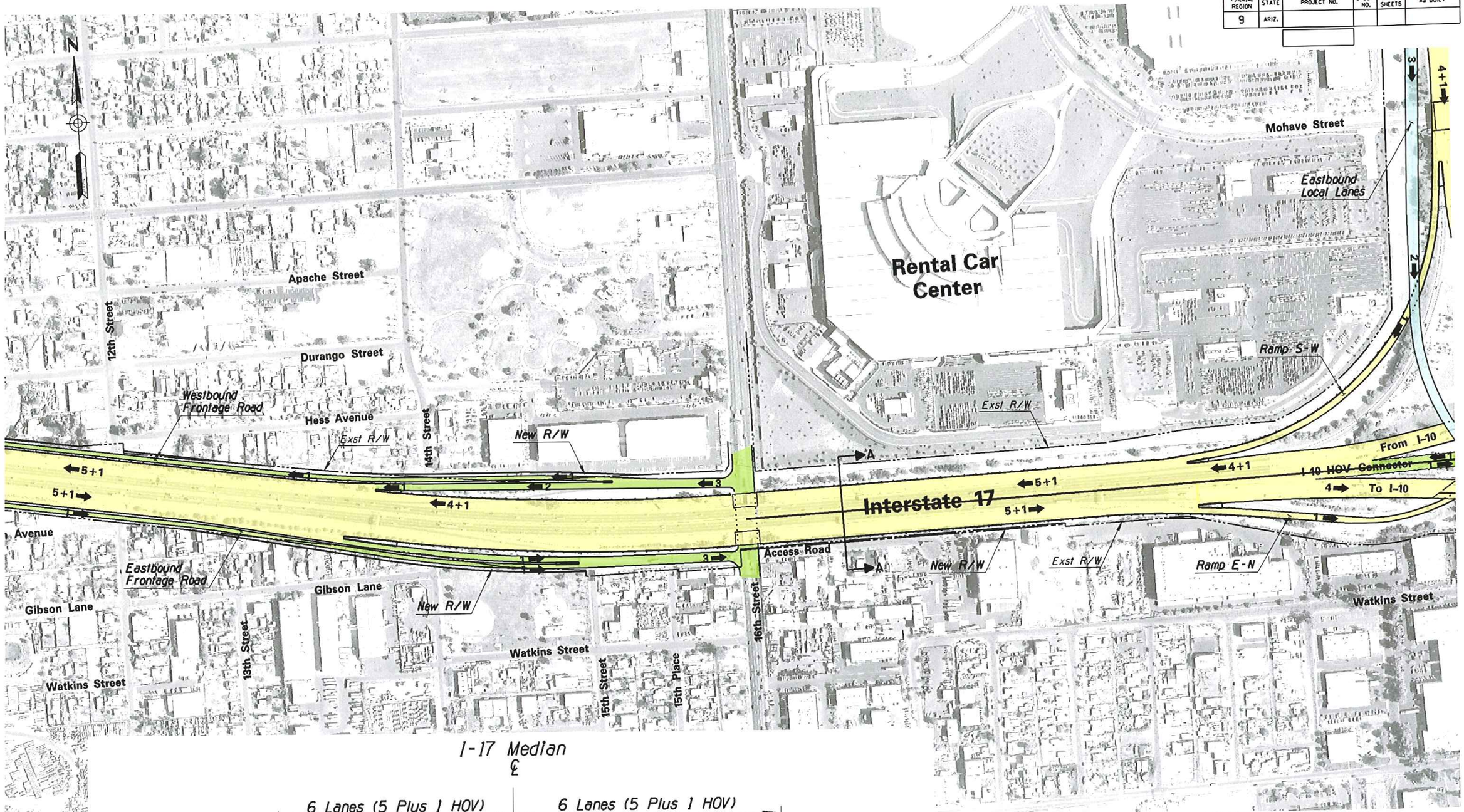
TRACS NO. H545401L

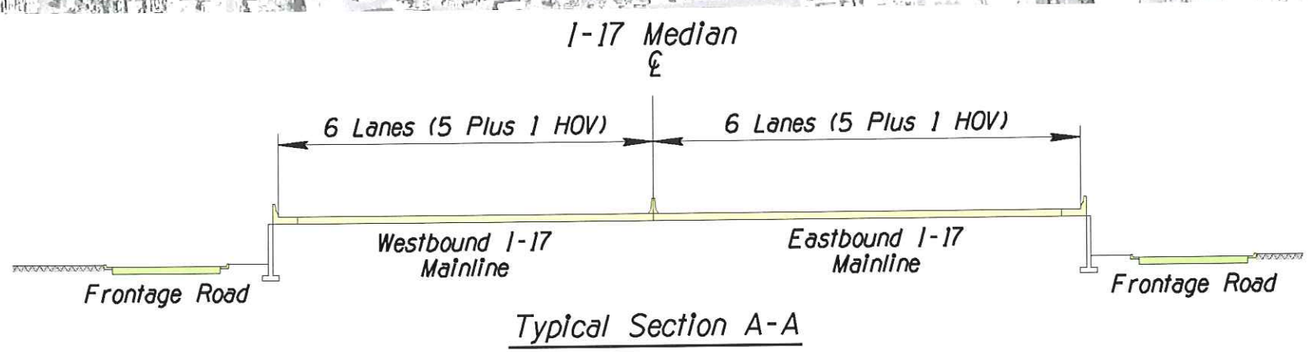
DRAFT

4/9/2007 N:\5445\Prod\ASH\ALT4\5445cpl03.dgn

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

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





Typical Section A-A

APPENDIX C

DRAFT

	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

Alternative 4 Plan
On Interstate 17

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

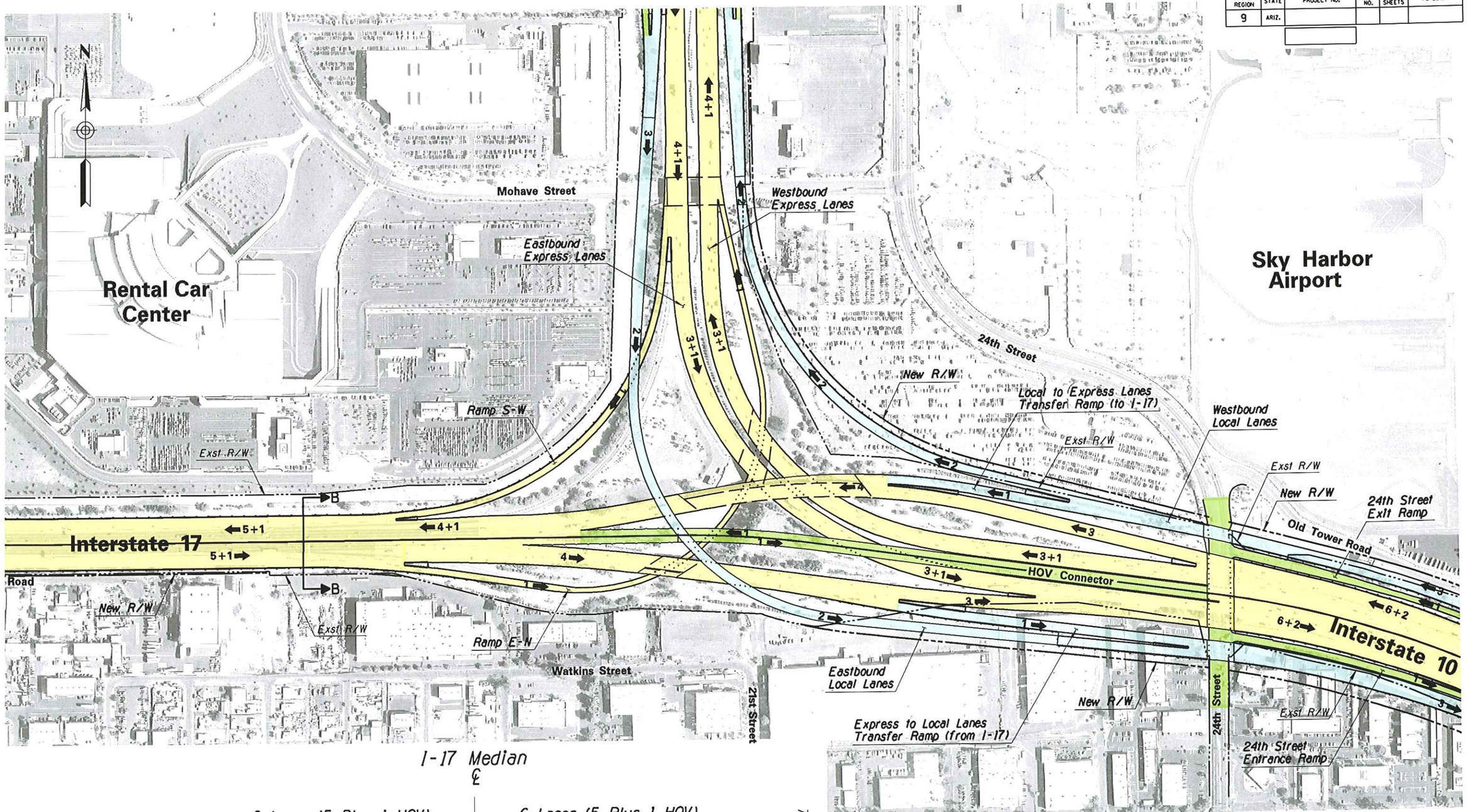
DWG. NO. 1 of 22
___ OF ___

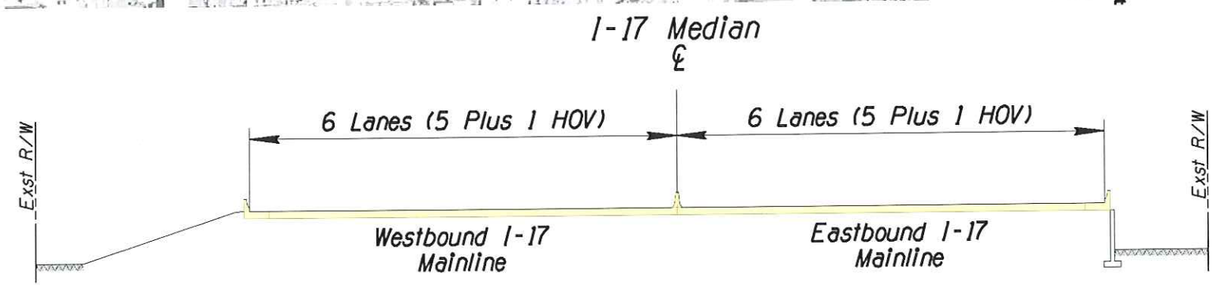
TRACS NO. H545401L

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cpl04.dgn

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

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





Typical Section B-B

APPENDIX C

DRAFT

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

Alternative 4 Plan
On Interstate 10

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

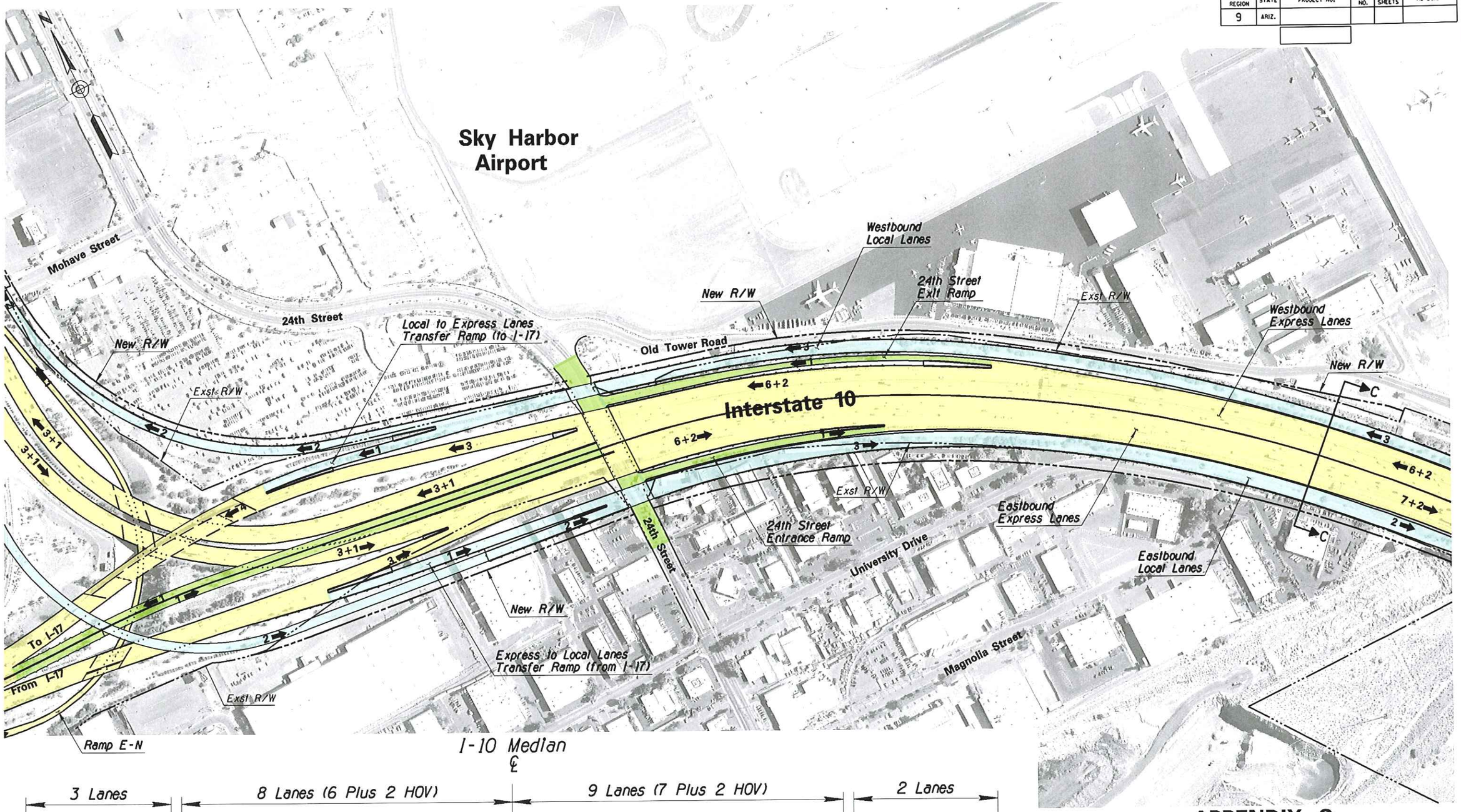
TRACS NO. H545401L

DWG. NO. 8 of 22
___ OF ___

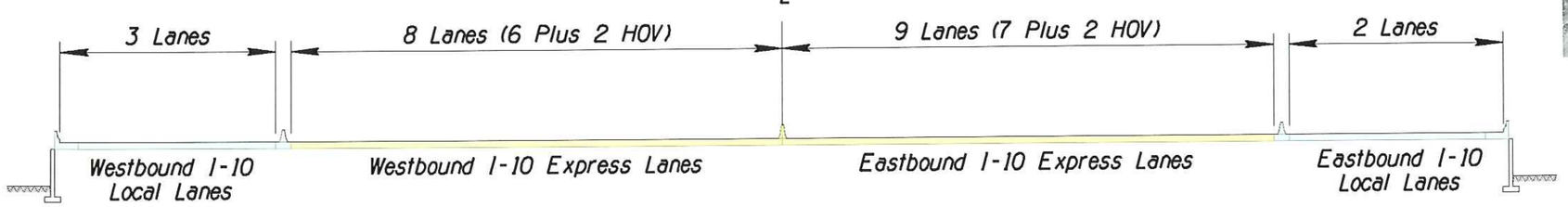
4/9/2007 N:\5445\Prod\ASR\ALT4\5445cpl05.dgn

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

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



I-10 Median ℄



Typical Section C-C

DRAFT

APPENDIX C

	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

Alternative 4 Plan
On Interstate 10

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

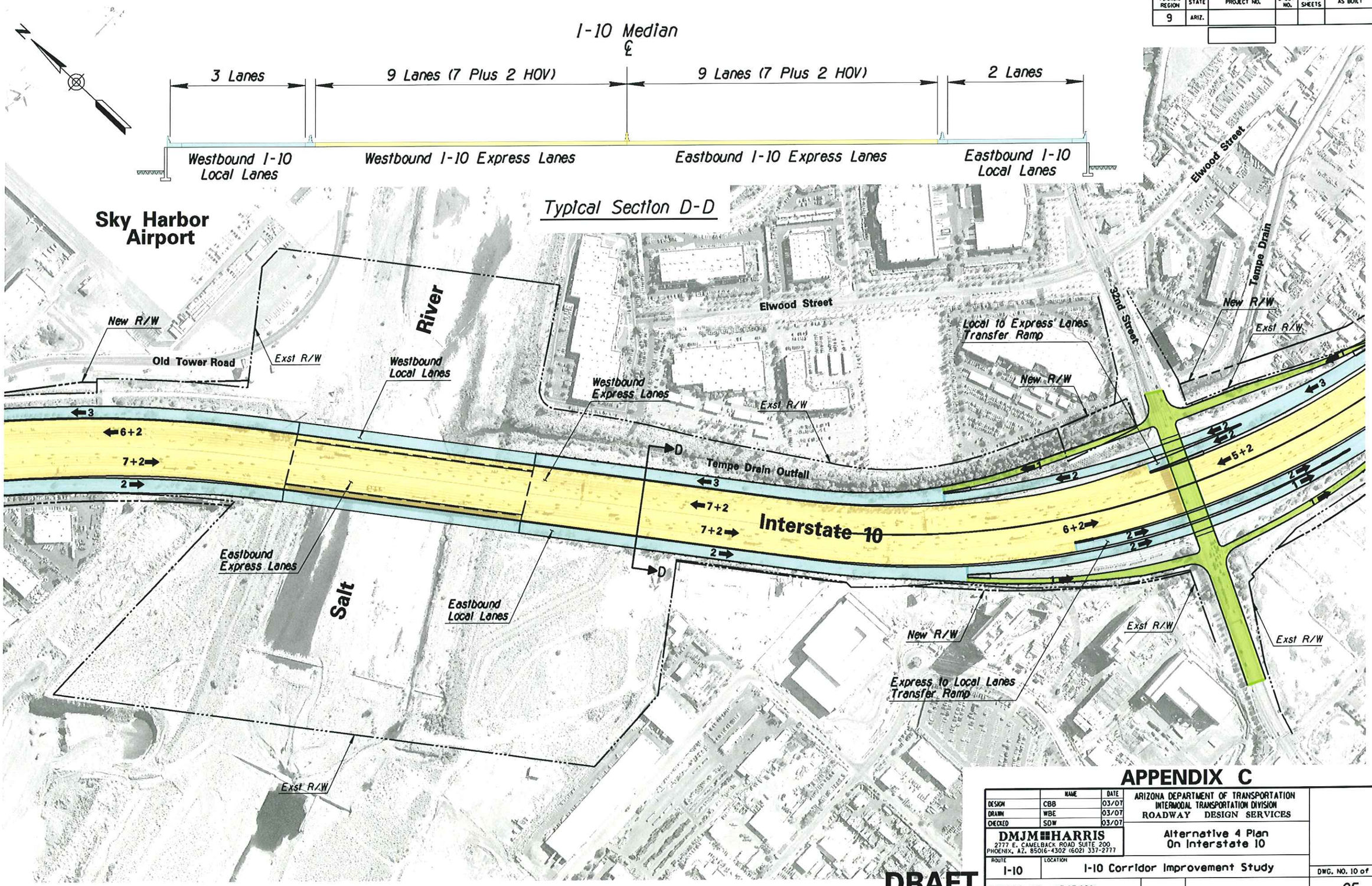
DWG. NO. 9 of 22
___ OF ___

TRACS NO. H545401L

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cpl06.dgn

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

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



DRAFT

APPENDIX C

	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

Alternative 4 Plan
On Interstate 10

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

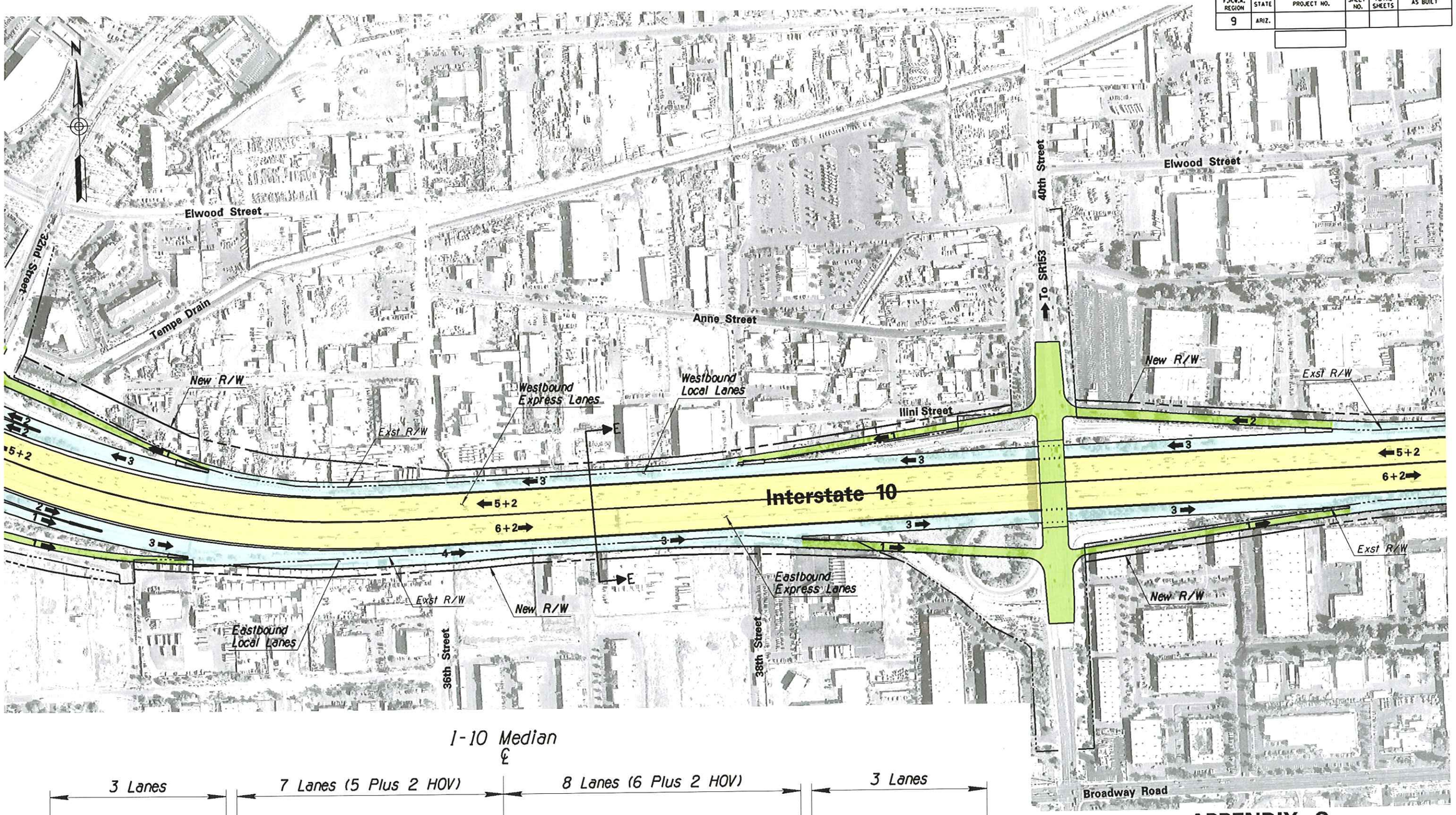
DWG. NO. 10 of 22
___ OF ___

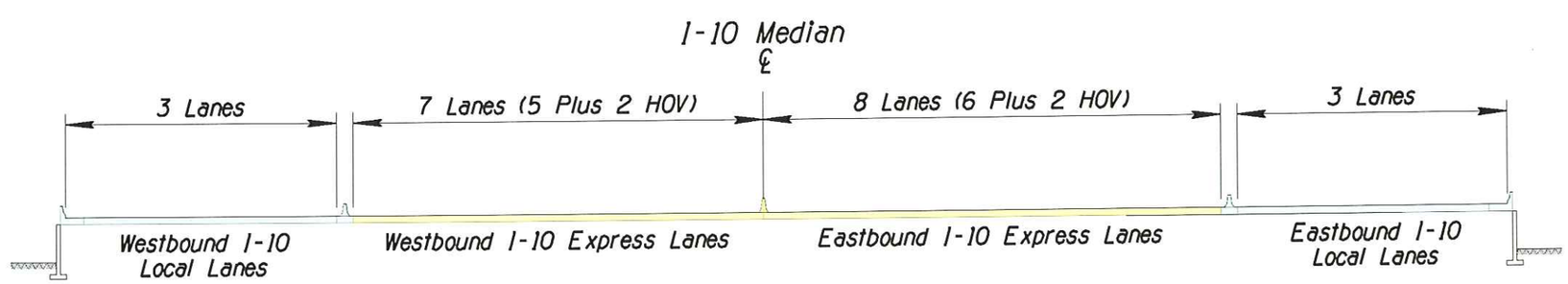
TRACS NO. H545401L

3/15/2007 N:\5445\Prod\ASR\ALT4\5445cpl07.dgn

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

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





Typical Section E-E

DRAFT

APPENDIX C

	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

Alternative 4 Plan
On Interstate 10

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

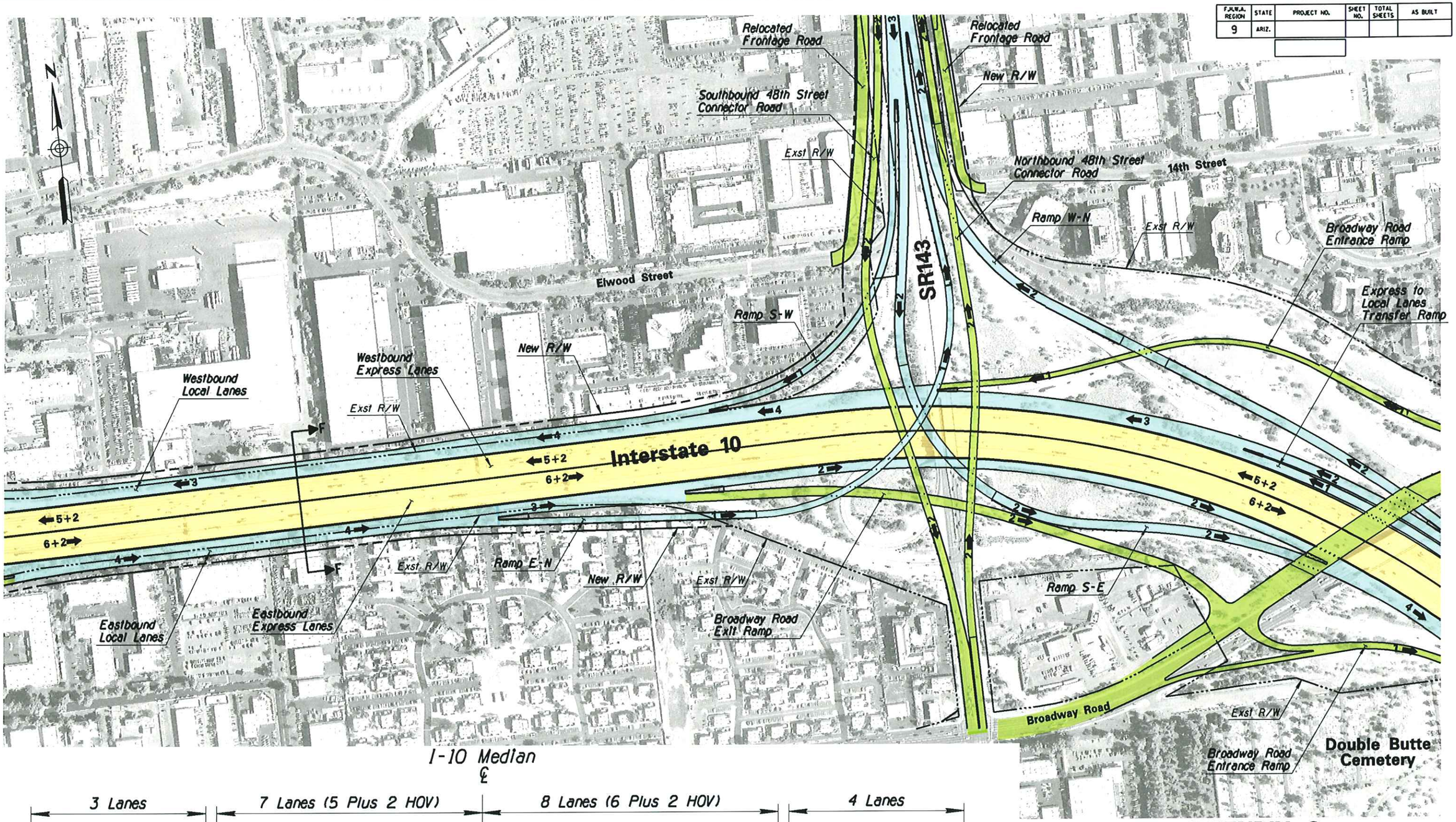
DWG. NO. 11 of 22
___ OF ___

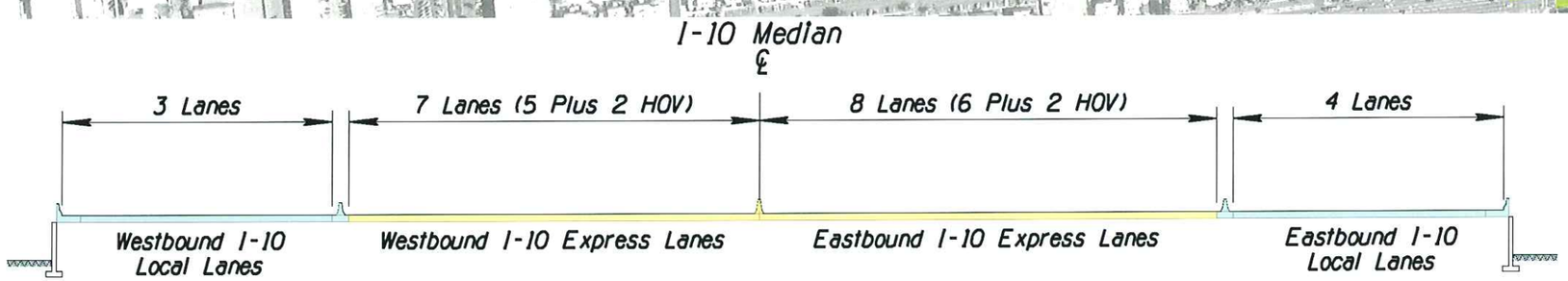
TRACS NO. H545401L

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

4/10/2007 N:\5445\Prod\ASR\ALT4\5445cp108.dgn

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





Typical Section F-F

DRAFT

APPENDIX C

	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

Alternative 4 Plan
On Interstate 10

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

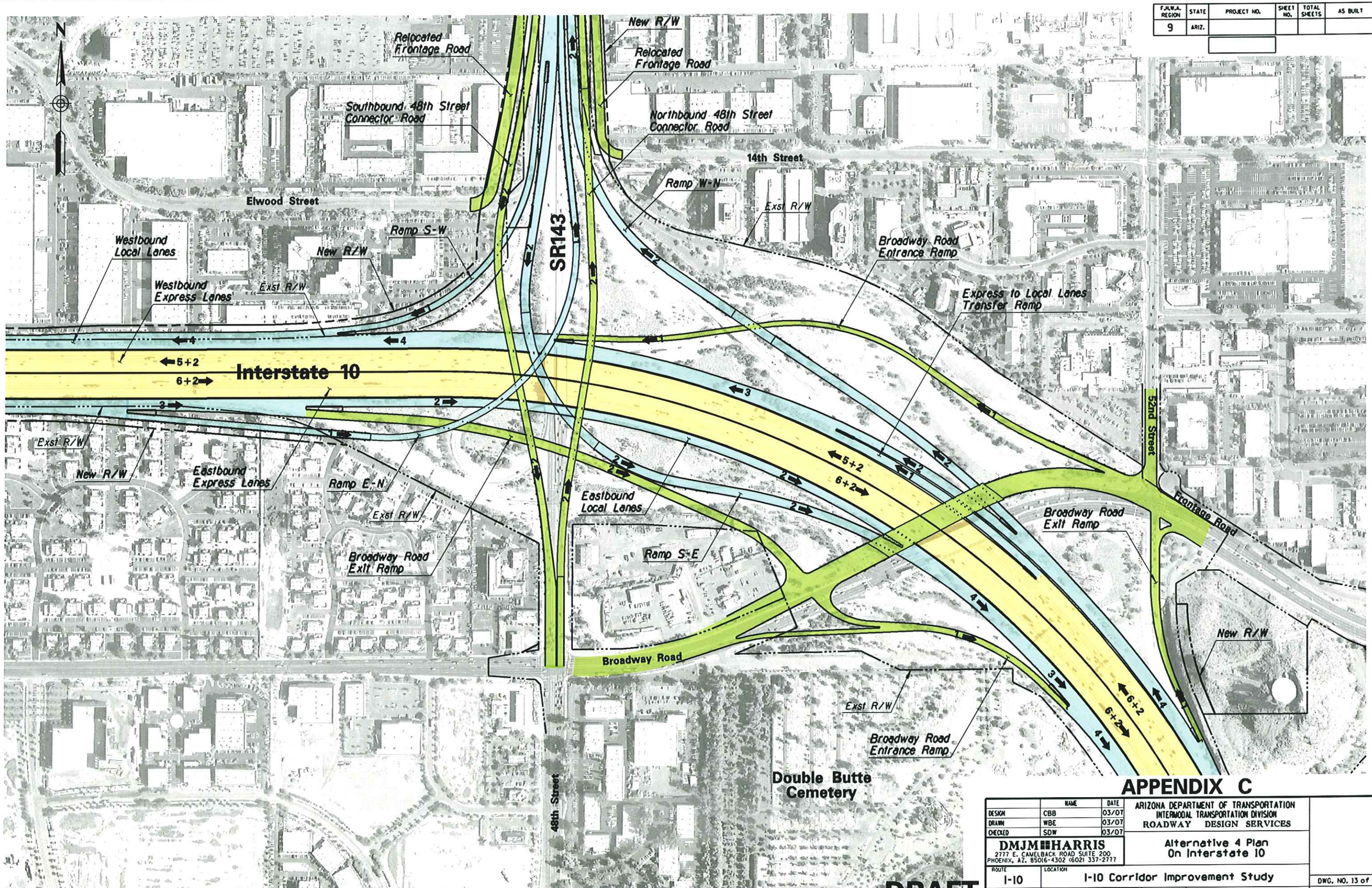
TRACS NO. H545401L

DWG. NO. 12 of 22
___ OF ___

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

3/15/2007 N:\5445\Prod\ASR\ALT4\5445cp109.dgn

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



APPENDIX C

	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

Alternative 4 Plan
On Interstate 10

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

DWG. NO. 13 of 22
___ OF ___

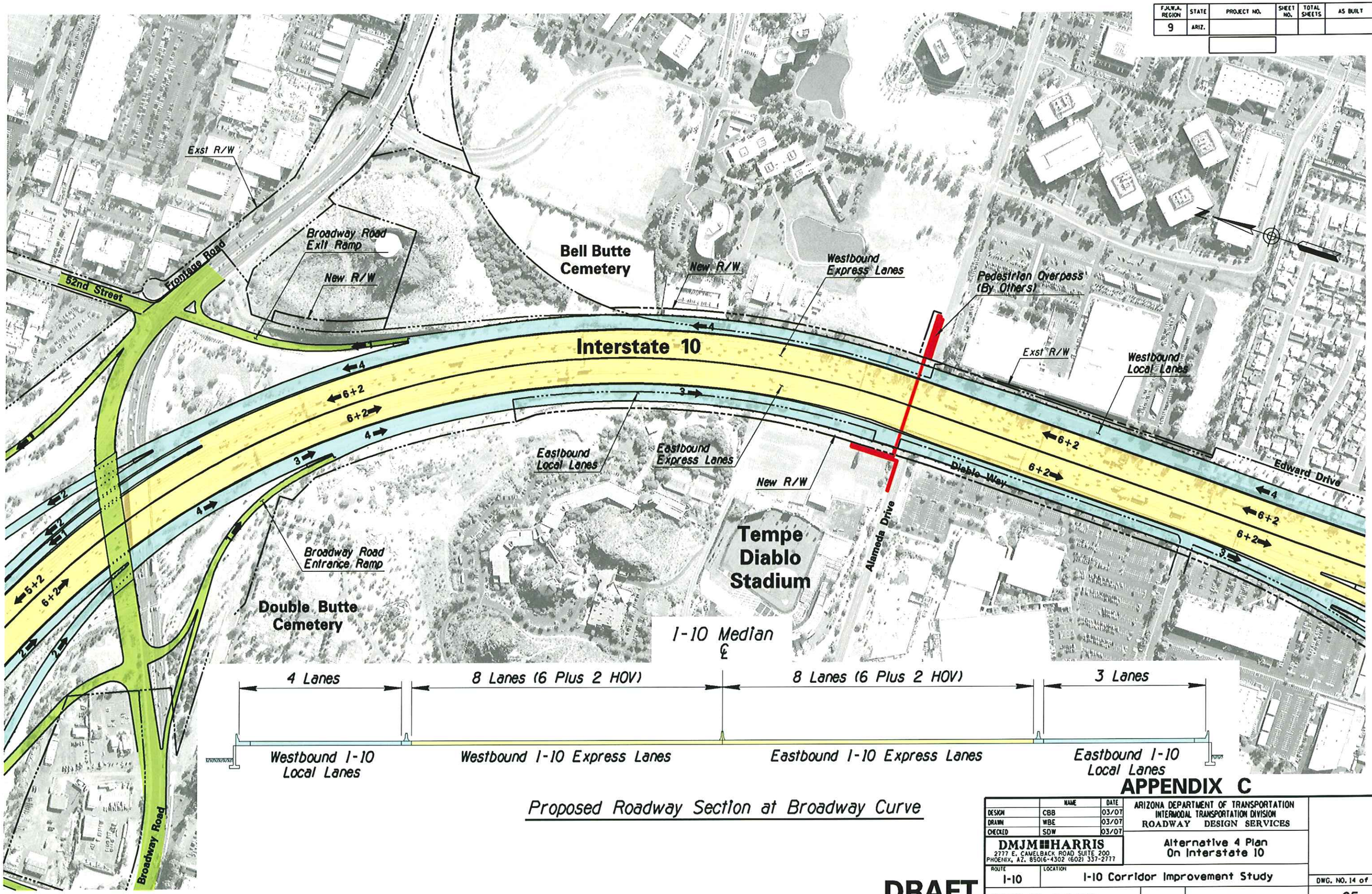
TRACS NO. H545401L

DRAFT

3/15/2007 N:\5445\Prod\ASR\ALT4\5445cp110.dgn

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

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



Proposed Roadway Section at Broadway Curve

APPENDIX C

DRAFT

	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

Alternative 4 Plan
On Interstate 10

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

TRACS NO. H545401L

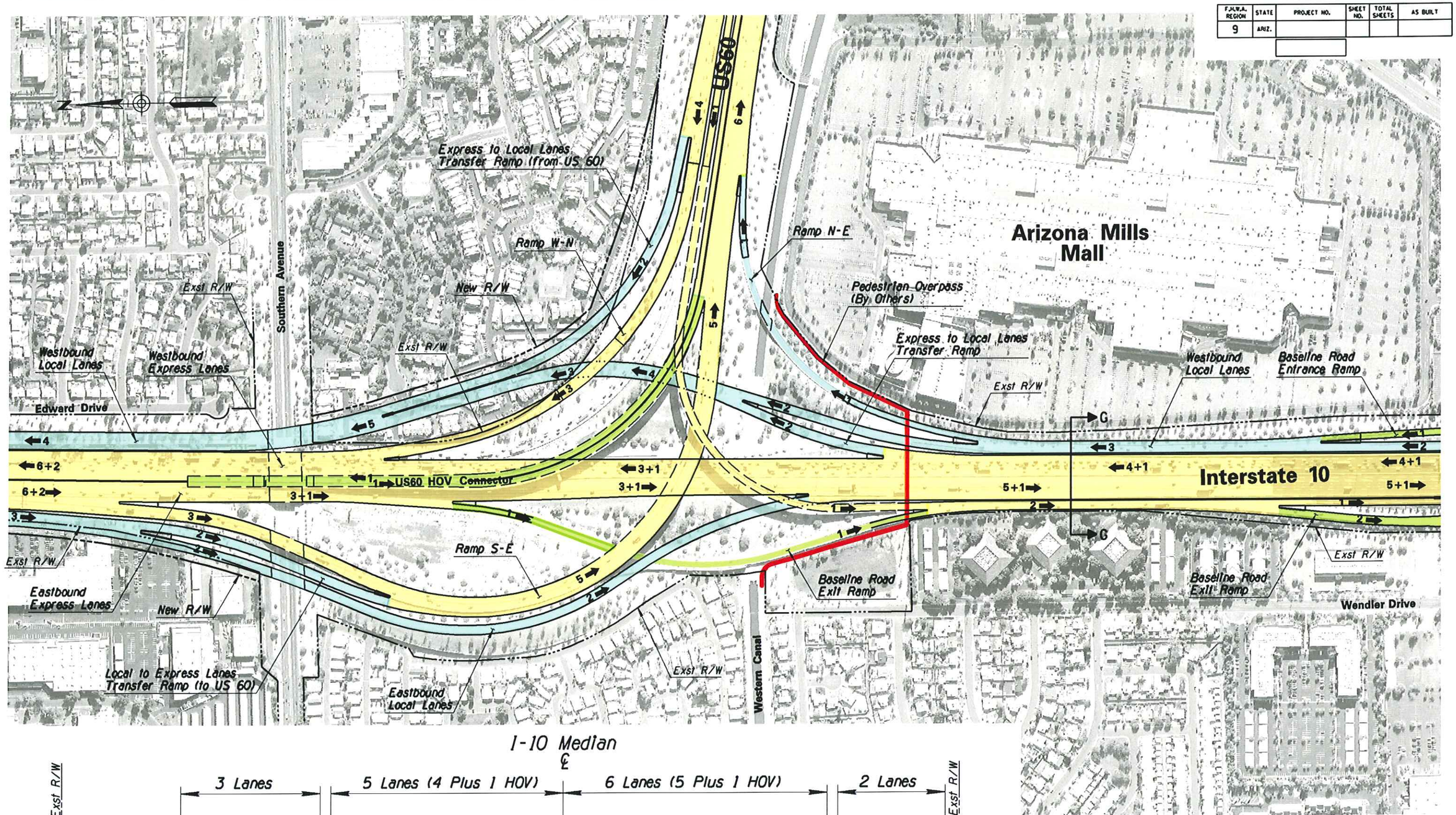
DWG. NO. 14 of 22

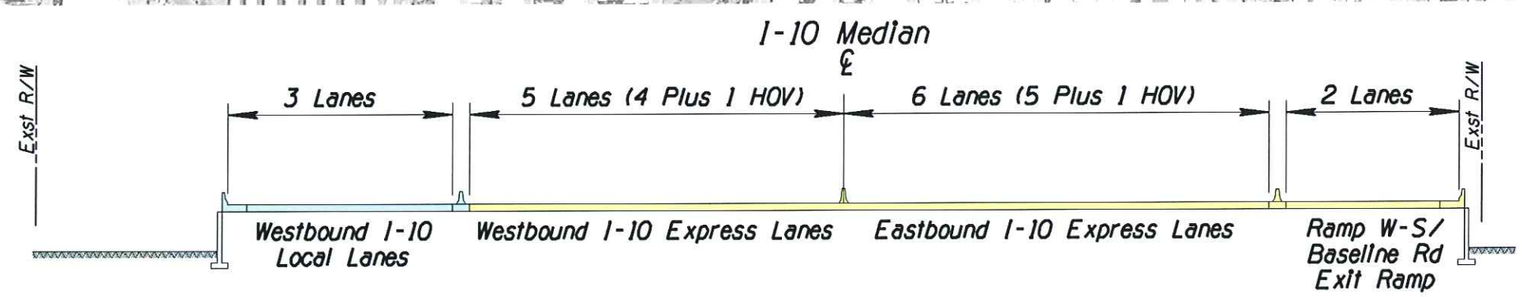
___ OF ___

3/15/2007 N:\5445\Prod\ASR\ALT4\5445cp111.dgn

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

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





Typical Section G-G

APPENDIX C

DRAFT

	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

Alternative 4 Plan
On Interstate 10

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

TRACS NO. H545401L

DWG. NO. 15 of 22
___ OF ___

3/14/2007 N:\5445\Prod\ASR\ALT4\5445cp112.dgn

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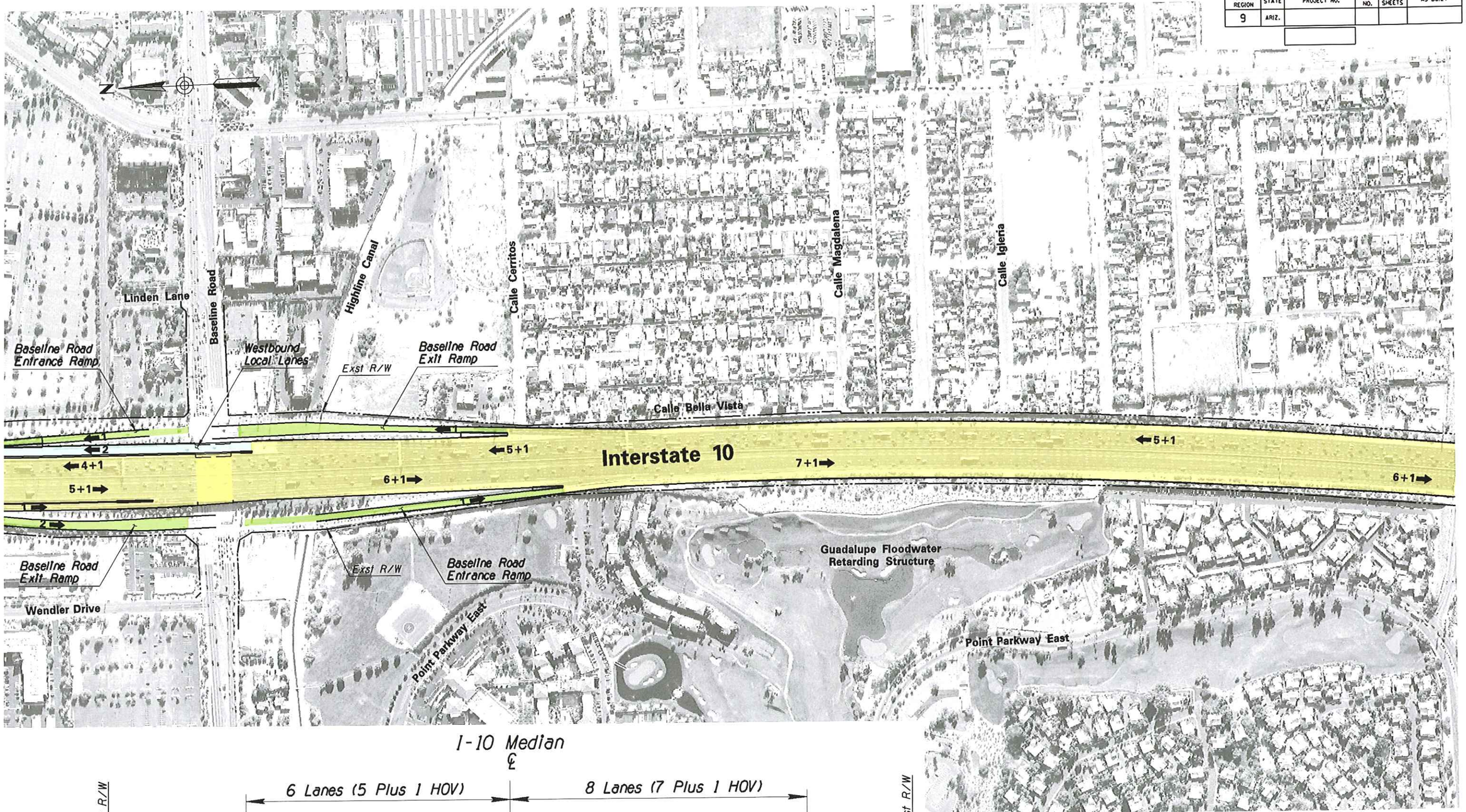
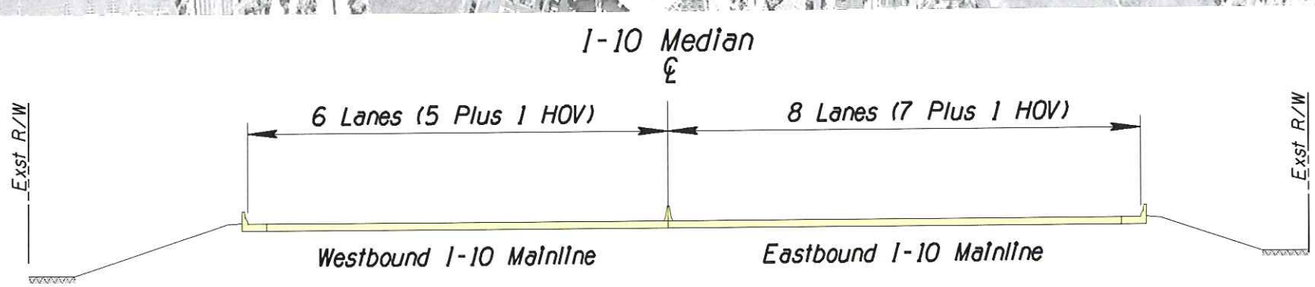




Roadway Section

APPENDIX C

DRAFT

	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

Alternative 4 Plan
On Interstate 10

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

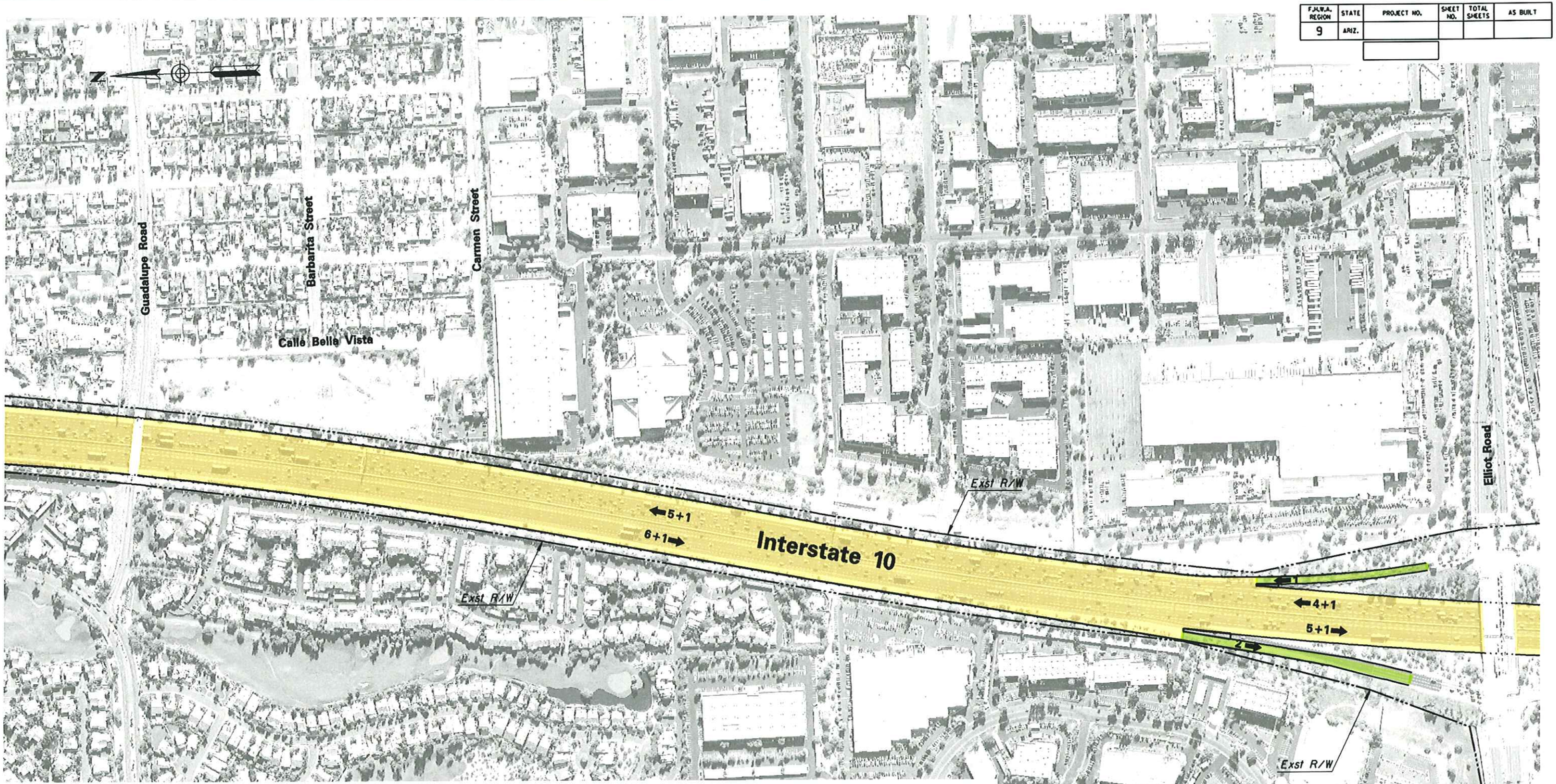
DWG. NO. 16 of 22
___ OF ___

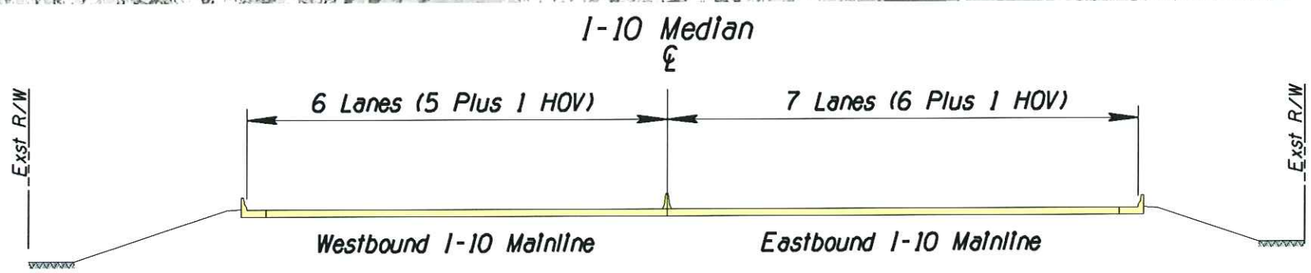
TRACS NO. H545401L

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

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cp113.dgn

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





Roadway Section

APPENDIX C

DRAFT

	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

Alternative 4 Plan
On Interstate 10

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

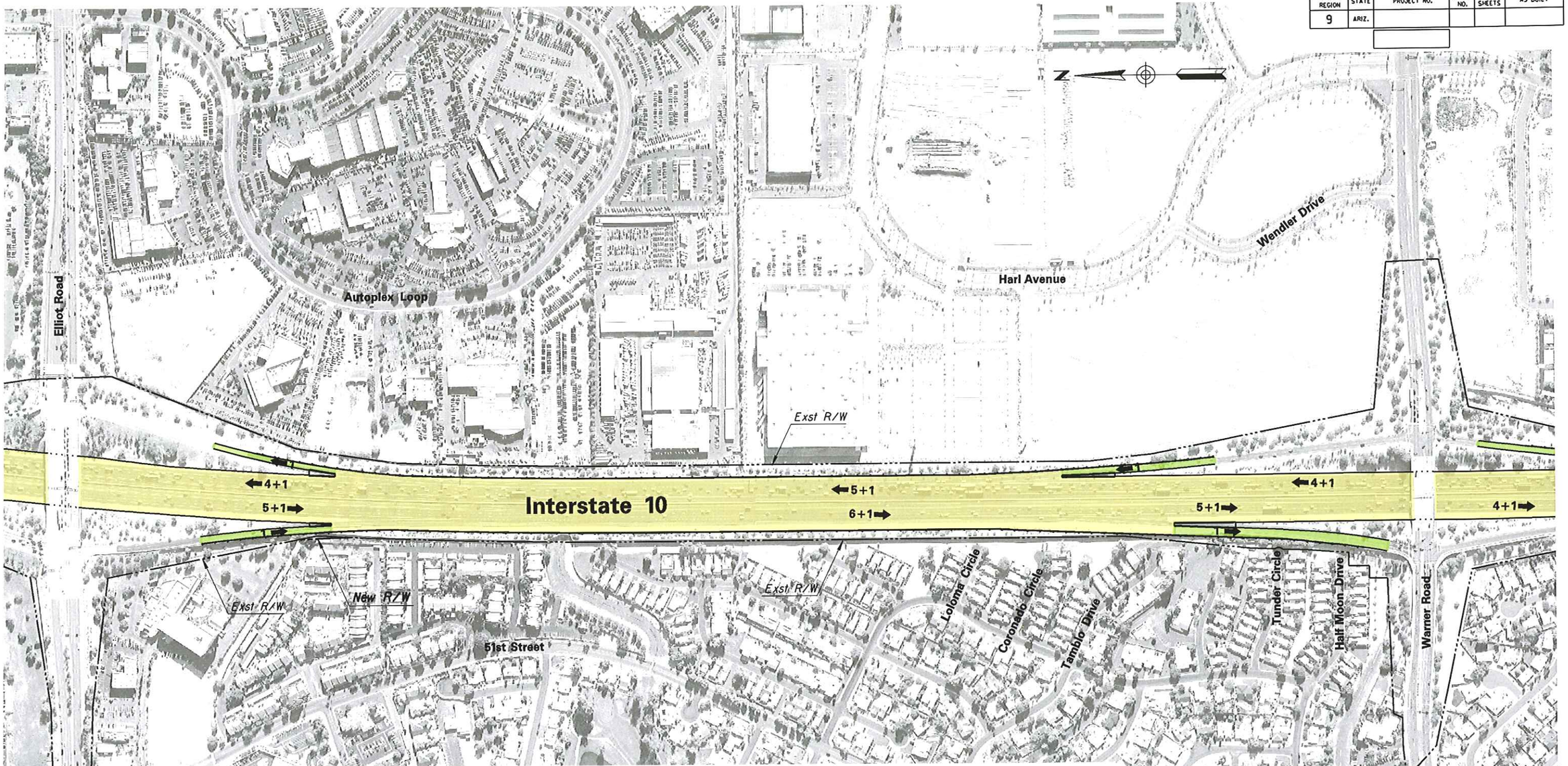
TRACS NO. H545401L

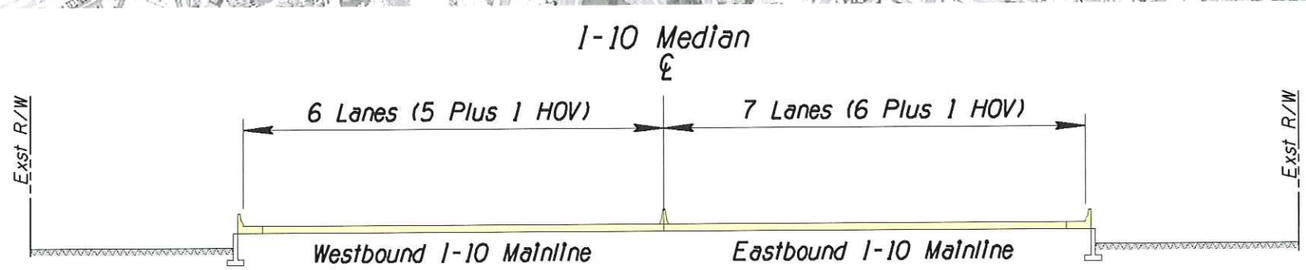
DWG. NO. 17 of 22
___ OF ___

3/14/2007 N:\5445\Prod\ASR\ALT4\5445cpl14.dgn

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

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





Roadway Section

APPENDIX C

	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

Alternative 4 Plan
On Interstate 10

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

TRACS NO. H545401L

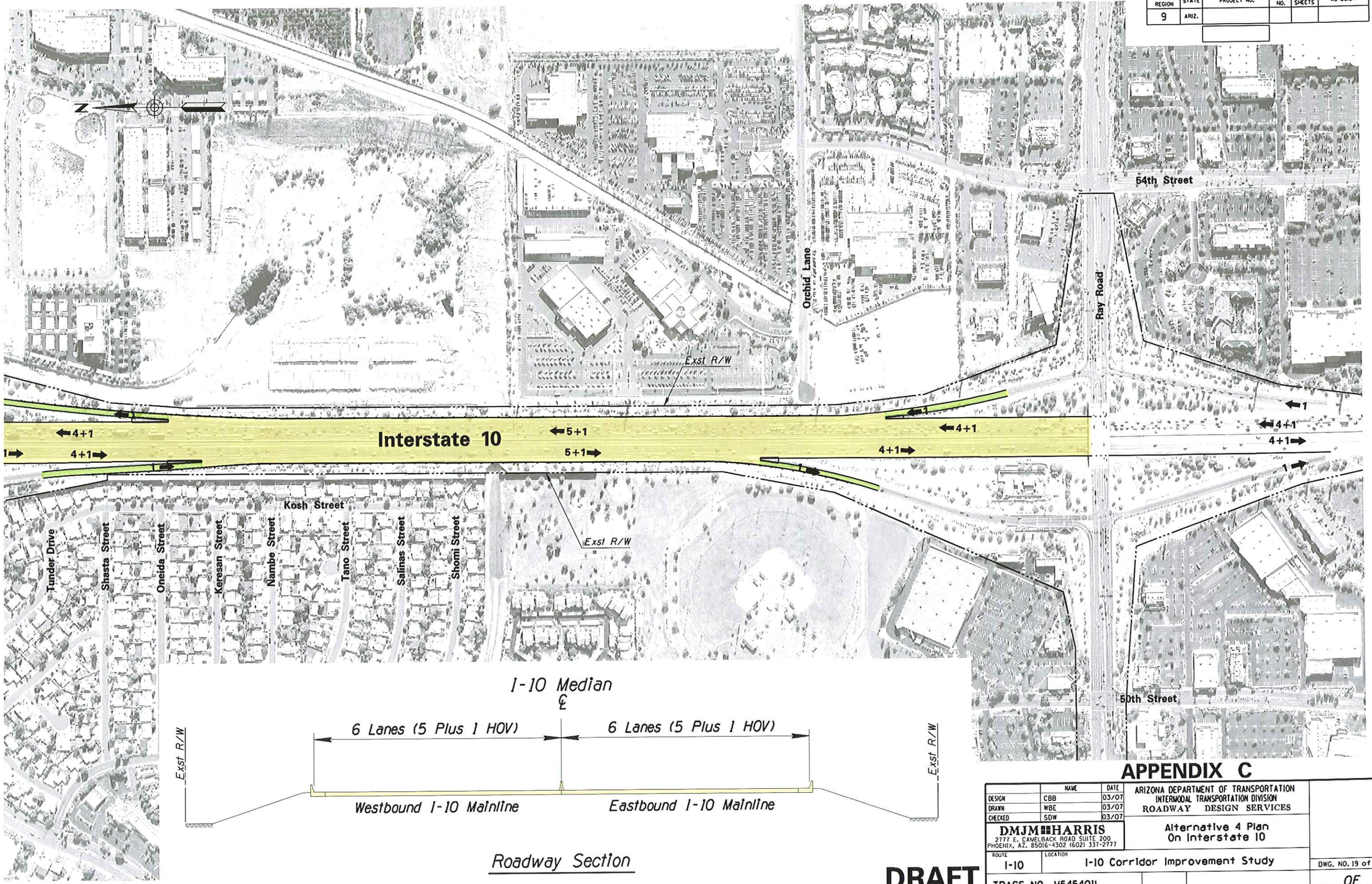
DWG. NO. 18 of 22
___ OF ___

DRAFT

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cp115.dgn

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

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



Roadway Section

APPENDIX C

DRAFT

	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

Alternative 4 Plan
On Interstate 10

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

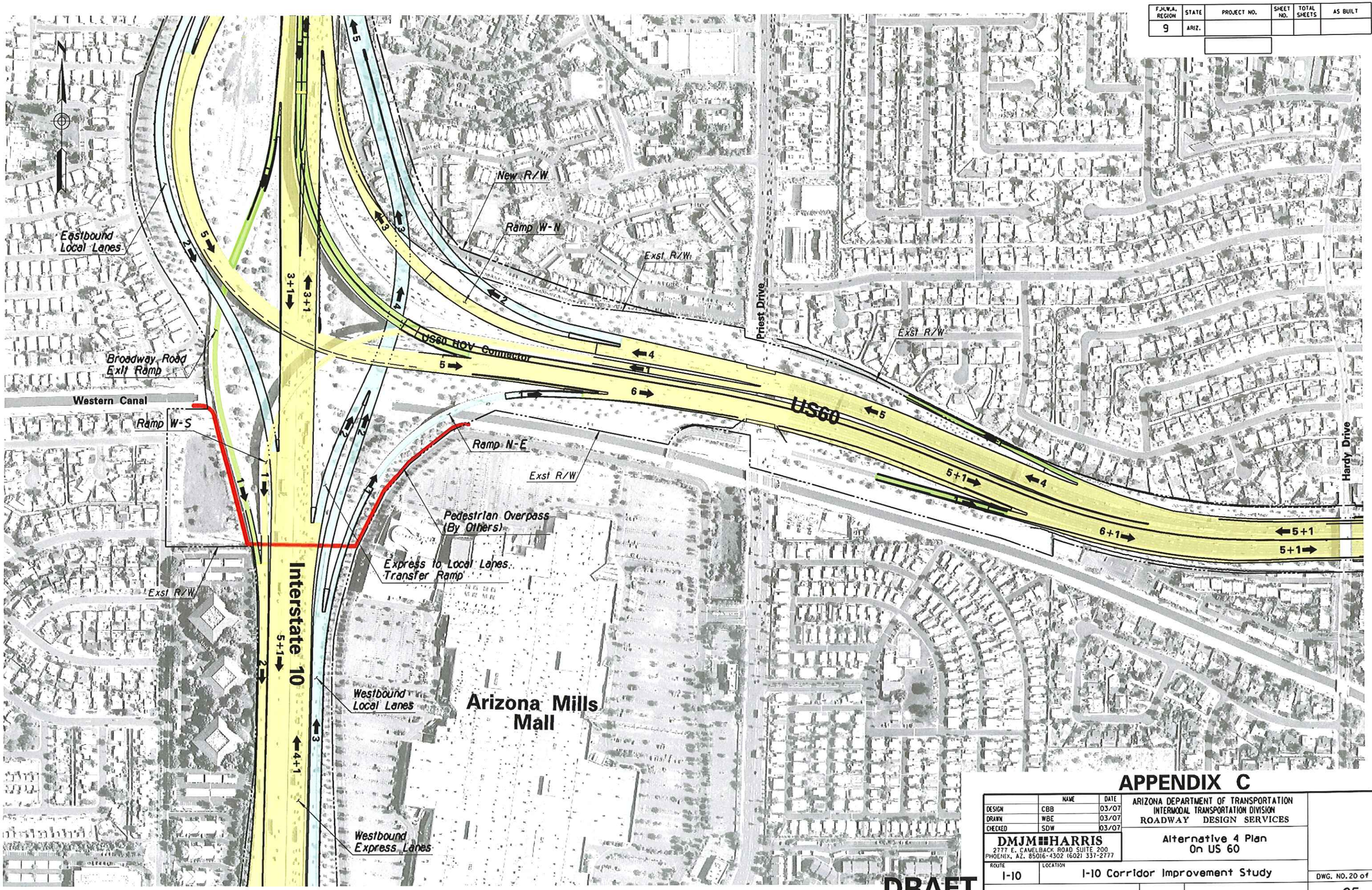
DWG. NO. 19 of 22
___ OF ___

TRACS NO. H545401L

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cp116.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 C

	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

Alternative 4 Plan
On US 60

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

DWG. NO. 20 of 22

TRACS NO. H545401L

___ OF ___

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

4/9/2007 N:\5445\Prod\ASR\ALT4\5445cp118.dgn

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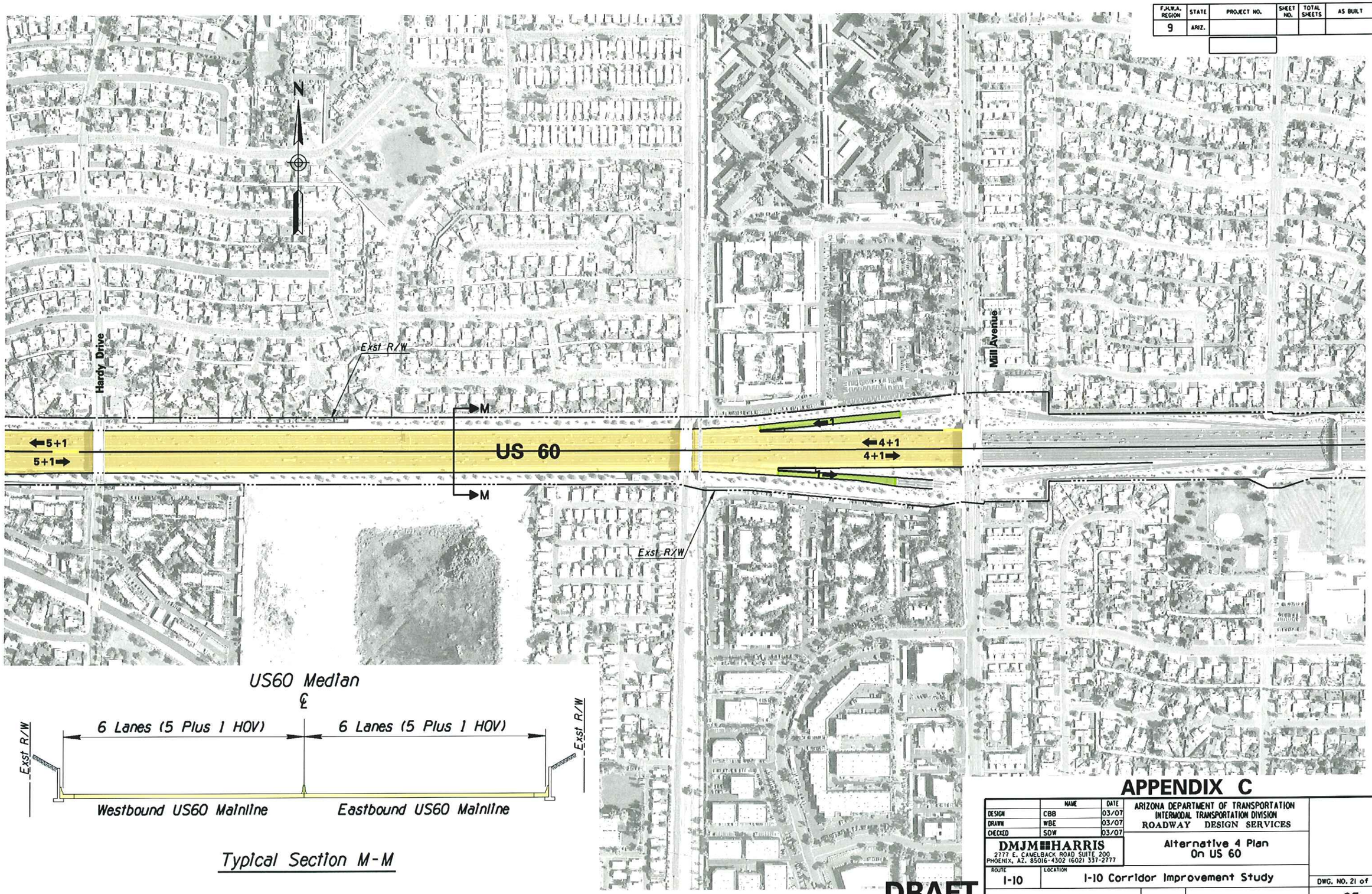


Typical Section M-M

DRAFT

APPENDIX C

	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

Alternative 4 Plan
On US 60

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

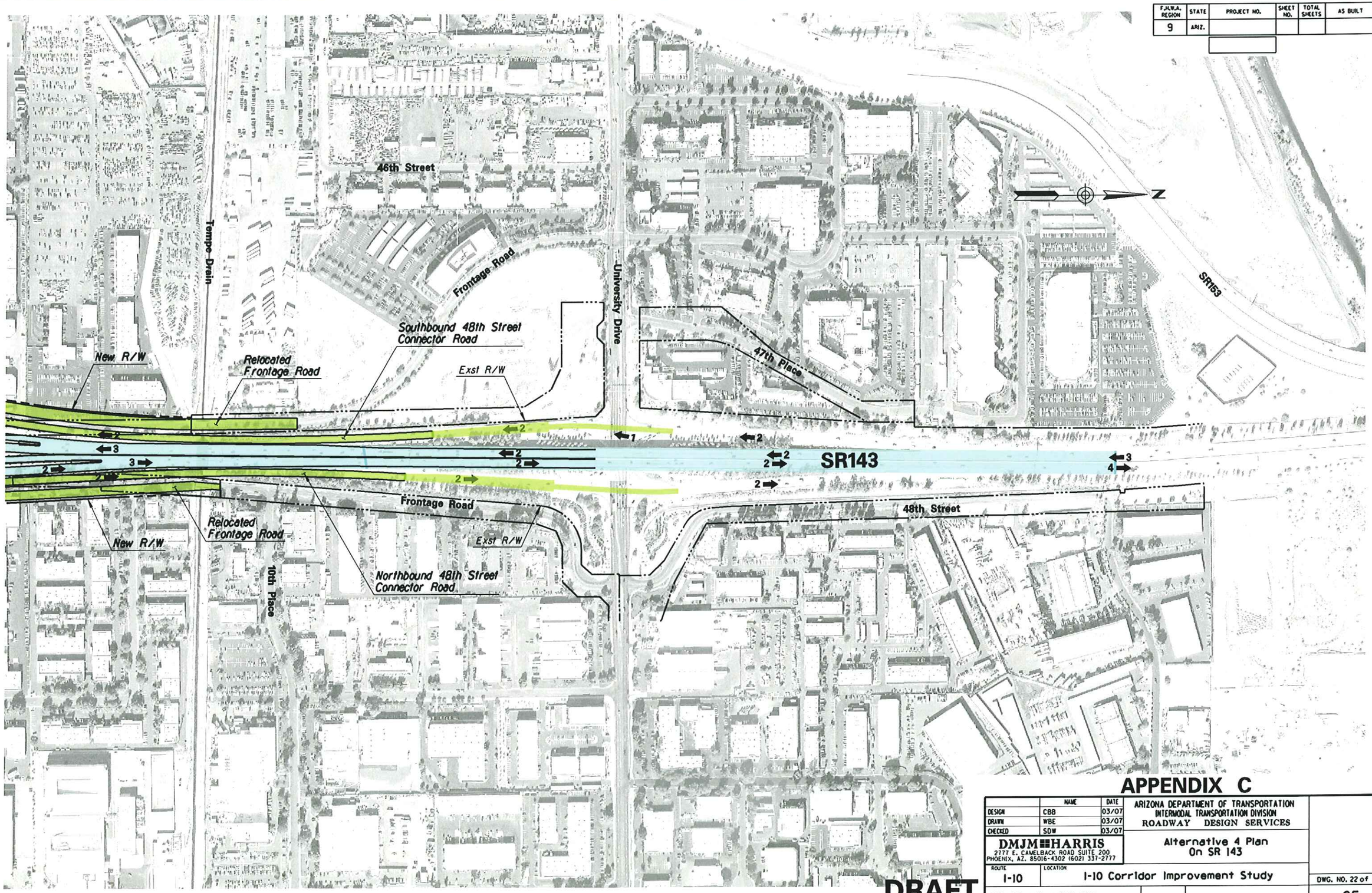
TRACS NO. H545401L

DWG. NO. 21 of 22
___ OF ___

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

3/14/2007 N:\5445\Prod\ASR\ALT4\5445cp119.dgn

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



DRAFT

APPENDIX C

	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

Alternative 4 Plan
On SR 143

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

TRACS NO. H545401L

DWG. NO. 22 of 22
___ OF ___

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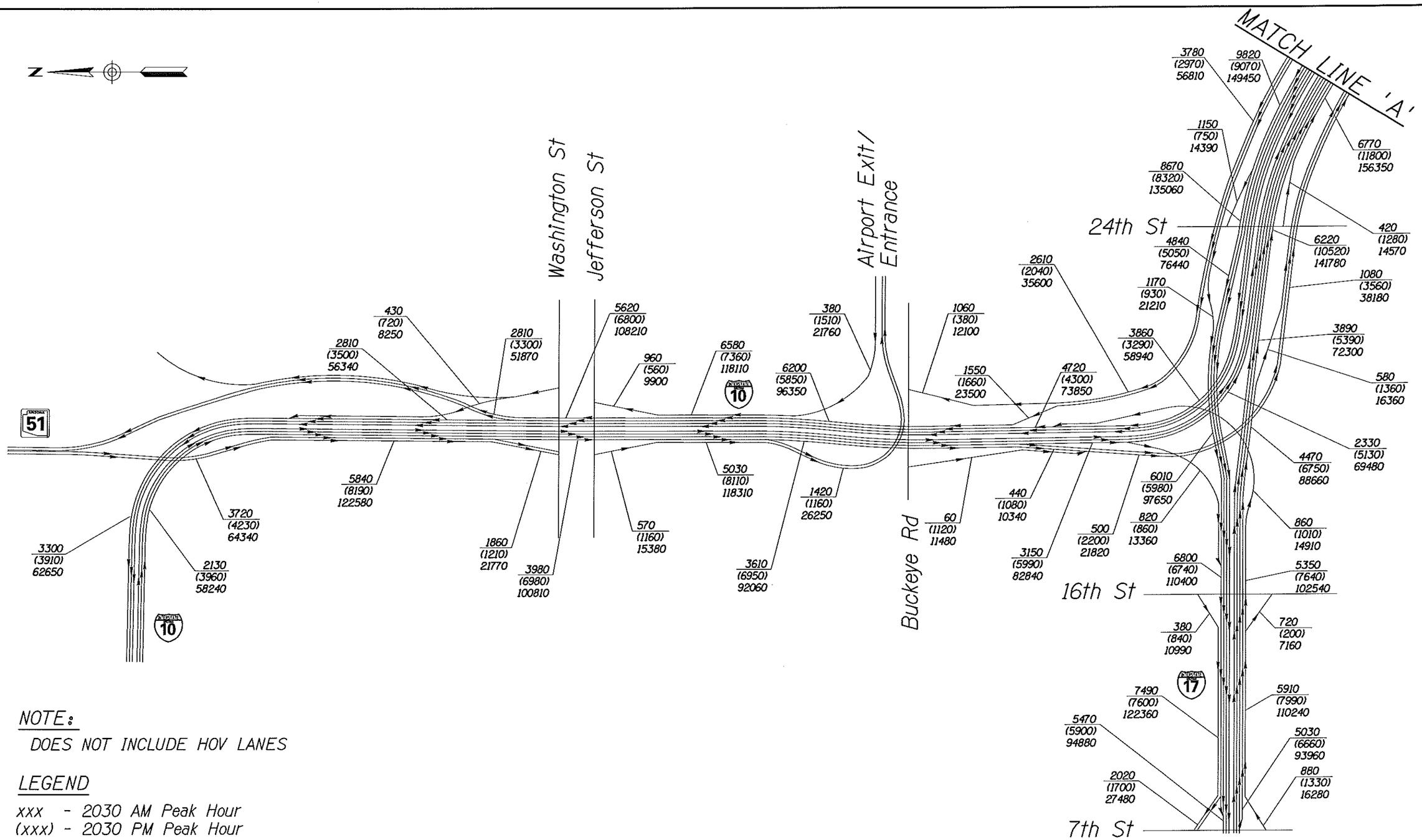

NOTE:

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 C
ALTERNATIVE 4
2030 TRAFFIC VOLUMES
SHEET 1 OF 5

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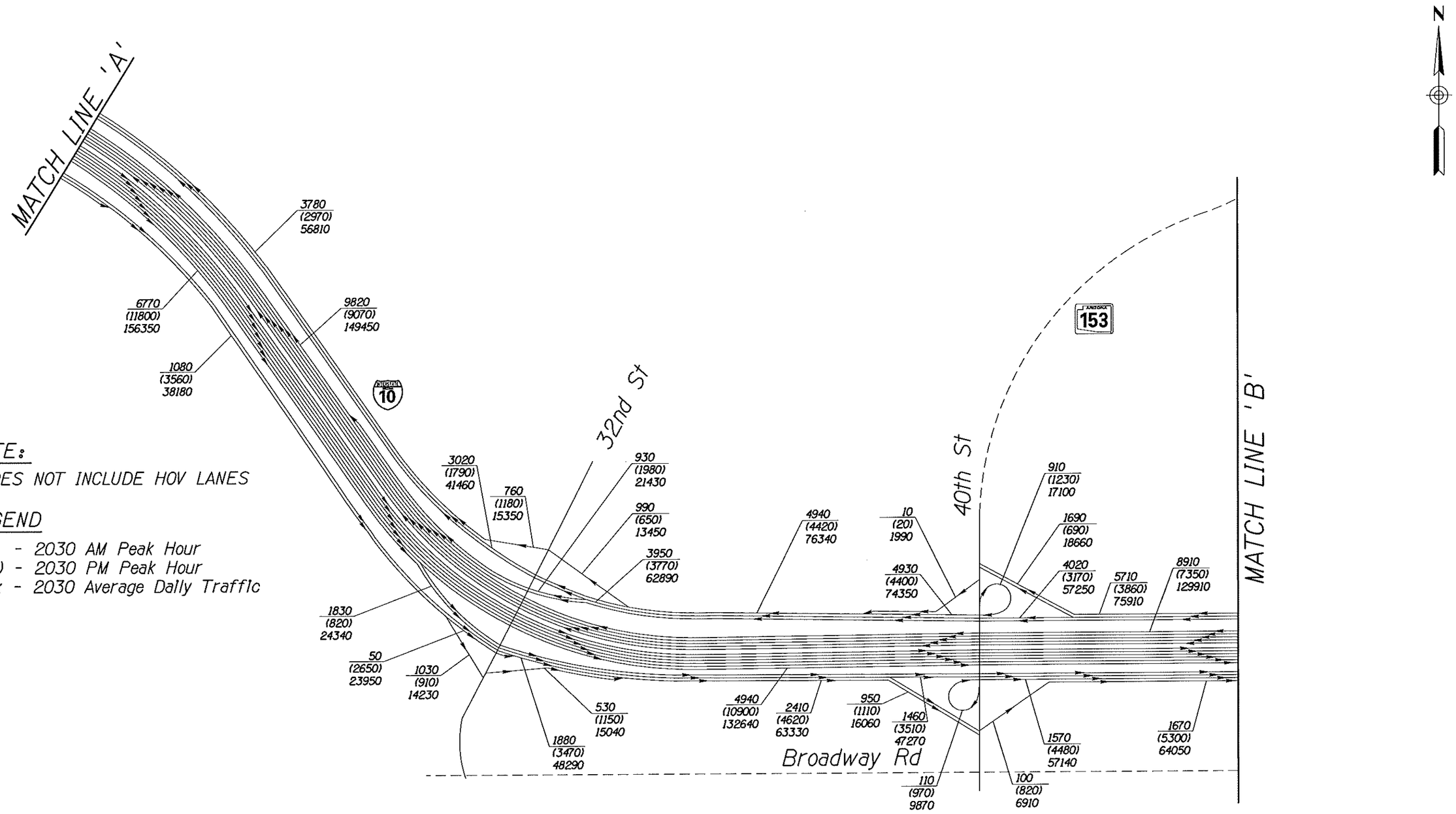
4/4/2007



NOTE:

DOES NOT INCLUDE HOV LANES

LEGEND

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

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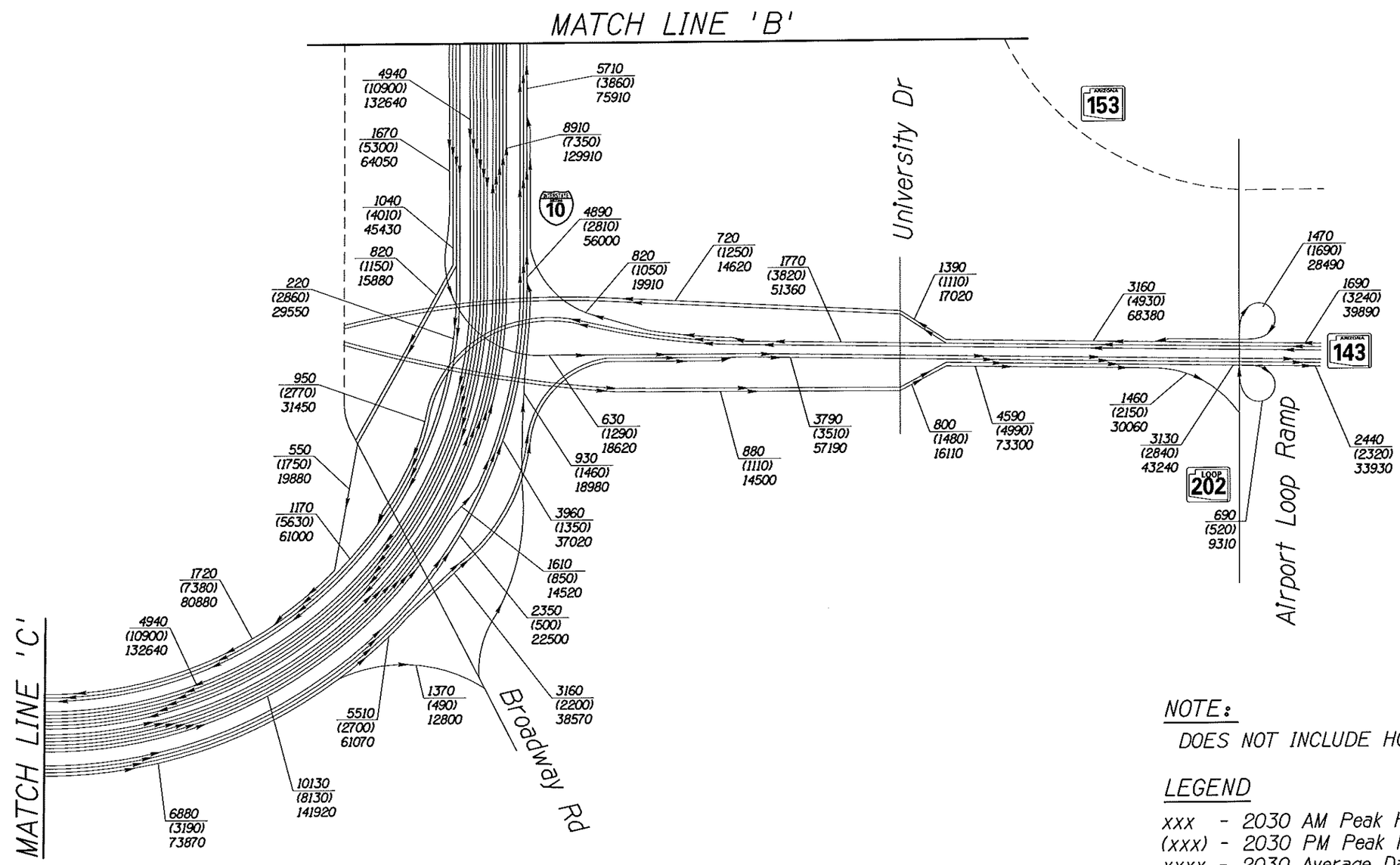
4/4/2007

I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 4
2030 TRAFFIC VOLUMES
SHEET 2 OF 5



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LEGEND

xxx - 2030 AM Peak Hour
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xxxx - 2030 Average Daily Traffic

I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

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APPENDIX C
ALTERNATIVE 4
2030 TRAFFIC VOLUMES
SHEET 3 OF 5

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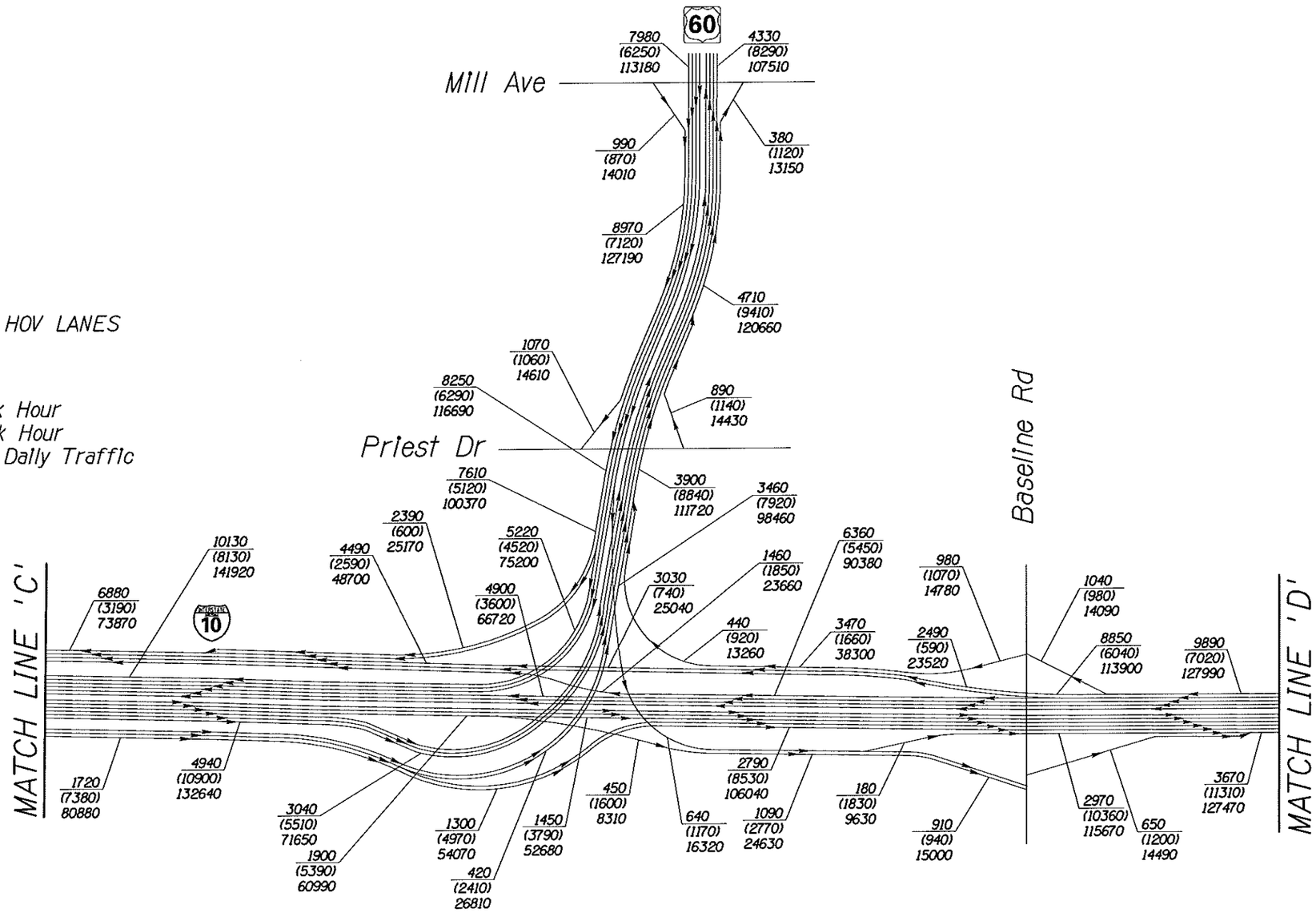
4/5/2007

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 C
ALTERNATIVE 4
2030 TRAFFIC VOLUMES
SHEET 4 OF 5

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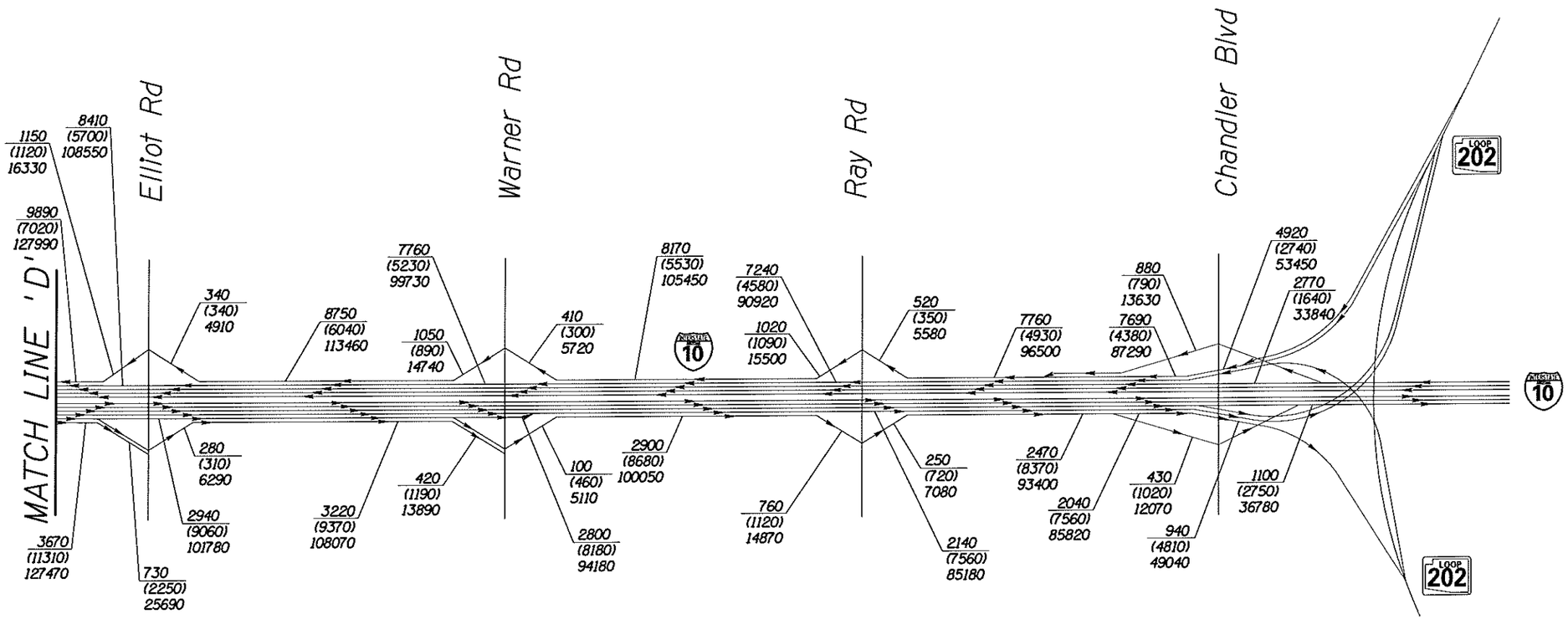
4/5/2007



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 C
ALTERNATIVE 4
2030 TRAFFIC VOLUMES
SHEET 5 OF 5

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4/5/2007

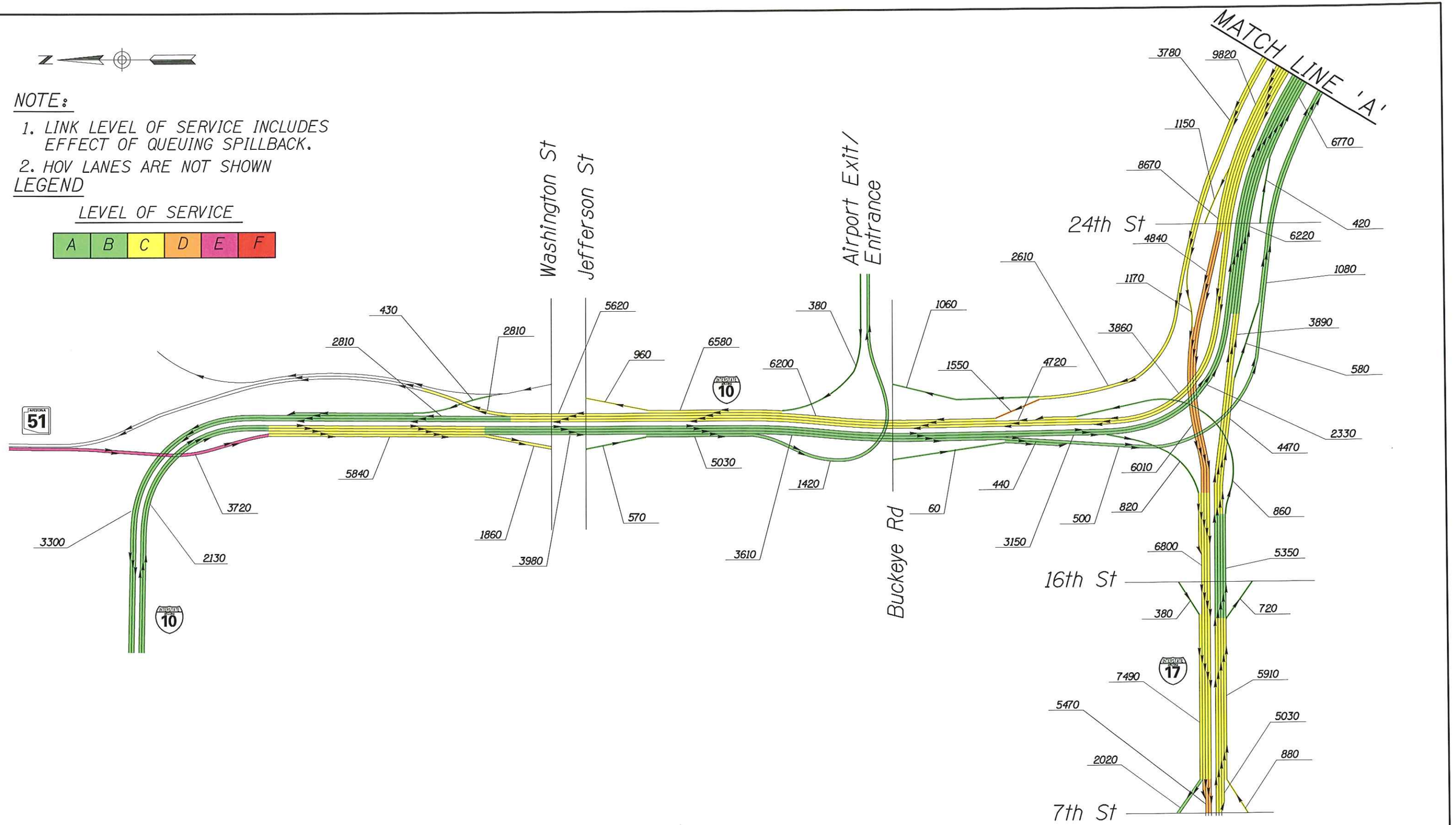
NOTE:

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 C
ALTERNATIVE 4
2030 AM LEVEL OF SERVICE
SHEET 1 OF 5

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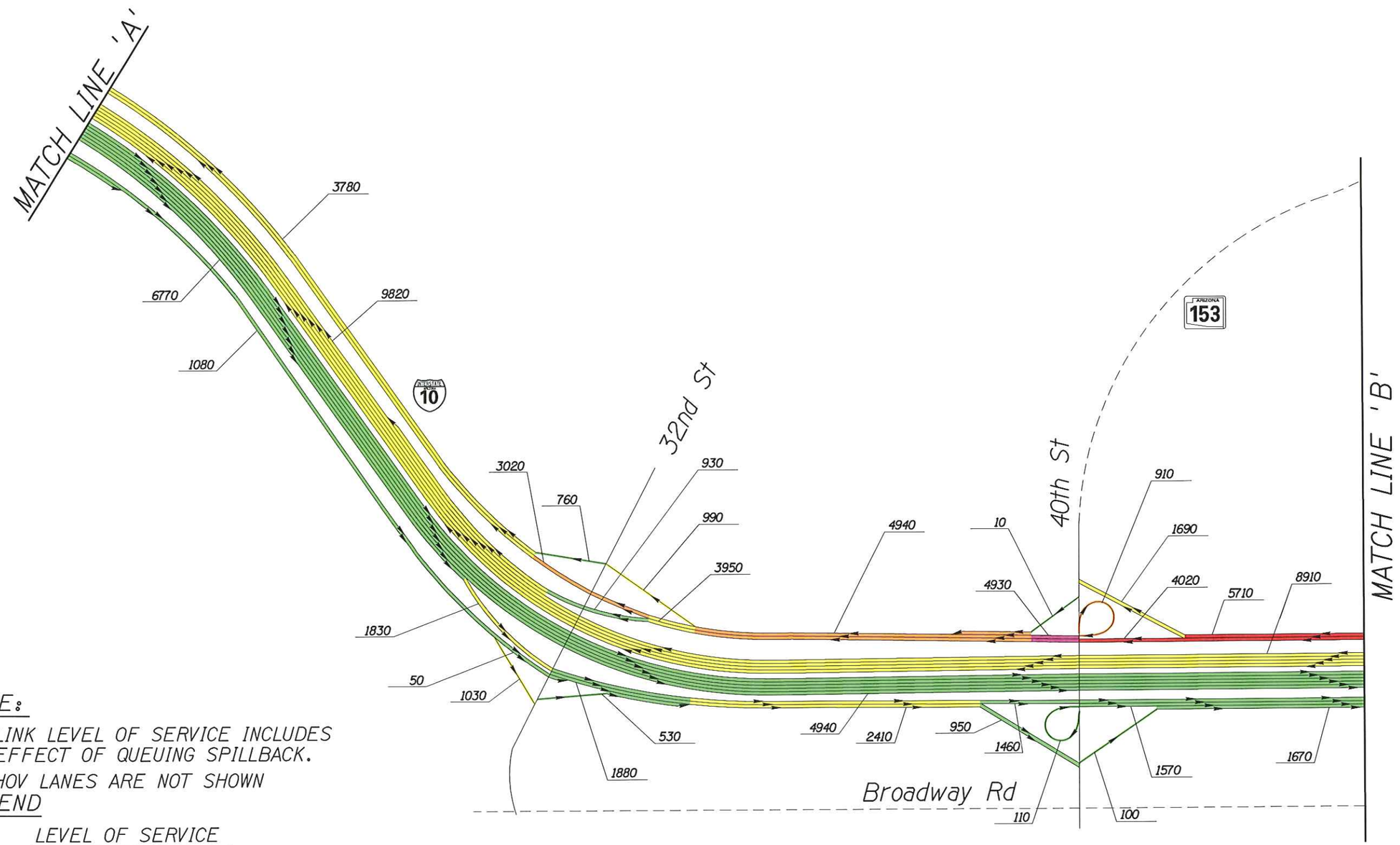
4/6/2007



NOTE:

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LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F

I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

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APPENDIX C
ALTERNATIVE 4
2030 AM LEVEL OF SERVICE
SHEET 2 OF 5

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4/6/2007

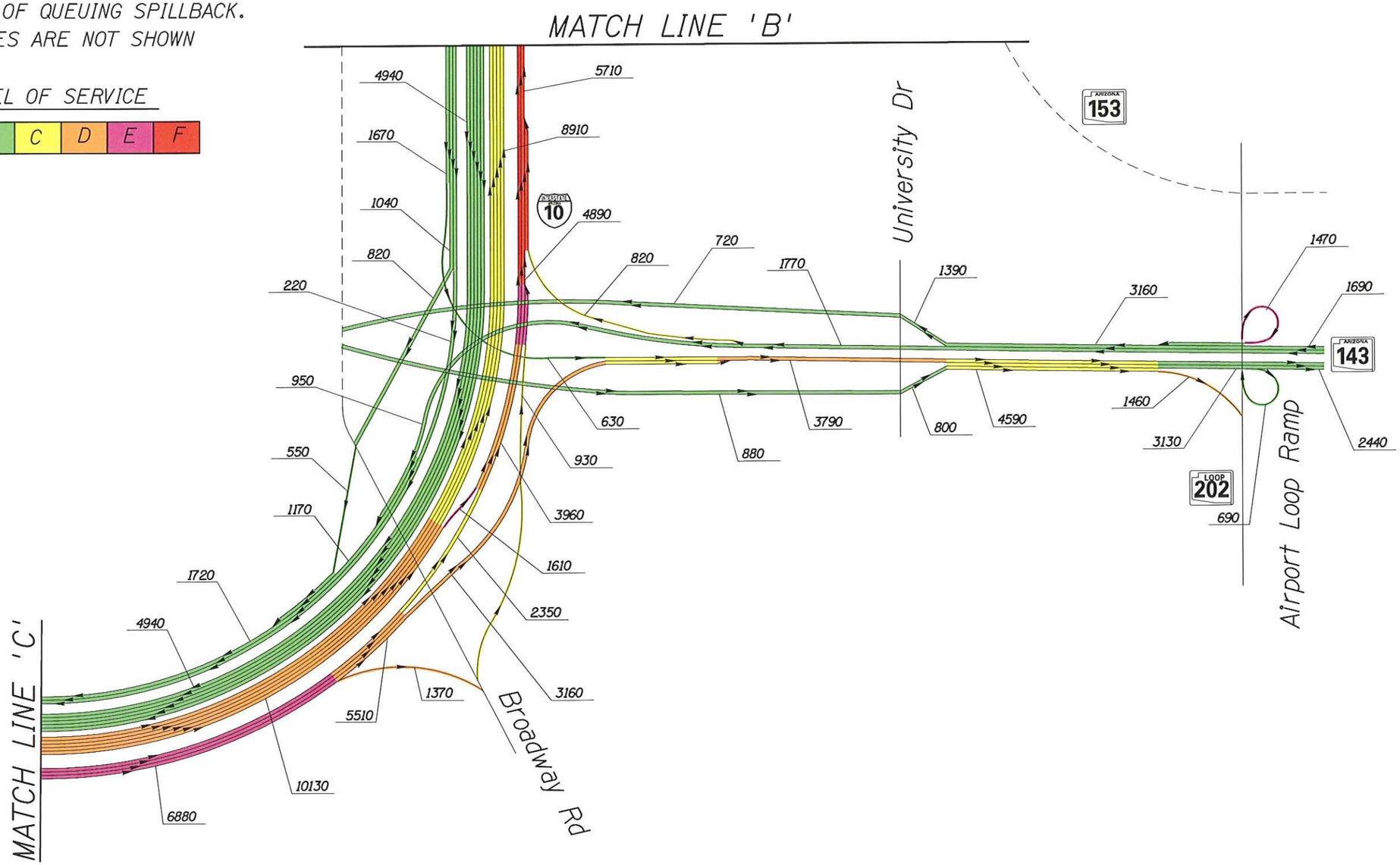
NOTE:

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

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APPENDIX C
ALTERNATIVE 4
2030 AM LEVEL OF SERVICE
SHEET 3 OF 5

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4/6/2007

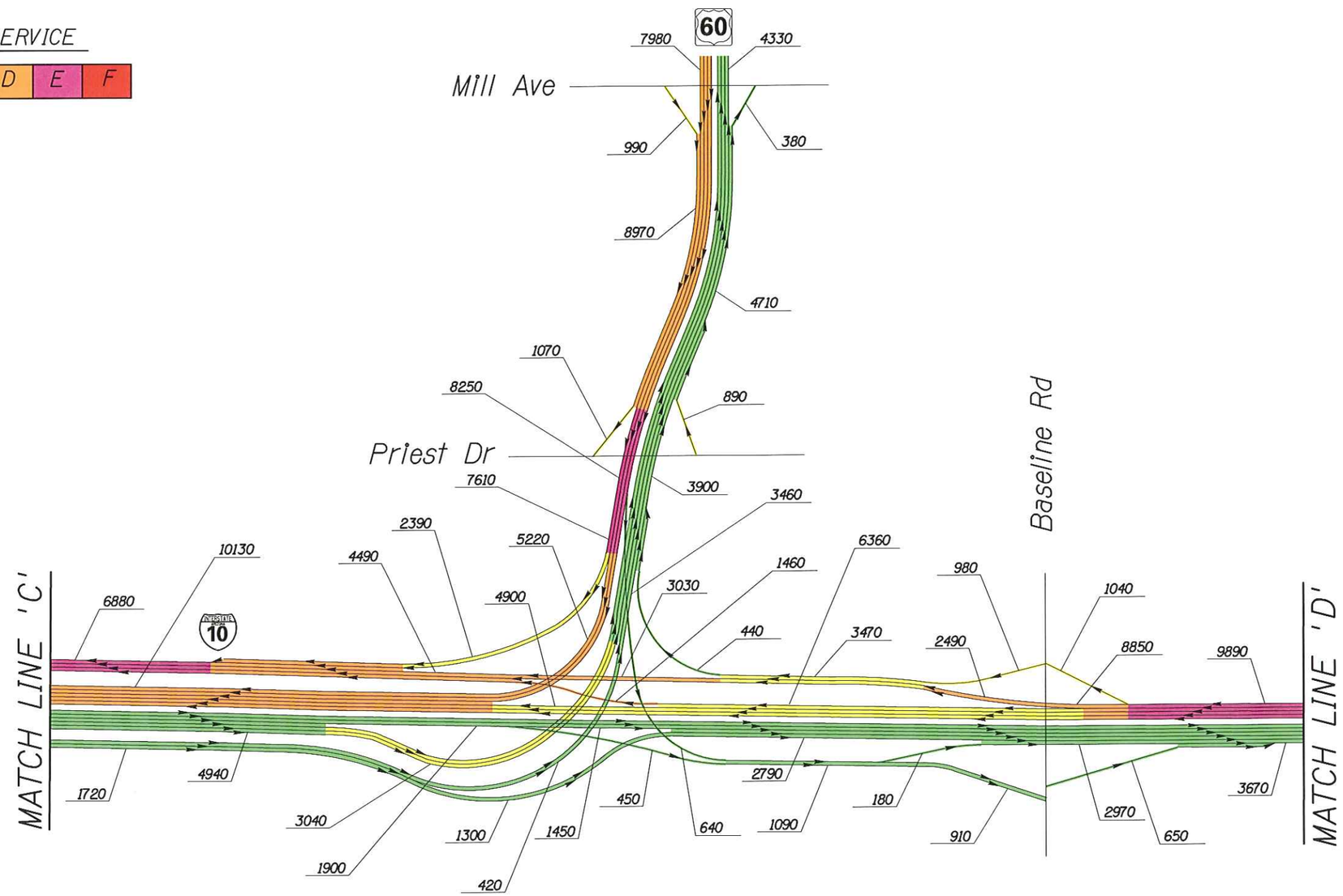
NOTE:

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

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APPENDIX C
ALTERNATIVE 4
2030 AM LEVEL OF SERVICE
SHEET 4 OF 5

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4/6/2007

NOTE:

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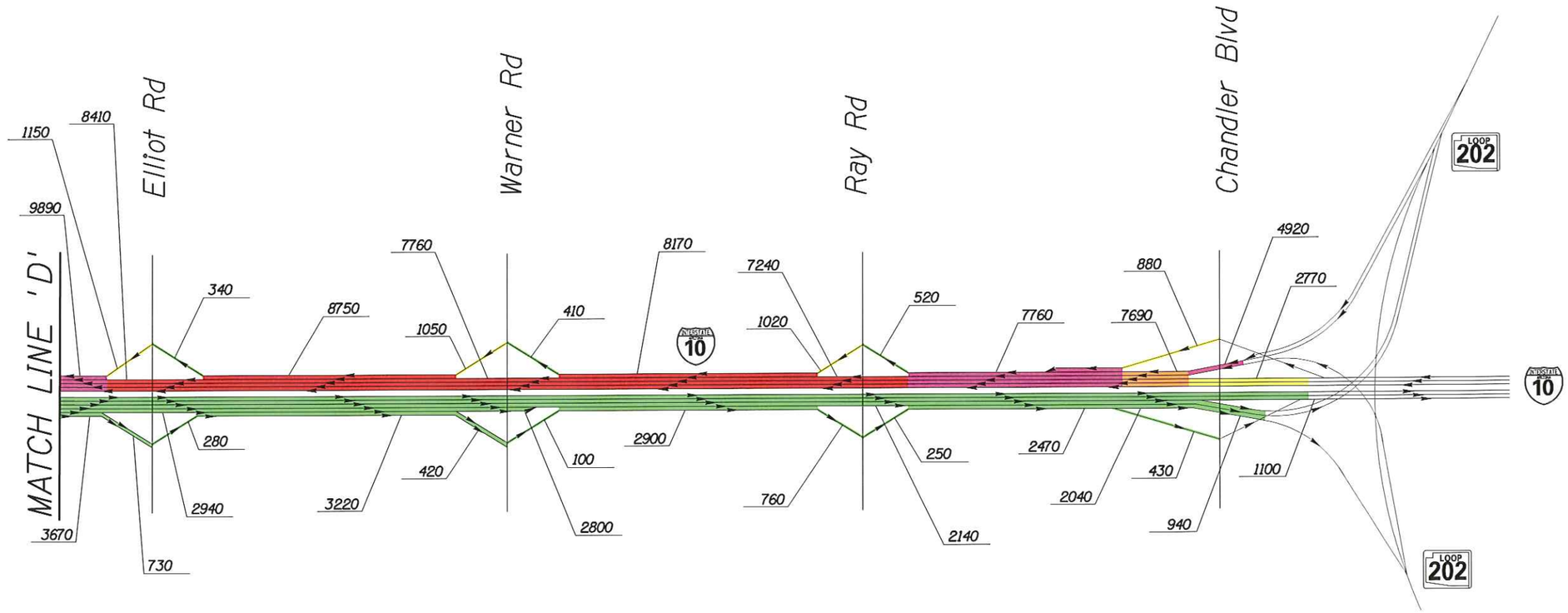
LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 4
2030 AM LEVEL OF SERVICE
SHEET 5 OF 5

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4/6/2007

NOTE:

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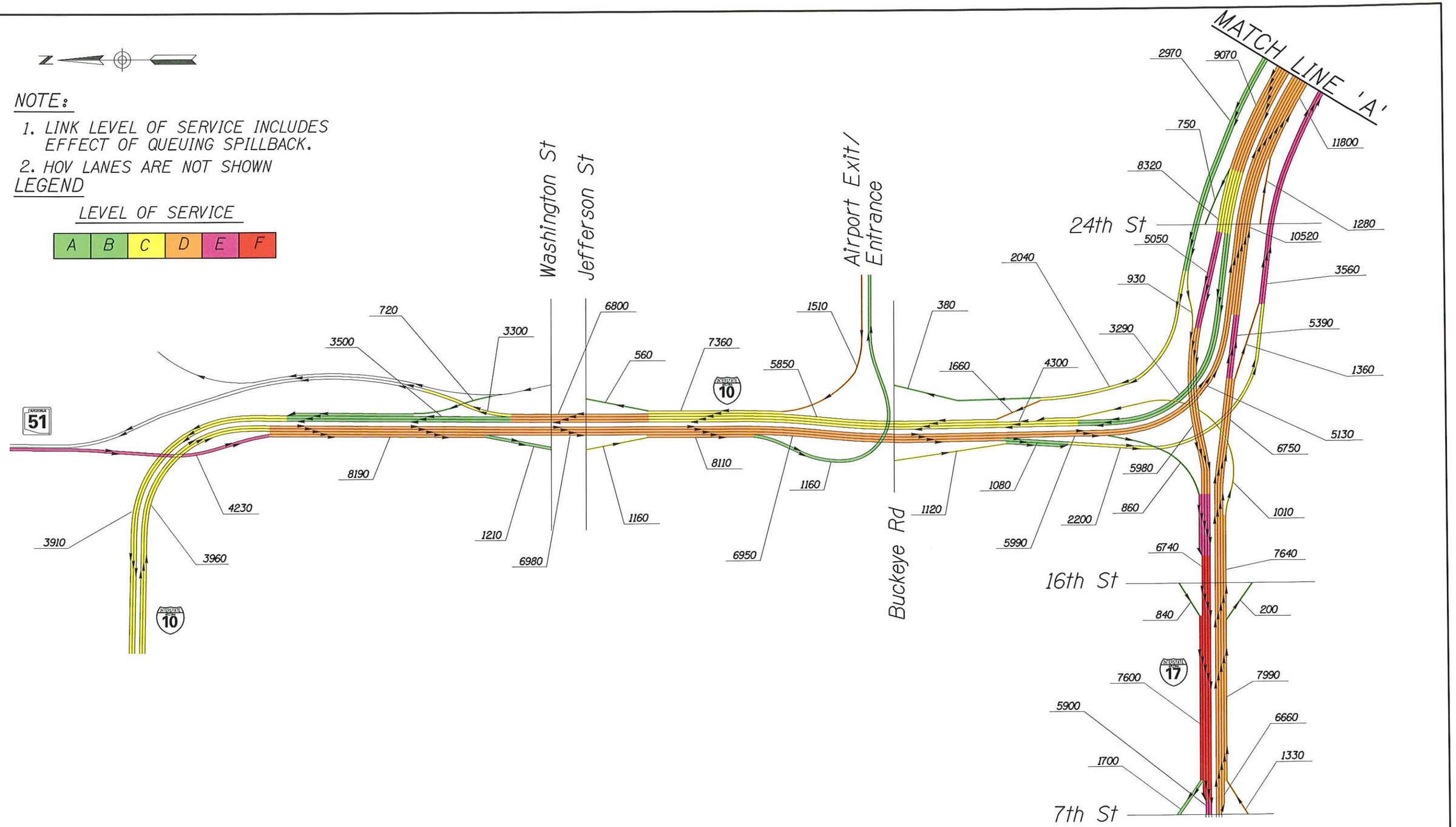
LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 4
2030 PM LEVEL OF SERVICE
SHEET 1 OF 5

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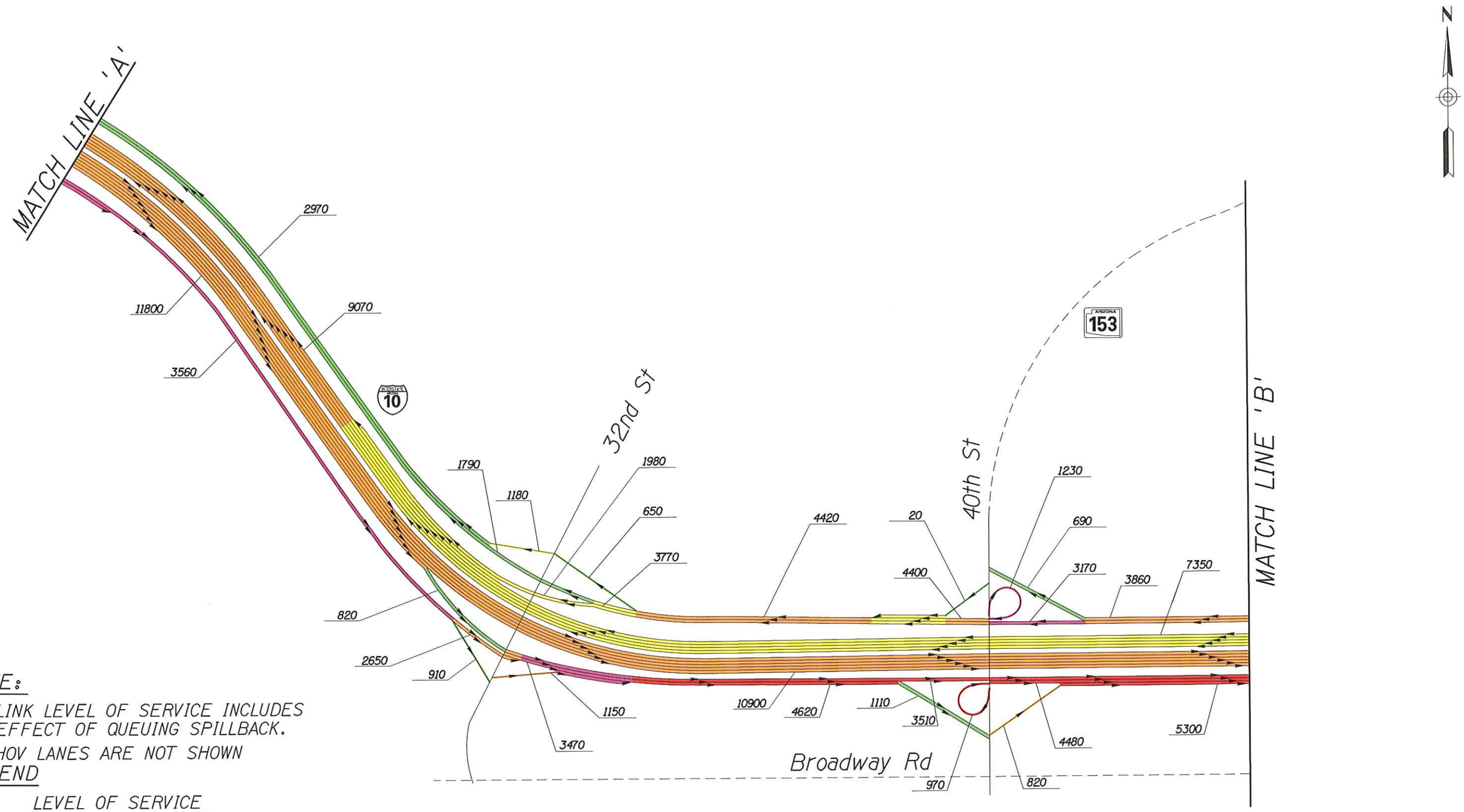
4/6/2007



NOTE:

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LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F

I-10 CORRIDOR IMPROVEMENT STUDY

DMJM HARRIS | AECOM

NOT TO SCALE - SCHEMATIC ONLY

APPENDIX C
ALTERNATIVE 4
2030 PM LEVEL OF SERVICE
SHEET 2 OF 5

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4/6/2007

NOTE:

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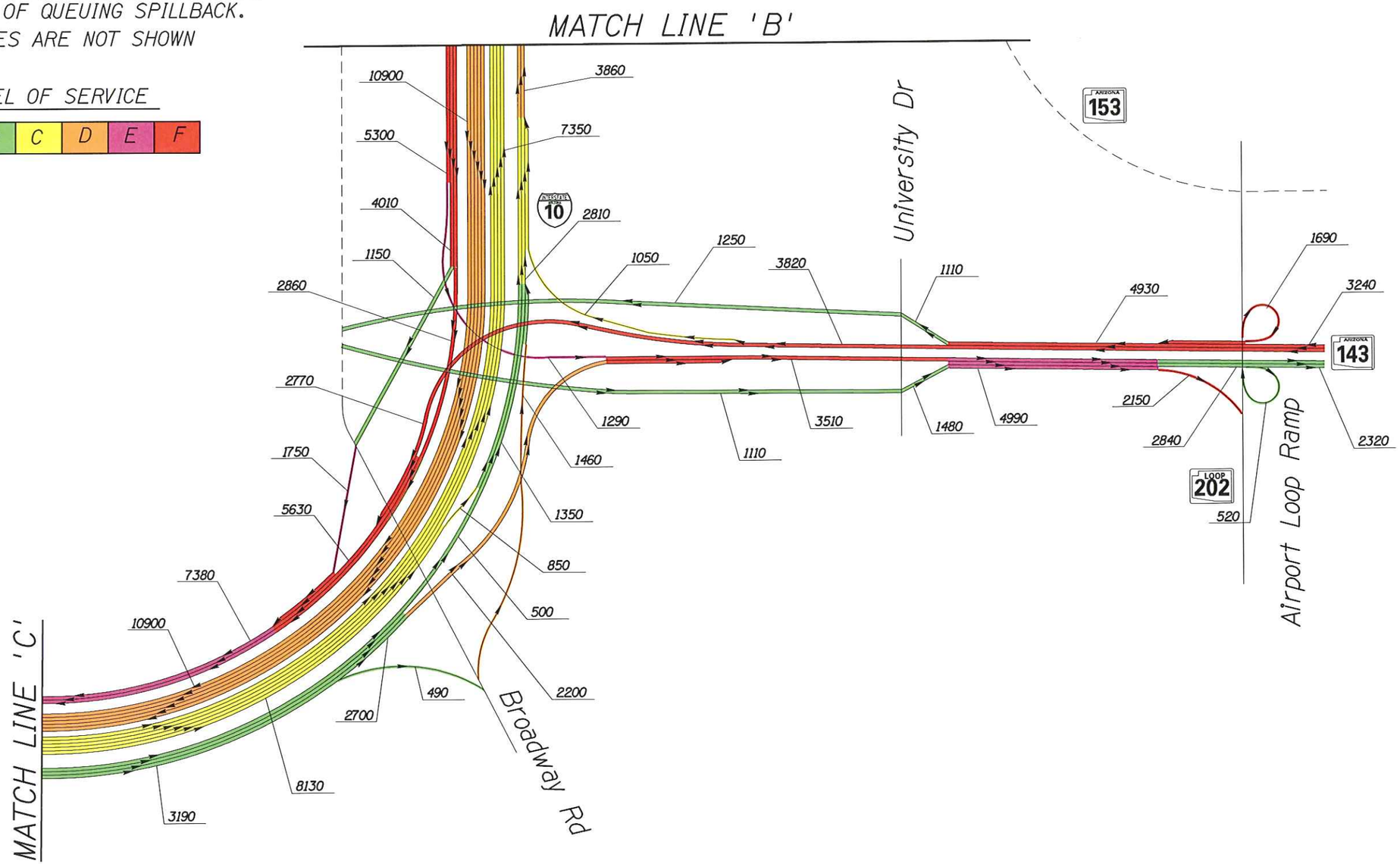
LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



I-10 CORRIDOR IMPROVEMENT STUDY

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APPENDIX C
ALTERNATIVE 4
2030 PM LEVEL OF SERVICE
SHEET 3 OF 5

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4/6/2007

NOTE:

1. LINK LEVEL OF SERVICE INCLUDES EFFECT OF QUEUING SPILLBACK.
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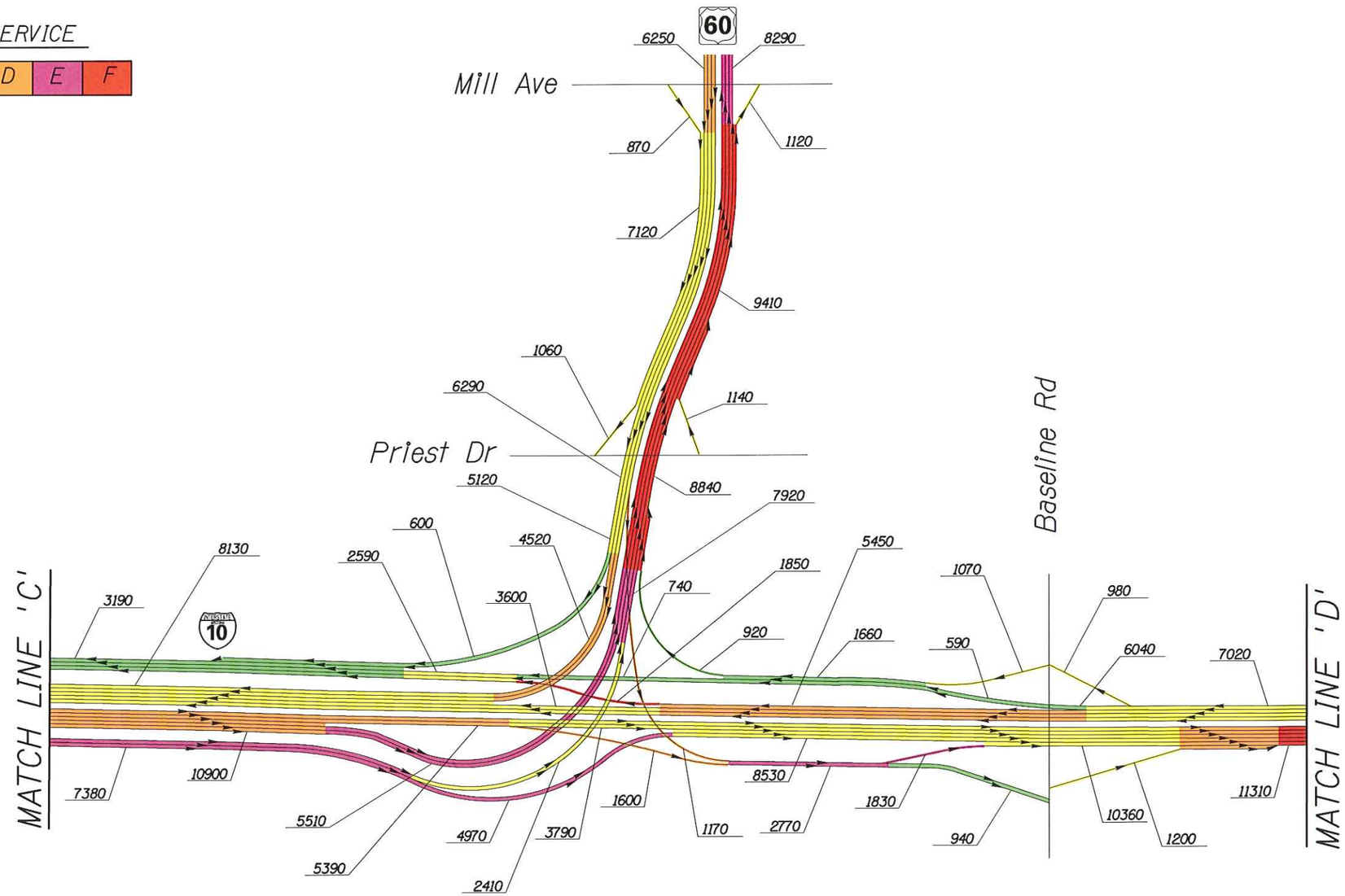
LEGEND

LEVEL OF SERVICE

A	B	C	D	E	F



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APPENDIX C
ALTERNATIVE 4
2030 PM LEVEL OF SERVICE
SHEET 4 OF 5

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LEVEL OF SERVICE

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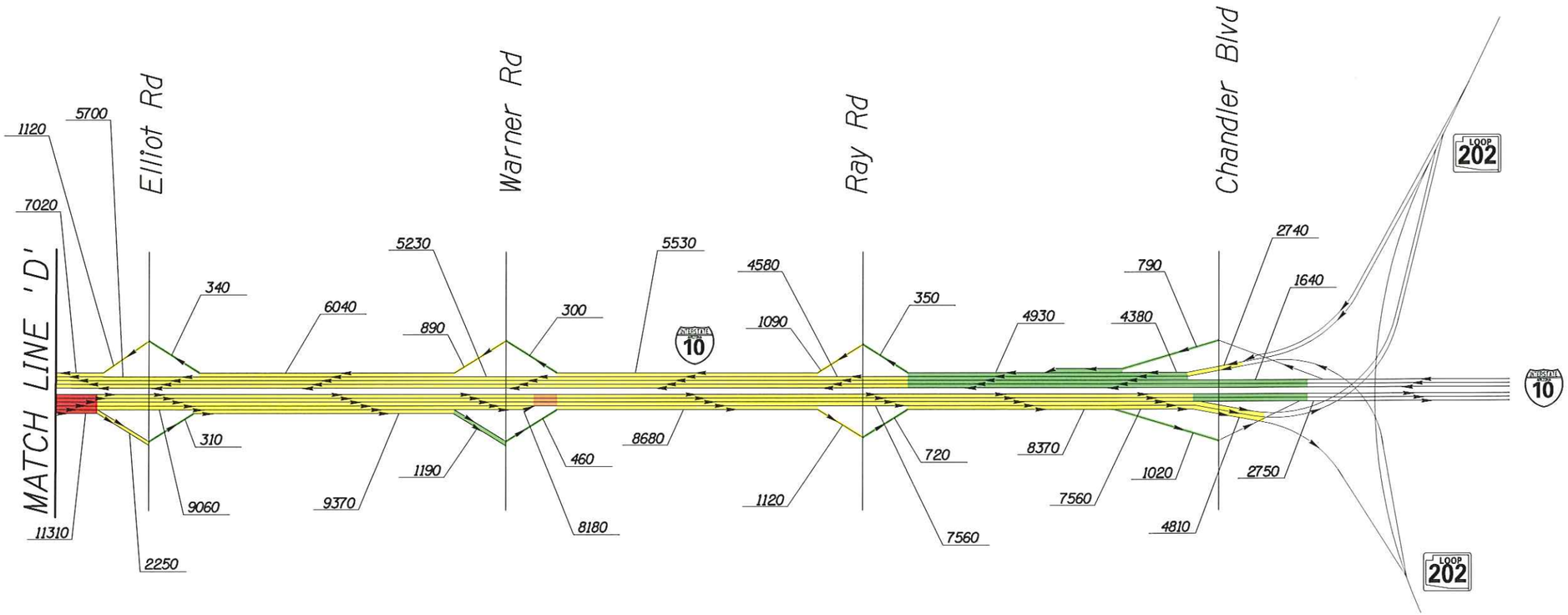

I-10 CORRIDOR IMPROVEMENT STUDY

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APPENDIX C
ALTERNATIVE 4
2030 PM LEVEL OF SERVICE
SHEET 5 OF 5

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4/6/2007