Initial Alternatives Identification and Evaluation Report

November 2011

APPENDIX E

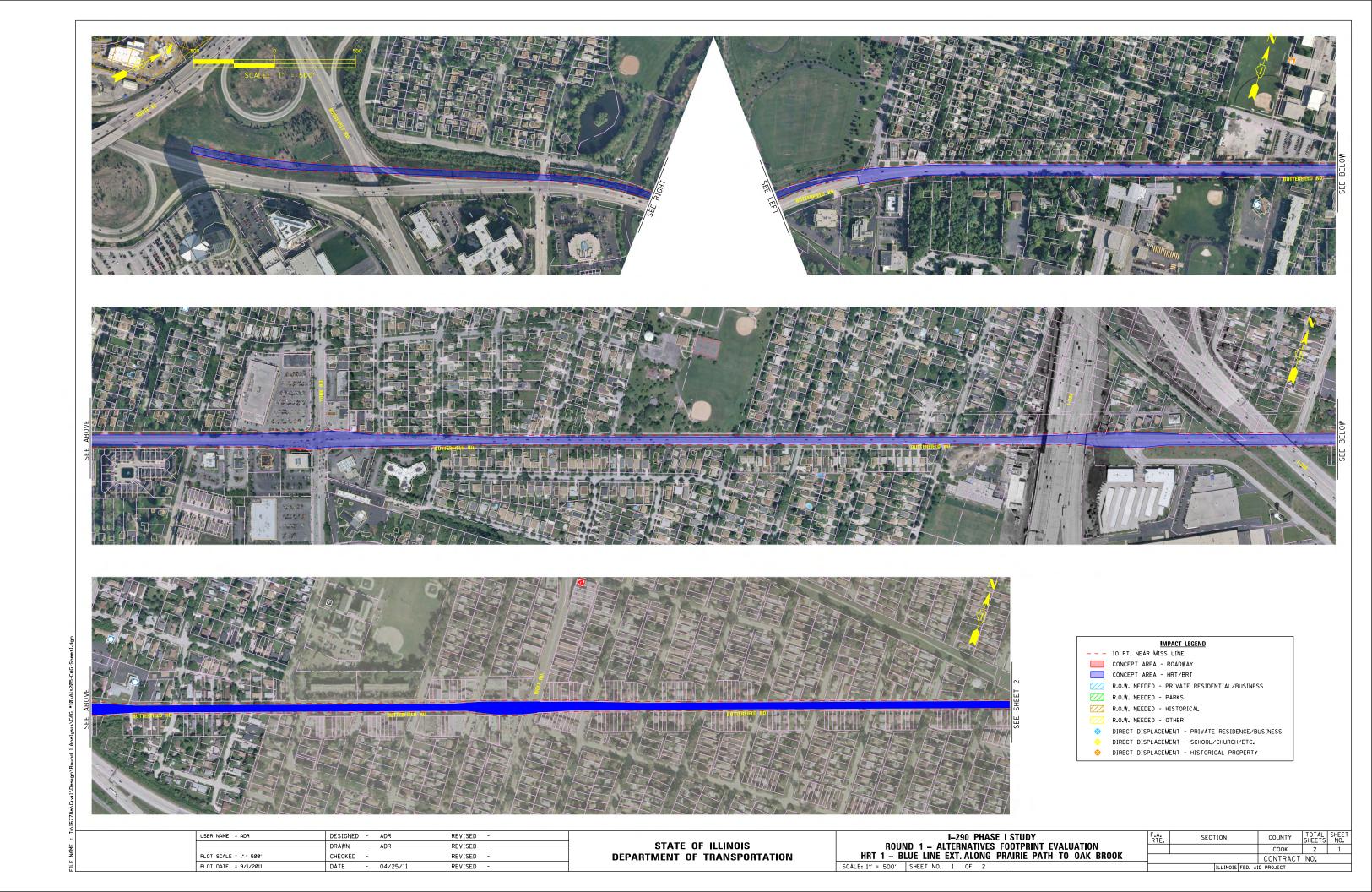
Single Mode Alternatives Footprint Evaluation

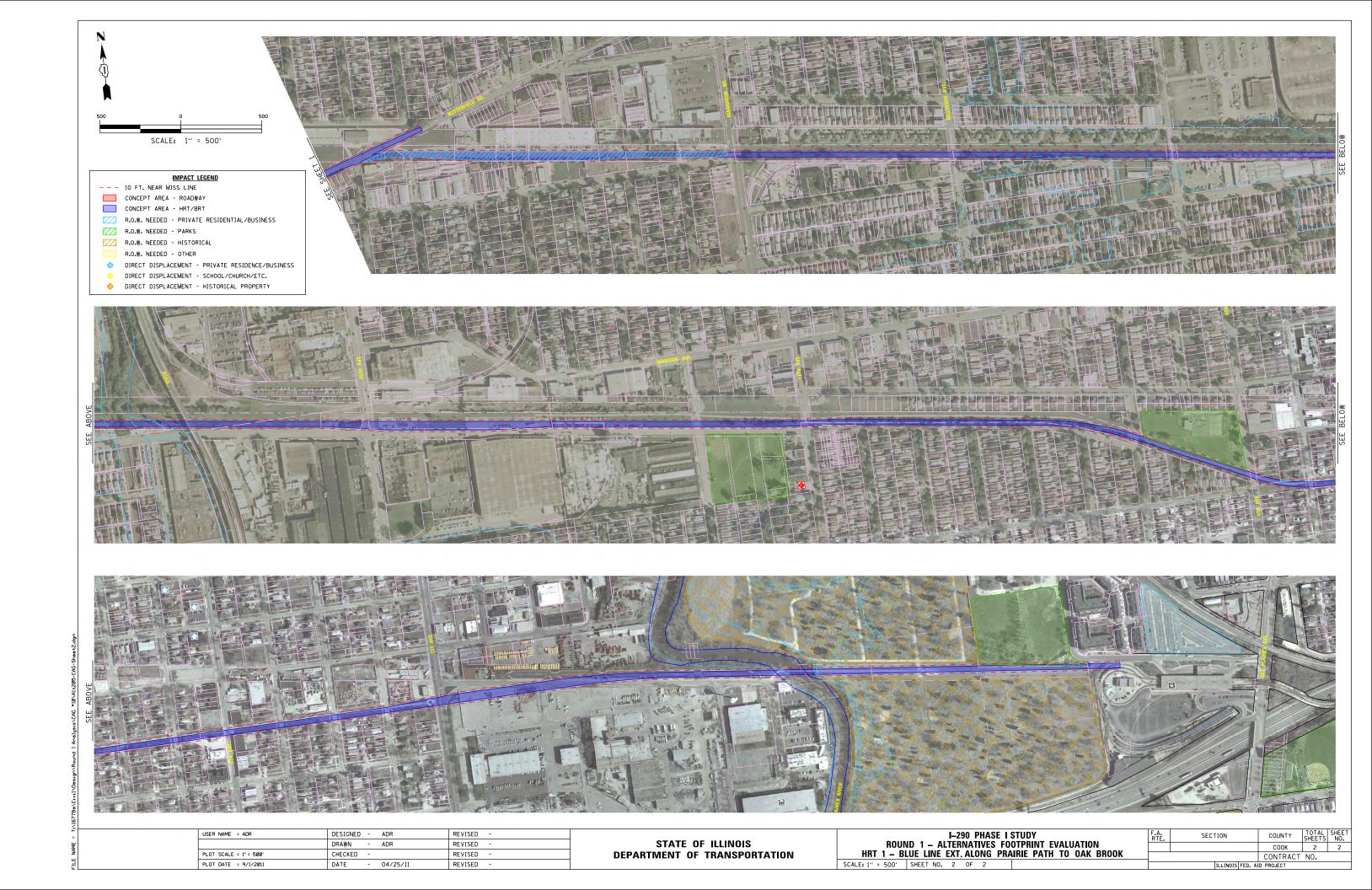
Roun	d 1 -	se I Study Alternatives Footprint Evalu ne DesPlaines River)			ension	Express Bus		Bus Rap		sit (BRT)		GP add Lane	2	+ Occupar		Lanes	+ Occupar	nts	HOT Lanes		Toll Lanes		Arterials		
NOTE: A alignme footprindue to la availabi sensitiva	Alternations that the control of Ce design	•	native time h the	Blue Line Ext. Along Prairie Path to Oak Brook	Blue Line Ext. Along I-290 to Oak Brook	Blue Line Ext. Along I-290 to Mannheim (Short)	Express Buses to Forest Park	BRT Along Prairie Path, Oak Brook to Forest Park	BRT Along I-290, Oak Brook to Forest Park	BRT - Oak Brook to Cicero Ave. (CTA Overlap)	BRT - Oak Brook to Ashland Ave. (Blue Line Conversion)	BRT - Forest Park CTA Terminal to Lombard	General Purpose Add Lane	HOV 2+ I-88 to Racine Ave (Long)	HOV 2+ Oak Brook to Central Ave.	HOV 2+ Oak Brook to Racine Ave.	HOV 3+ from I-88 to Racine (Long)	HOV 3+ Oak Brook to Central Ave.	HOV 3+ Oak Brook to Racine Ave.	HOT 3+ Oak Brook to Central Ave.	HOT 3+ Oak Brook to Racine	Toll Existing I-290 Lanes (I-88 to Cicero)	Toll 1-290 with an Add Lane (I- 88 to Cicero)	Roosevelt and Madison Improvements - Without Parking	Roosevelt and Madison Improvements - With Parking
P&N	Point	Measure	Unit	HRT 1	HRT 2	HRT 3	EXP	BRT 1	BRT 2	BRT 3	BRT 4	BRT 5	GP LANE	HOV 2L	HOV 2W	HOV 2LL	HOV 3L	HOV 3W	HOV 3LL	HOT 1	HOT 2	TOL 1	TOL 2	ART 1	ART 2
		Residential/Business	Acres	2.11	3.87	0.72	0.00	2.11	3.87	3.64	3.87	6.55	0.53	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.00	0.53	8.92	21.88
Footprint Screening (Corridor Level Evaluation)	Nay	Parks	Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.63
vel Eval	ht of \	Historical	Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
idor Lev	Rig	Other	Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.85	2.98
g (Corr		ROW Total	Acres	2.11	3.87	0.72	0.00	2.11	3.87	3.64	3.87	6.55	0.53	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.00	0.53	12.40	25.49
nine					<u> </u>	T	1			<u> </u>			1	I	1		1		<u> </u>		<u> </u>		<u> </u>		I
Scree	ts	Residential/Business	Each	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	351	573
print (emen	School/Church/Etc.	Each	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
Foot	isplad	Historic Property Impacts	Each	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Δ	Displacements Total	Each	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	356	583

NOTE: "Other" right-of-way includes church ROW, school ROW, etc.

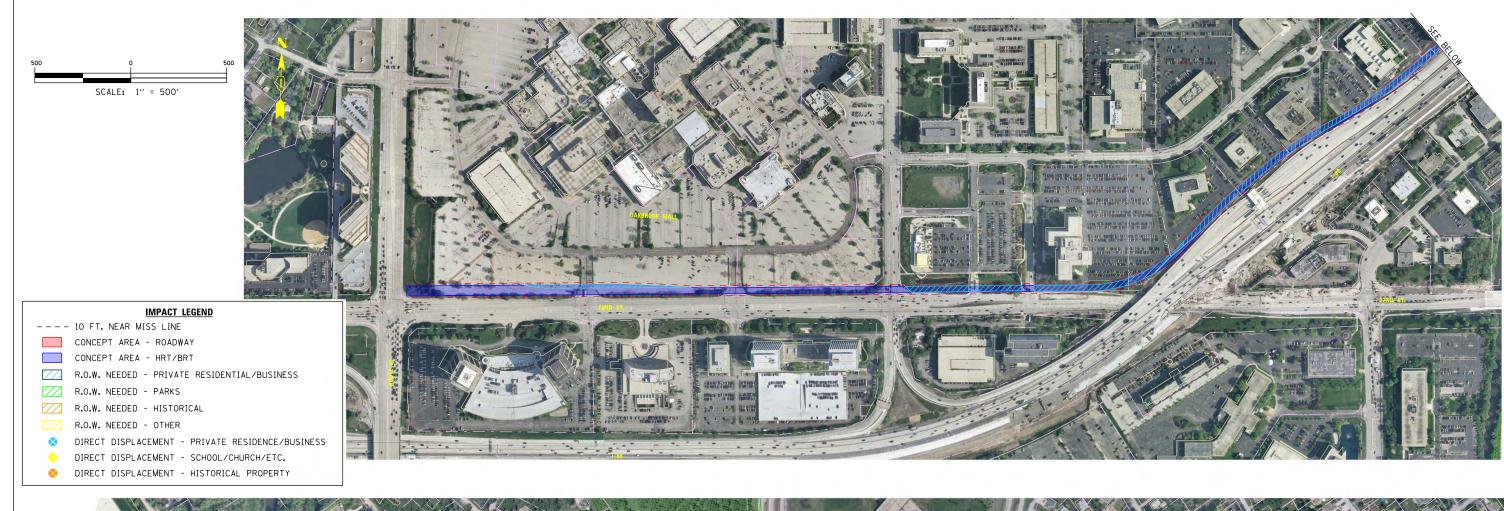
Considered Fatally Flawed

Blue Line Ext. Along Prairie Path to Oak Brook HRT-1





Blue Line Ext. Along I-290 to Oak Brook HRT-2

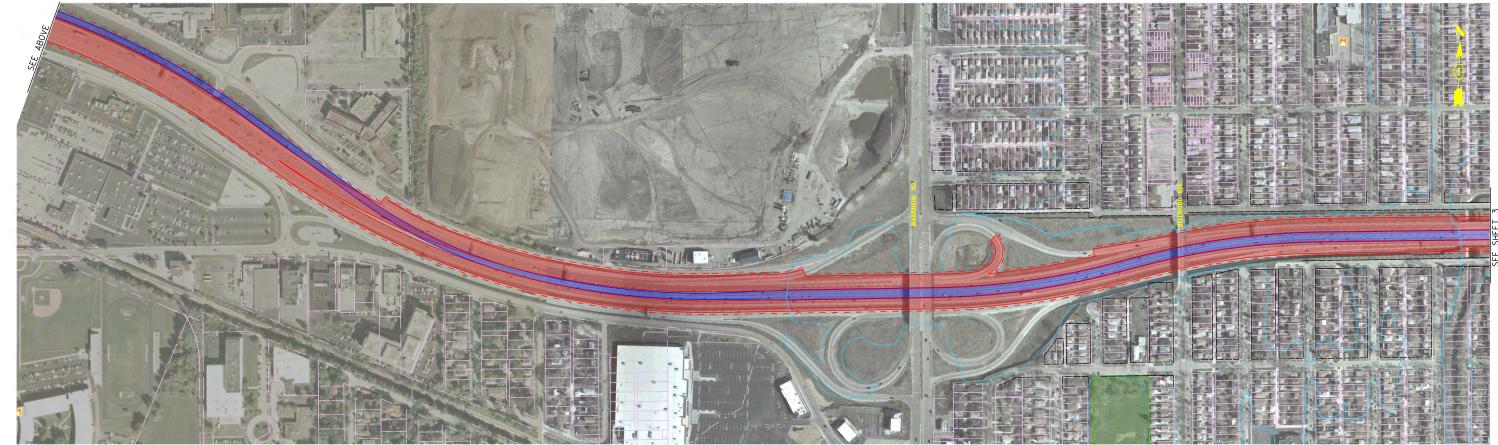




STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	I-290 PHASE I		F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUN				COOK	3	1	
HRT 2	BLUE LINE EXT. ALONG			CONTRACT	NO		
SCALE: 1" = 500"	SHEET NO. 1 OF 3			ILLINOIS FED. AI	D PROJECT		





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

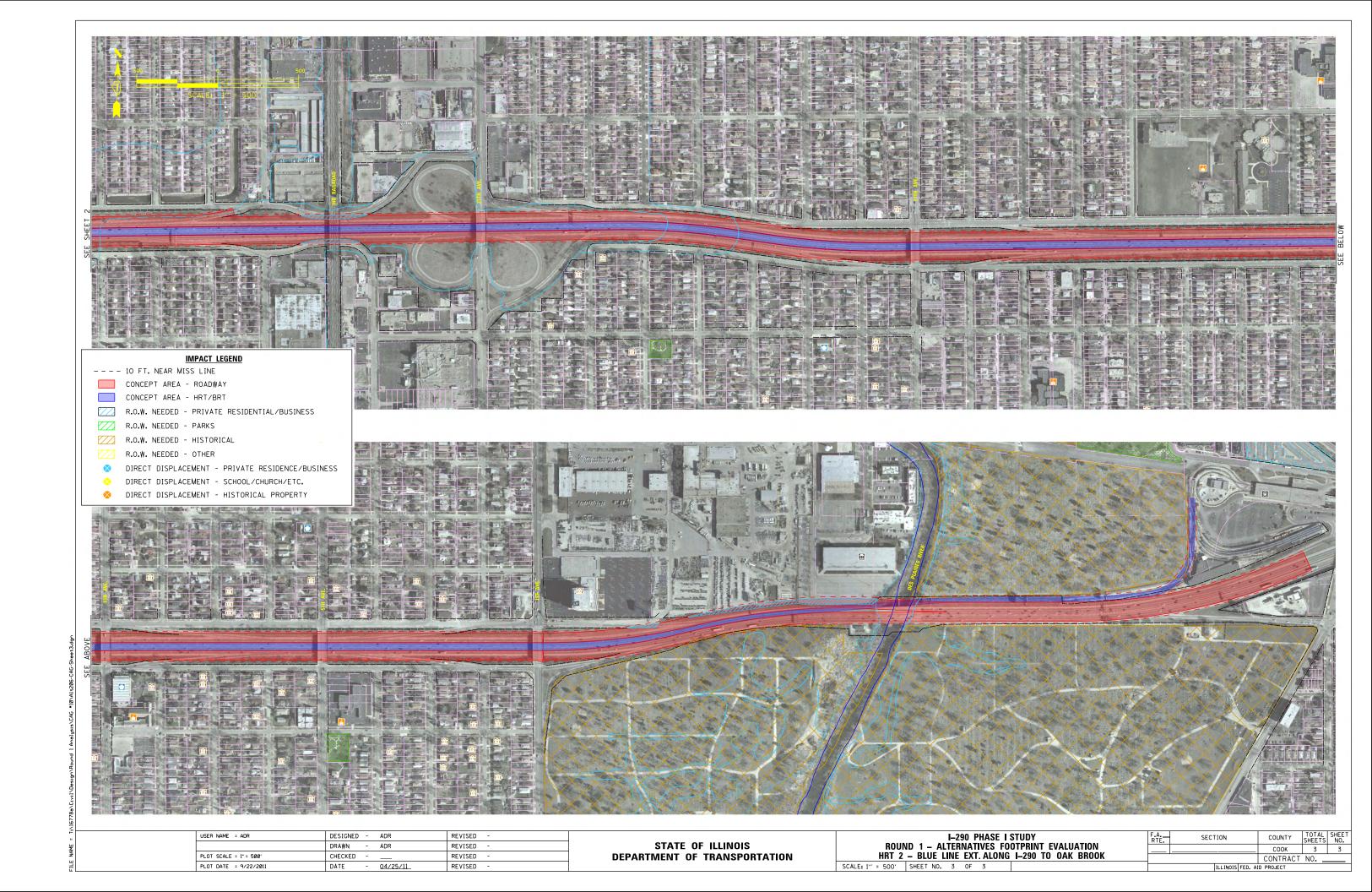
| L-290 PHASE I STUDY | ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION | RTE. | RT

F.A. SECTION COUNTY TOTAL SHEET NO.

COOK 3 2

CONTRACT NO.

ILLINOIS FED. AID PROJECT



Blue Line Ext. Along I-290 to Mannheim (Short)

HRT-3





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-290 PHASE I STUDY
ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION
HRT 3 - BLUE LINE EXT. ALONG I-290 TO MANNHEIM RD.

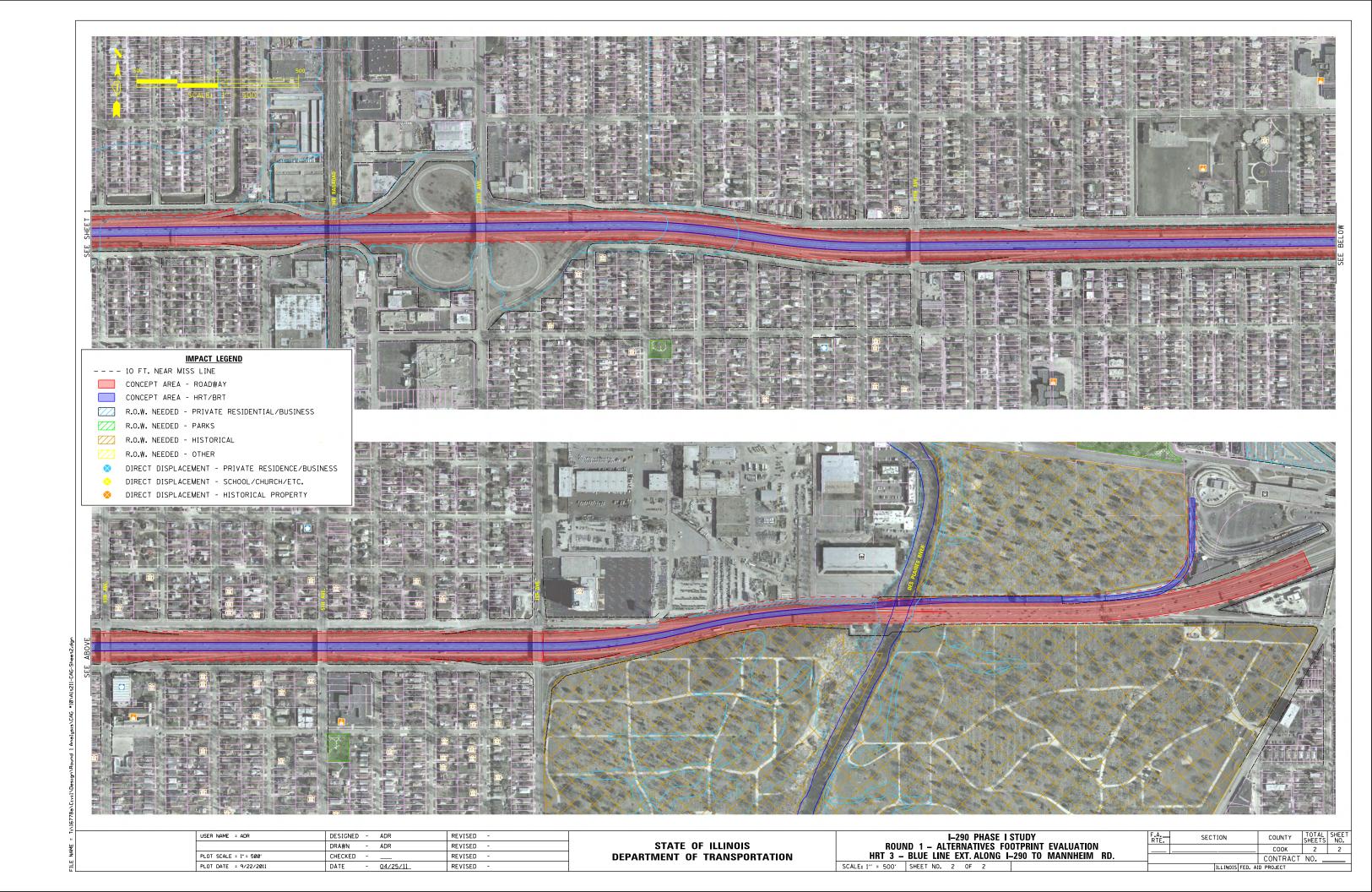
SCALE: 1" = 500' SHEET NO. 1 OF 2

F.A. SECTION COUNTY TOTAL SHEET NO.

COOK 2 1

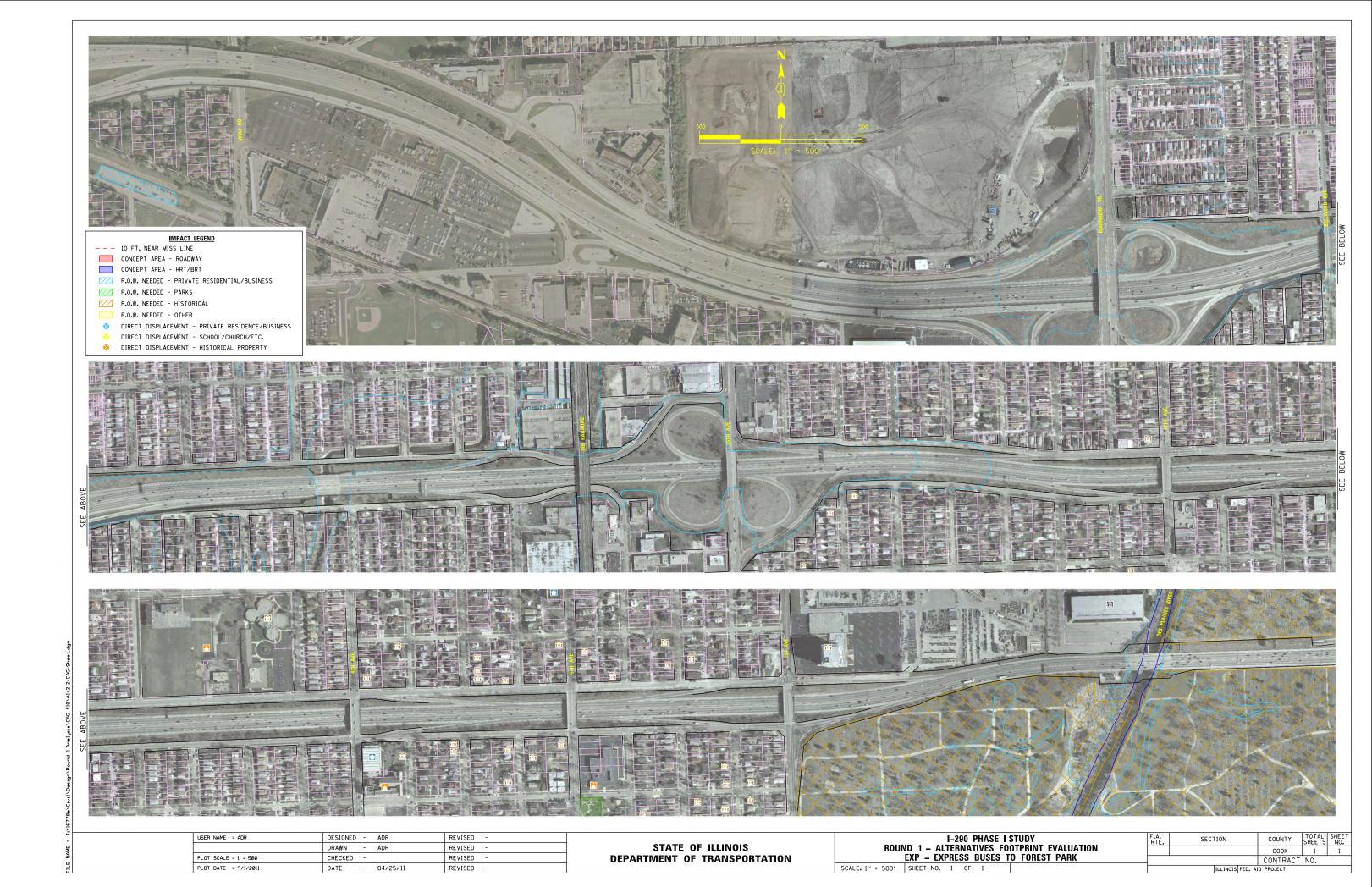
CONTRACT NO.

ILLINOIS FED. AID PROJECT

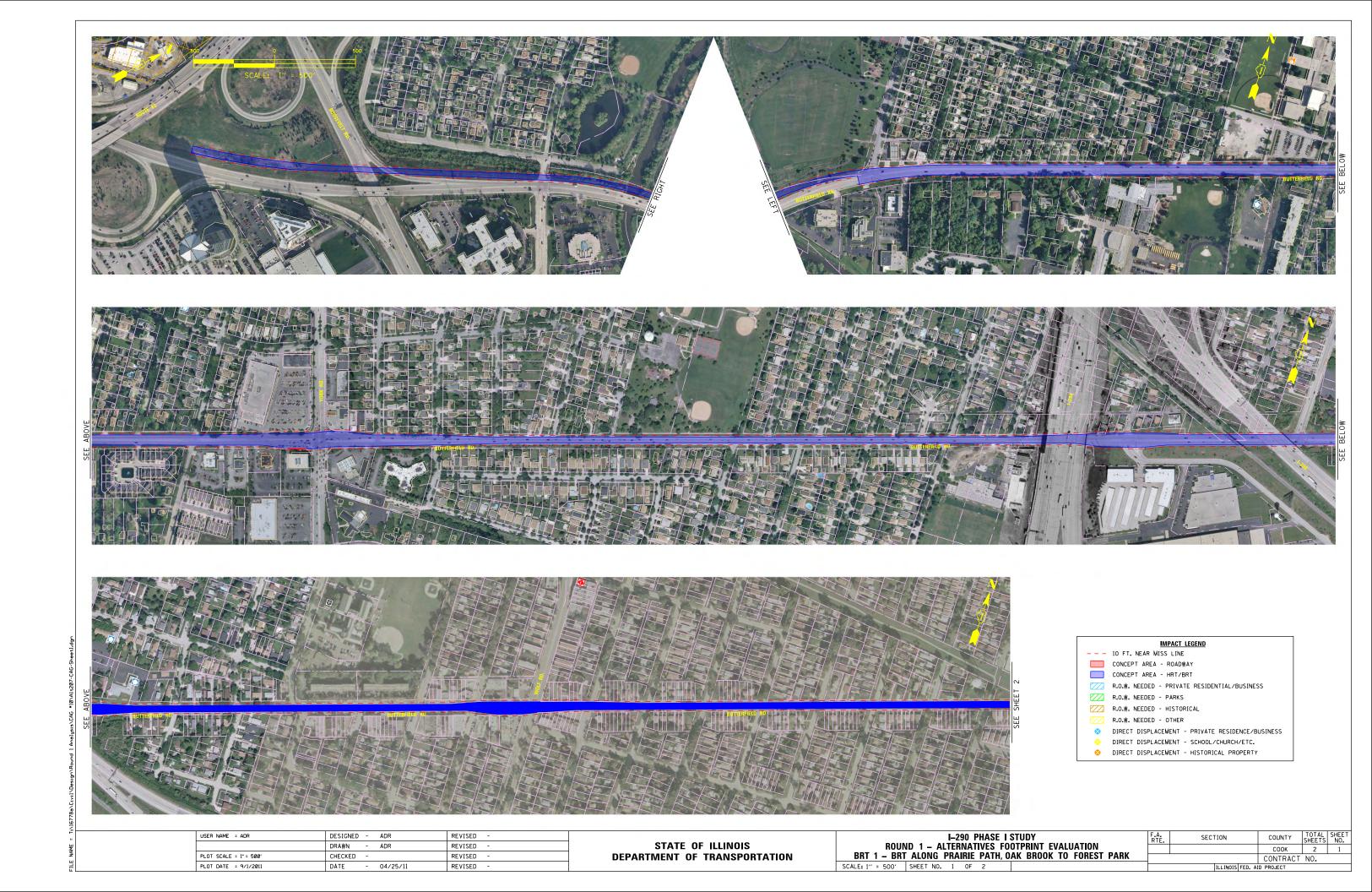


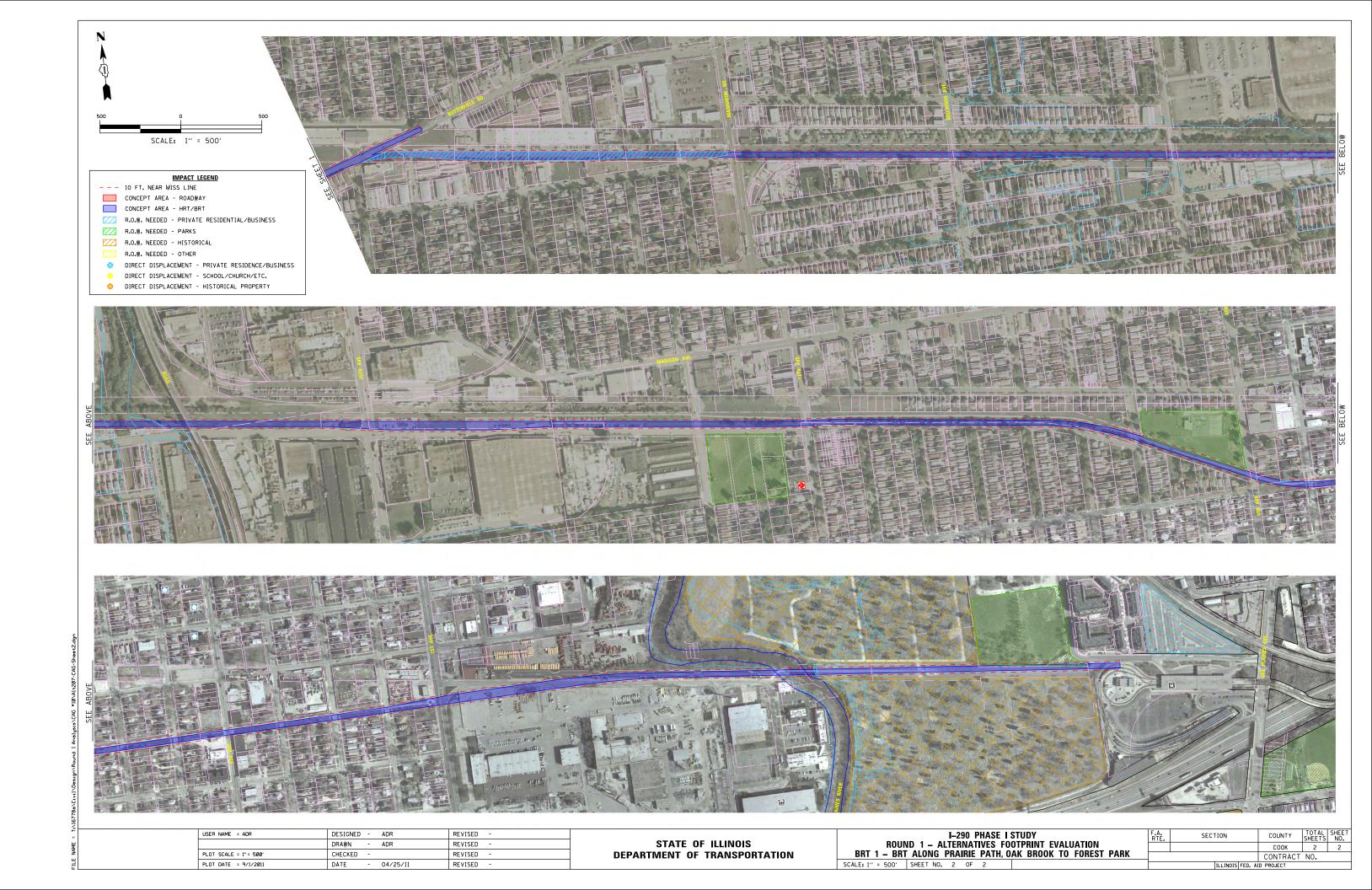
Express Buses to Forest Park

EXP

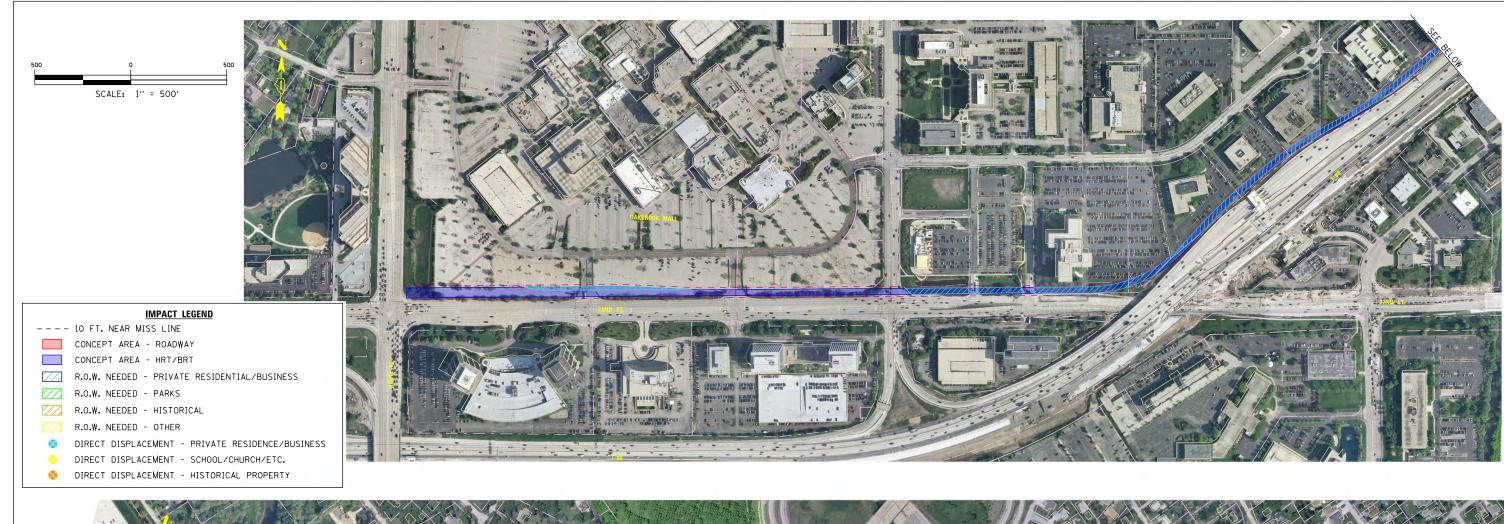


BRT Along Prairie Path, Oak Brook to Forest Park
BRT-1





BRT Along I-290, Oak Brook to Forest Park
BRT-2



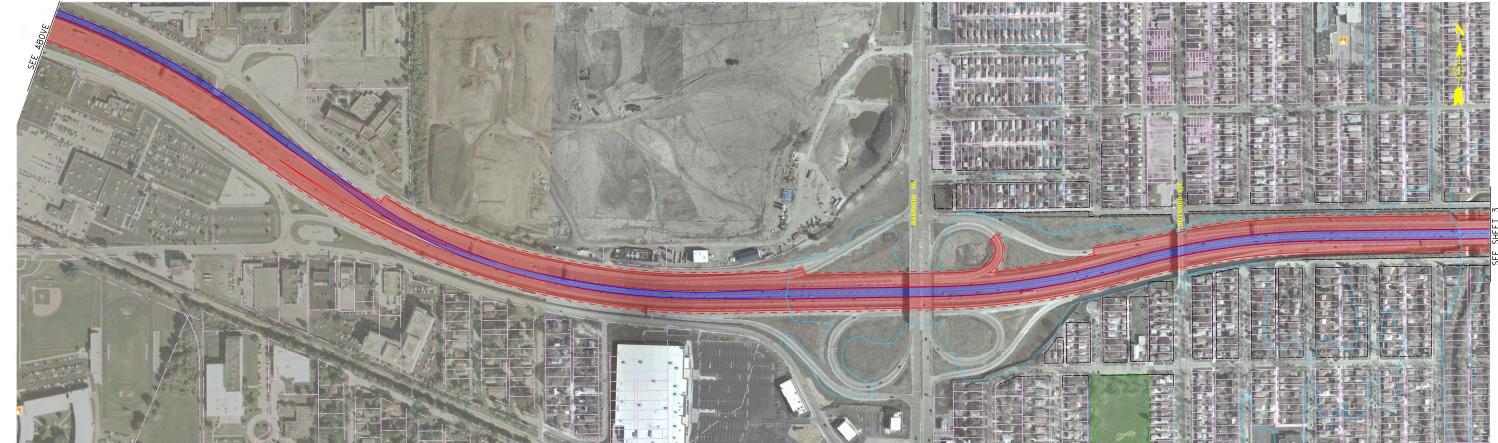


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-290 PHASE I STUDY												
ROUN	D 1 –	ALTER	NAT	IVES FO	OTPRIN	T E\	/ALUATIO	ON				
BRT 2 -	BRT A	ALONG	I –29	0, OAK	BROOK	TO	FOREST	PARK				
SCALE: 1" = 500'	SHEET N	NO. 1	OF	3								

F.A RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.				
			соок	3	1				
	•		CONTRACT NO						
ILLINOIS FED. AID PROJECT									





USER NAME = ADR	DESIGNED	-	ADR	REVISED	-
	DRAWN	-	ADR	REVISED	-
PLOT SCALE = 1° = 500'	CHECKED	-		REVISED	-
PLOT DATE = 9/22/2011	DATE	-	04/25/11	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

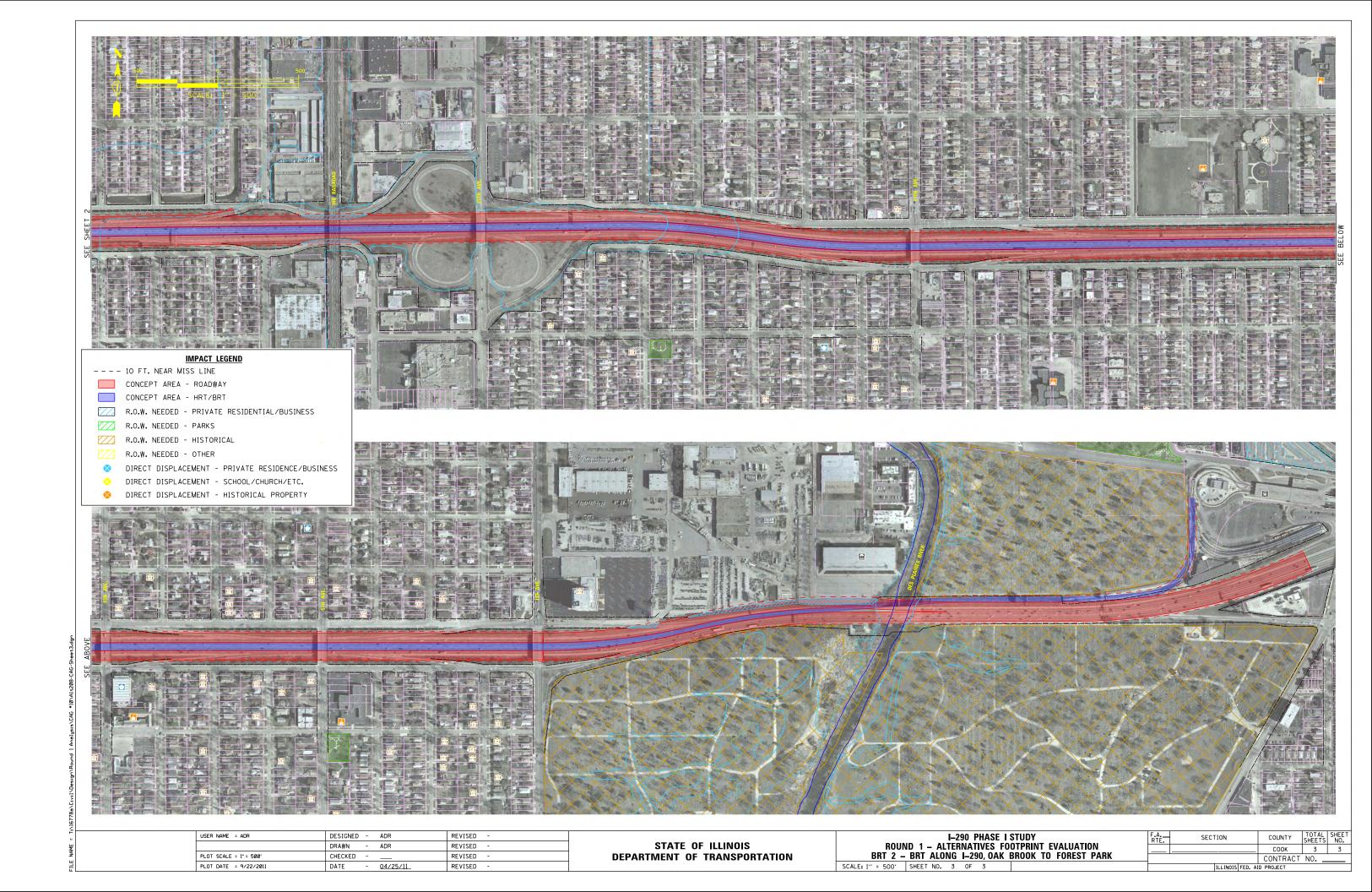
					STUDY		F.A RTE.				
	ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION BRT 2 - BRT ALONG I-290, OAK BROOK TO FOREST PARK										
BKI Z -	BKI ALU	NG	I-290	, UAK	BROOK TO	FUKEST PAKK					
SCALE: 1" = 500'	SHEET NO.	2	OF	3							

F.A. SECTION COUNTY TOTAL SHEET NO.

COOK 3 2

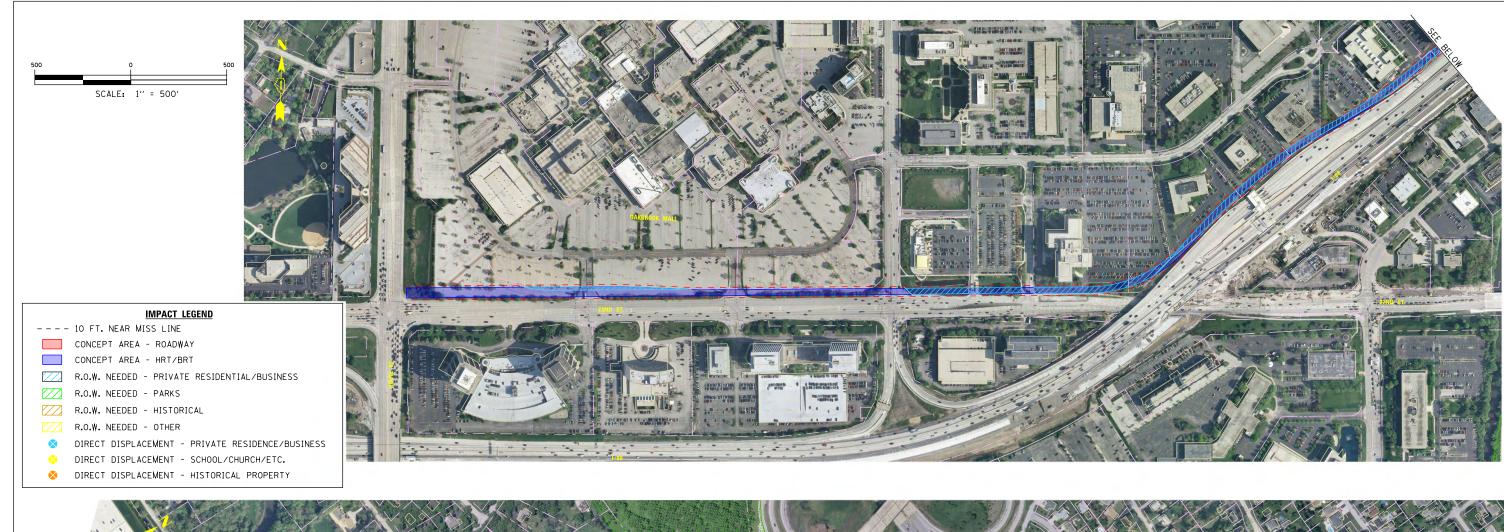
CONTRACT NO.

ILLINOIS FED. AID PROJECT



BRT from Oak Brook to Cicero Ave. (CTA Overlap)

BRT-3





STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

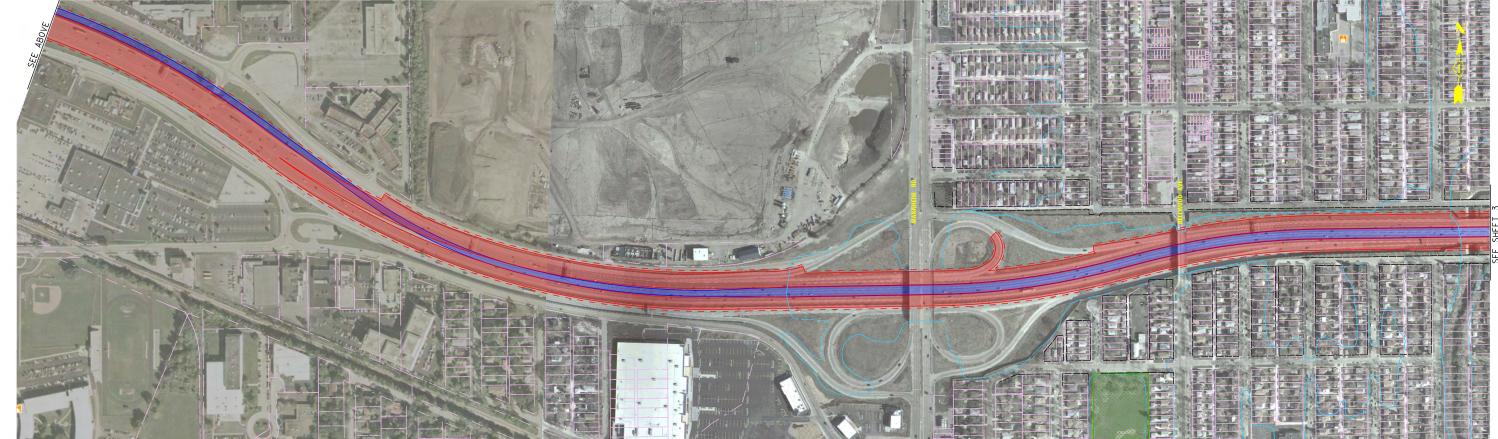
I-290 PHASE I STUDY

ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION

BRT 3 - BRT ALONG I-290, OAK BROOK TO CENTRAL AVE. (CTA OVERLAP)

SCALE: 1" = 500' SHEET NO. 1 OF 3





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-290 PHASE I STUDY
ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION
BRT 3 - BRT ALONG I-290, OAK BROOK TO CENTRAL AVE. (CTA OVERLAP)

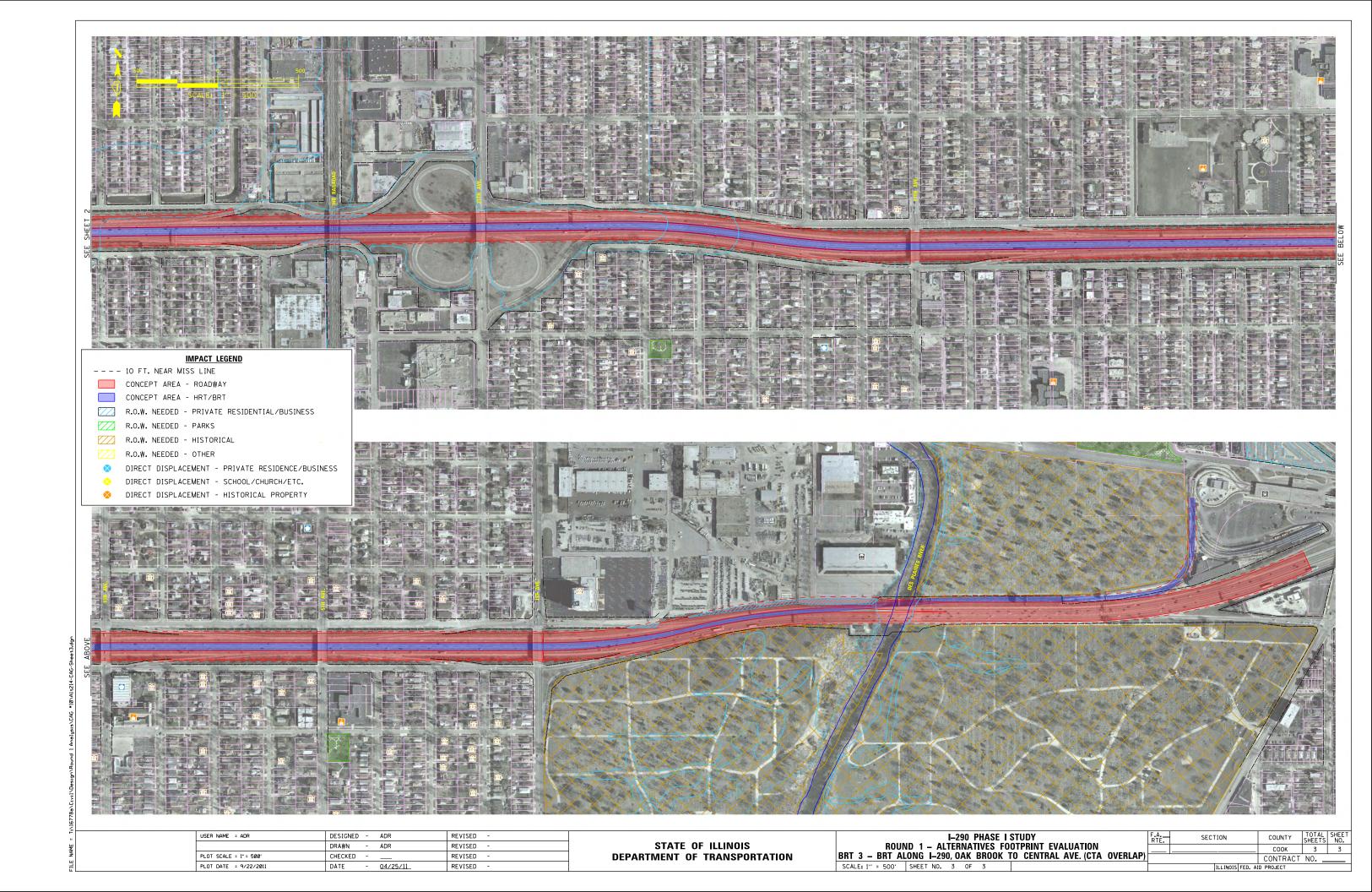
SCALE: 1" = 500' SHEET NO. 2 OF 3

RTE. SECTION COUNTY TOTAL SHEET NO.

COOK 3 2

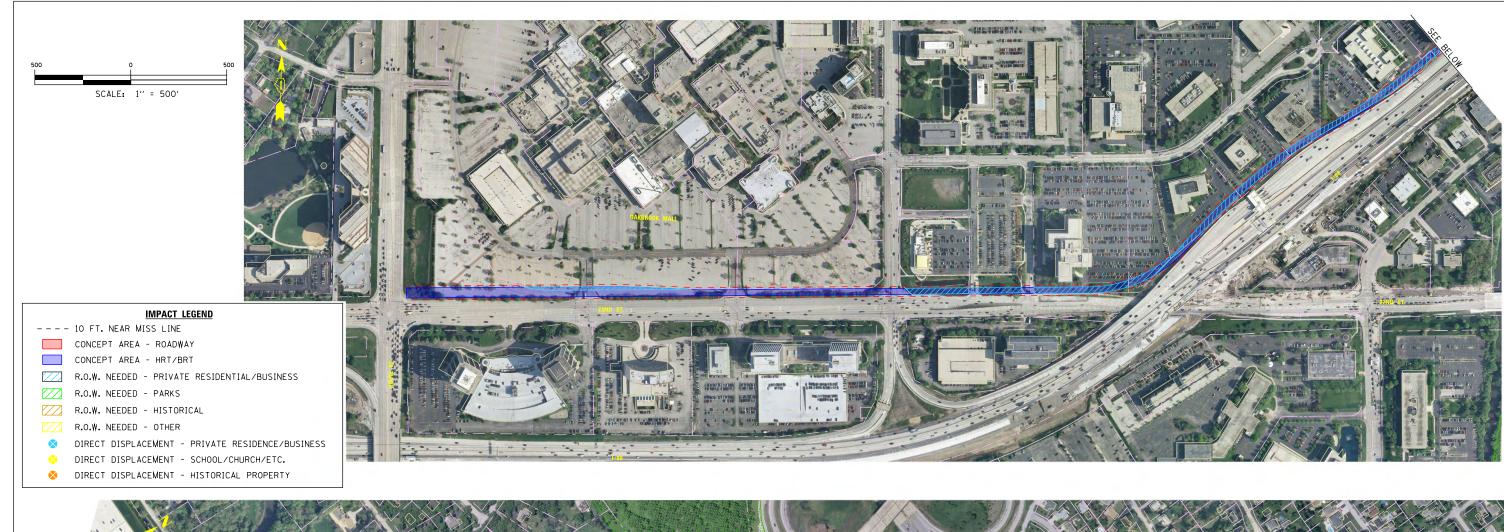
CONTRACT NO.

ILLINOIS FED. AID PROJECT



BRT - Oak Brook to Ashland Ave. (Blue Line Conversion)

BRT-4





STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

| I-290 PHASE I STUDY | ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION | BRT 4 - BRT ALONG I-290, OAK BROOK TO DOWNTOWN (NO BLUE LINE) | SCALE: 1" = 500' | SHEET NO. 1 OF 3





 USER NAME = ADR
 DESIGNED - ADR
 REVISED - REVISED - ADR

 DRAWN - ADR
 REVISED - REVISED - ADR

 PLOT SCALE = 1° = 500°
 CHECKED - REVISED - REVISED - ADR

 PLOT DATE = 9/22/2011
 DATE - 04/25/11
 REVISED - REVISED - ADR

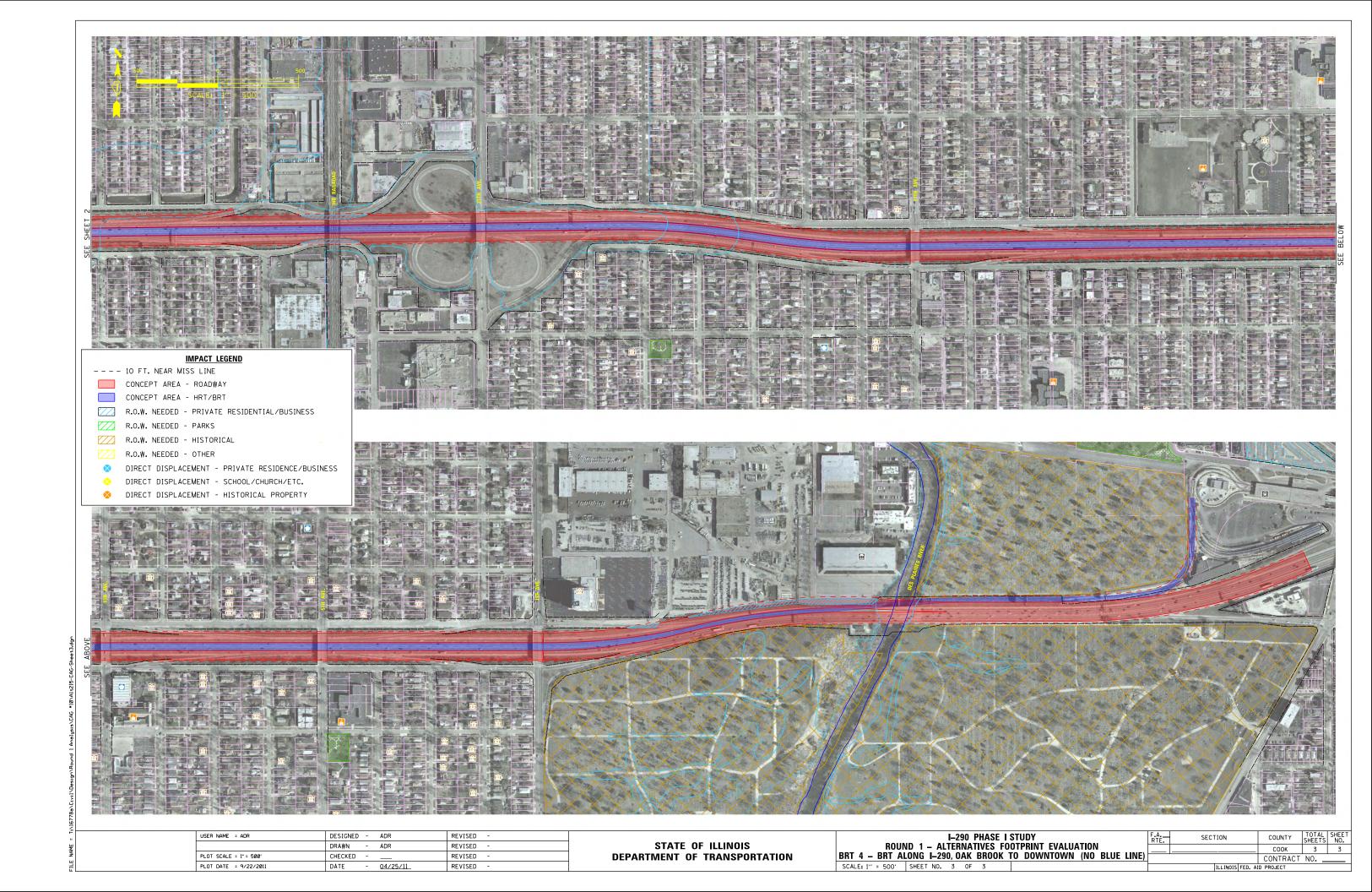
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-290 PHASE I STUDY
ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION
BRT 4 - BRT ALONG I-290, OAK BROOK TO DOWNTOWN (NO BLUE LINE)

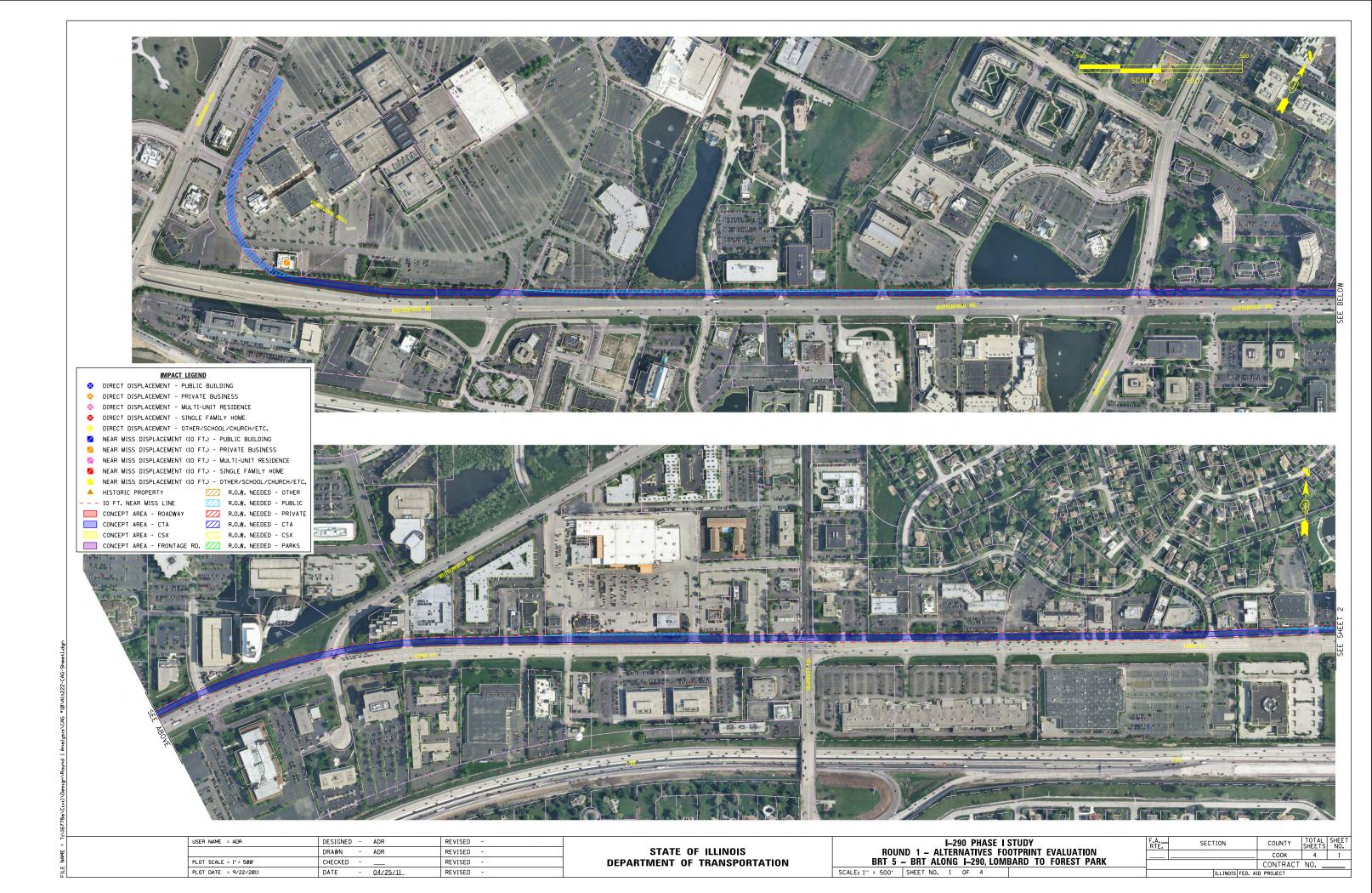
SCALE: 1" = 500' SHEET NO. 2 OF 3

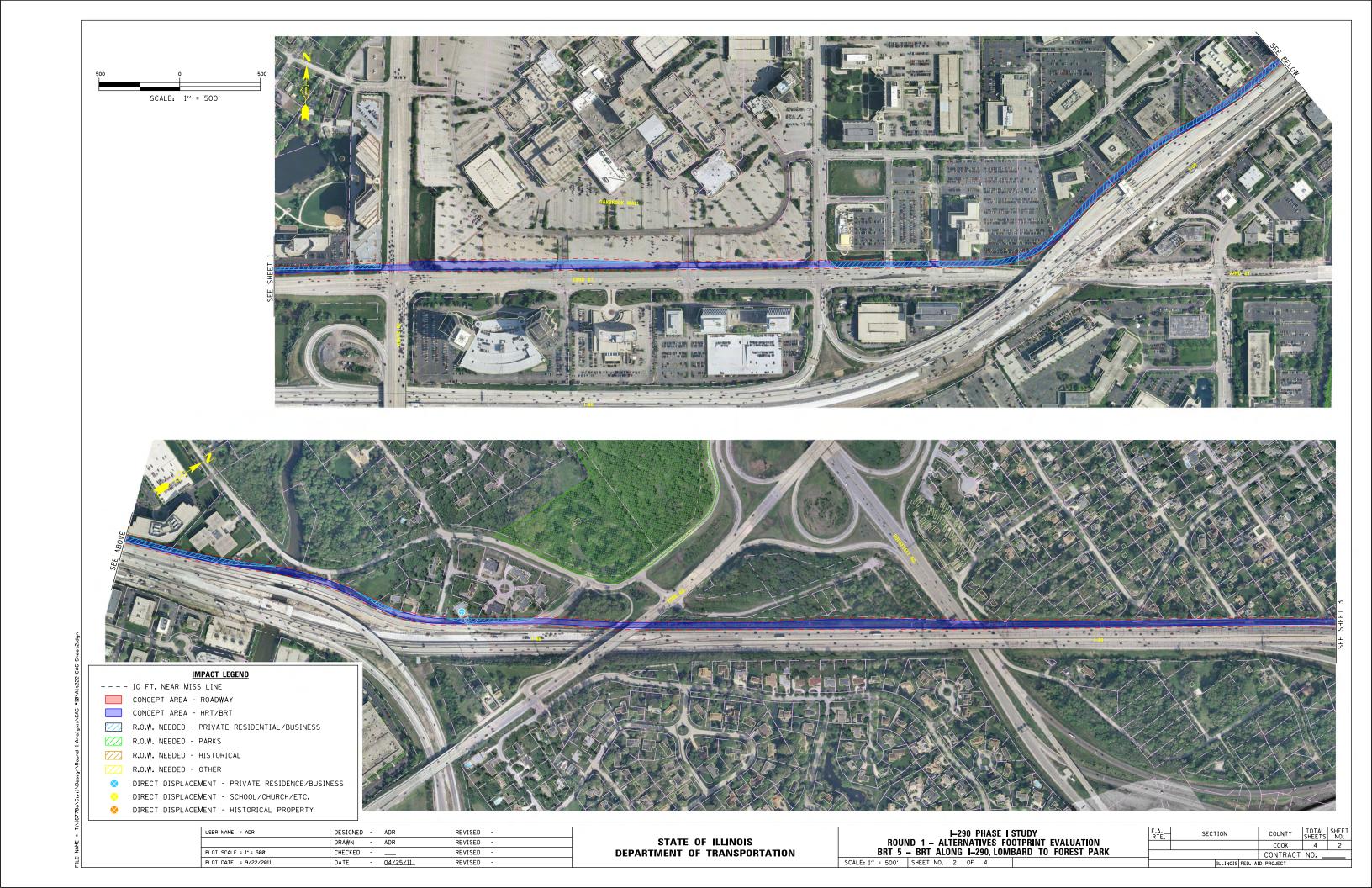
F.A. SECTION COUNTY TOTAL SHEET NO. COOK 3 2

CONTRACT NO. LILLINGIS FED. AID PROJECT

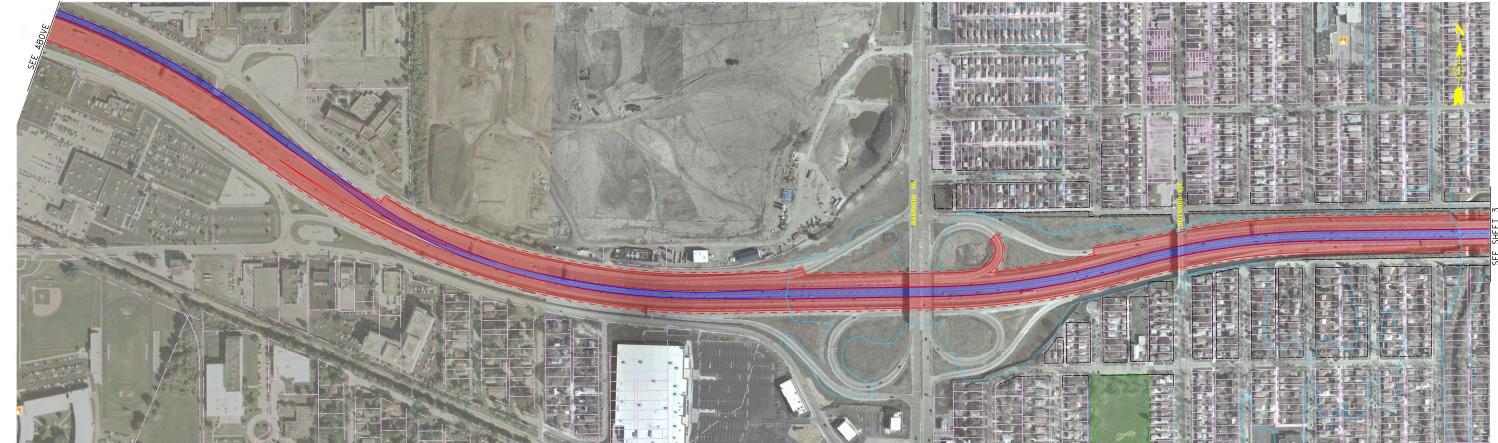


BRT – Forest Park CTA Terminal to Lombard
BRT-5









USER NAME = ADR	DESIGNED	-	ADR	REVISED	-
	DRAWN	-	ADR	REVISED	-
PLOT SCALE = 1° = 500'	CHECKED	-		REVISED	-
PLOT DATE = 9/22/2011	DATE	-	04/25/11	REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

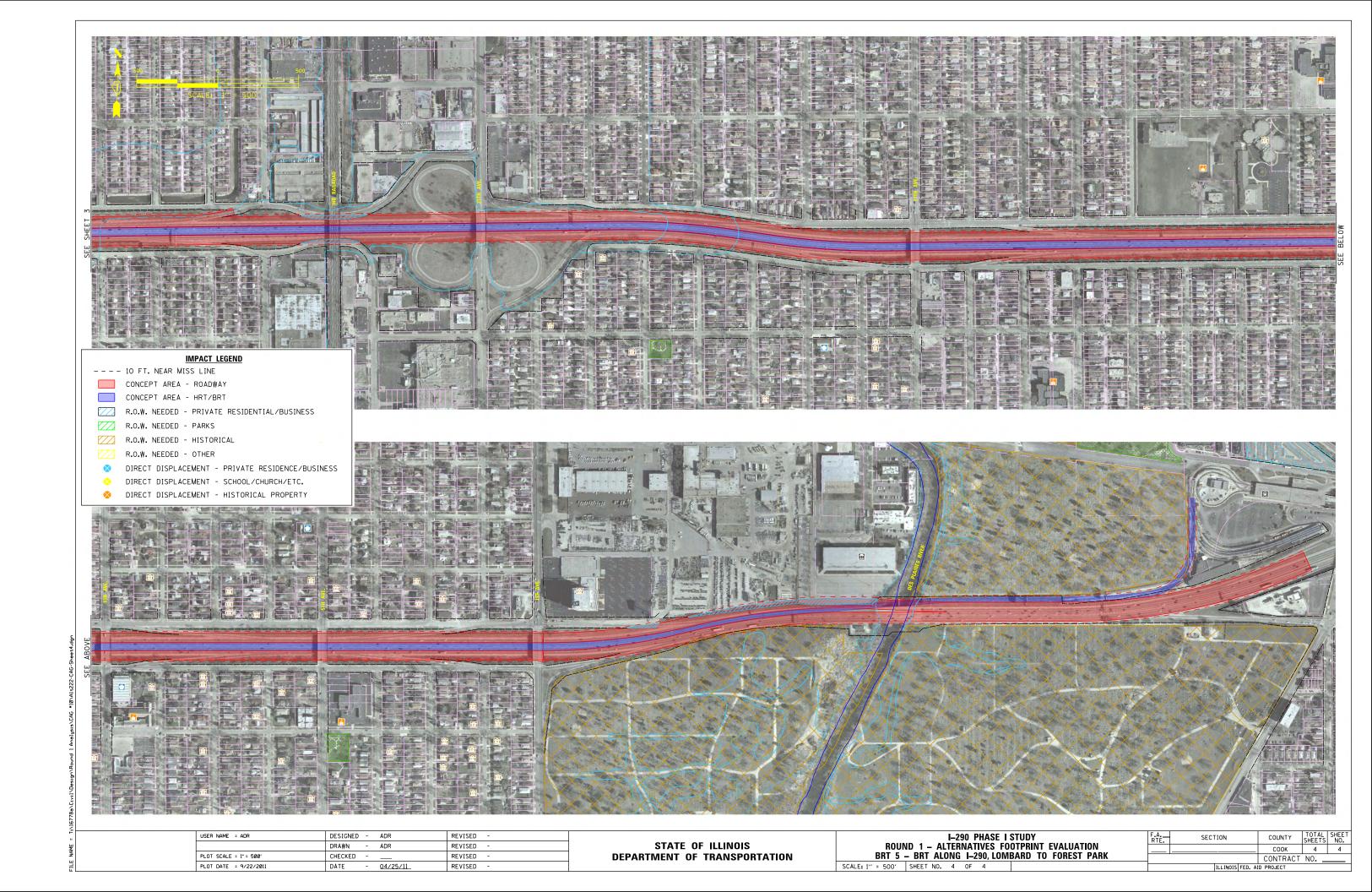
ROUN	I-290 PHASE I STUDY ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION												
BRT 5 -	- BRT ALC	NG	I-2	290, LOM	BARD	TO FORE	ST PARK						
SCALE: 1" = 500"	SHEET NO.	3	OF	4									

F.A. SECTION COUNTY SHEETS NO.

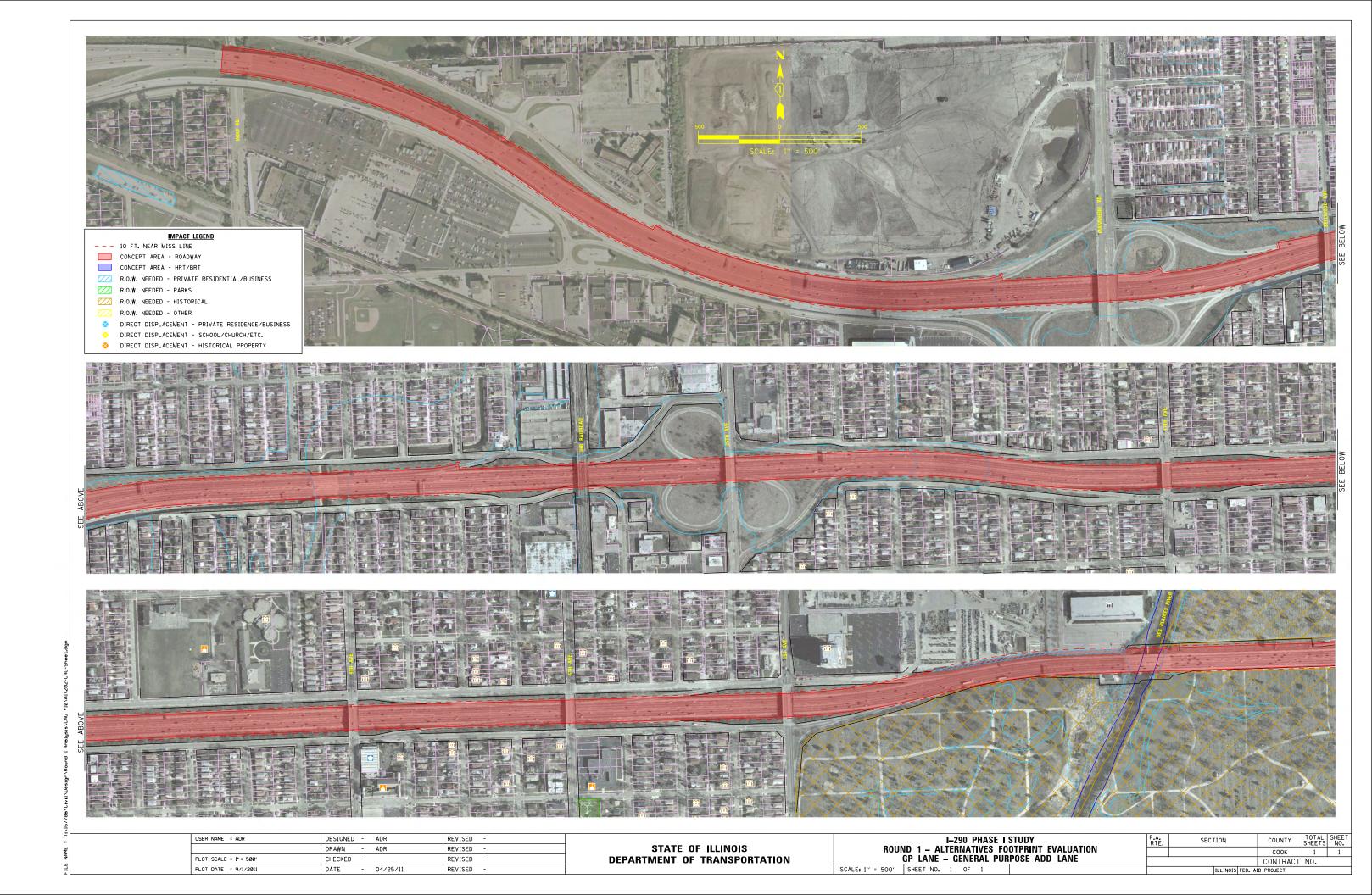
COOK 4 3

CONTRACT NO.

ILLINOIS FED. AID PROJECT

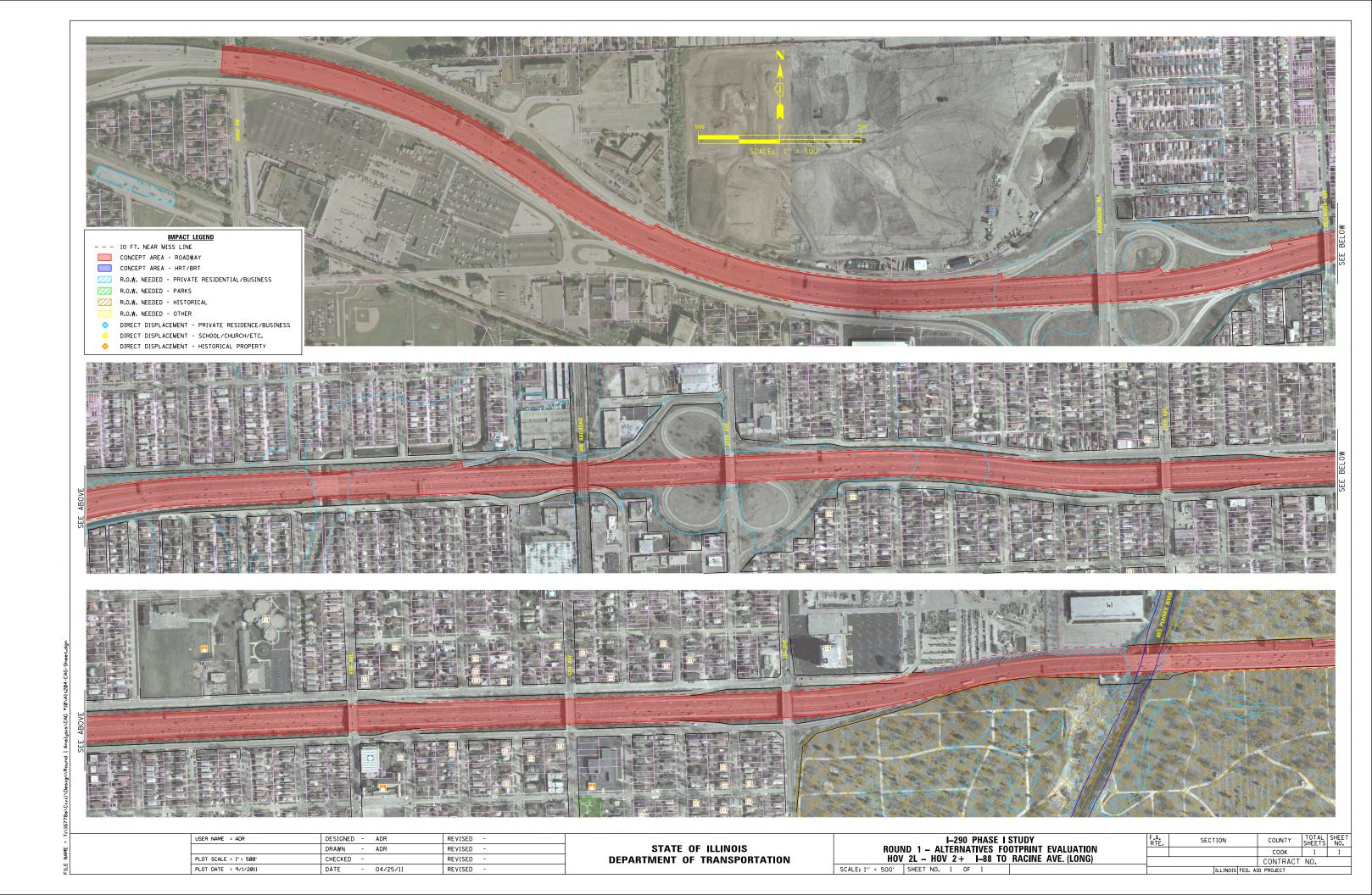


General Purpose Add Lane GP LANE



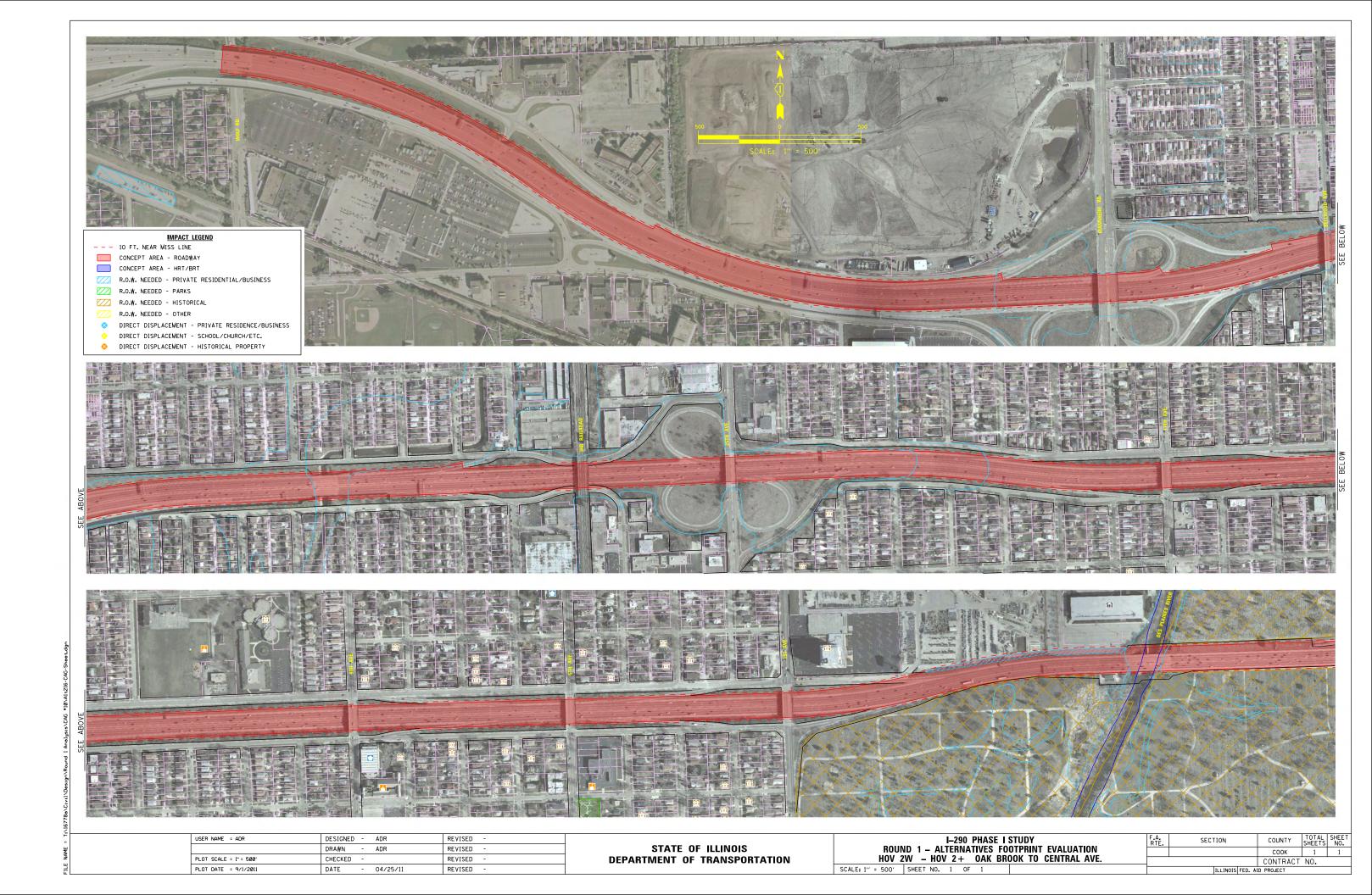
HOV 2+ From I-88 to Racine Ave. (Long)

HOV-2L



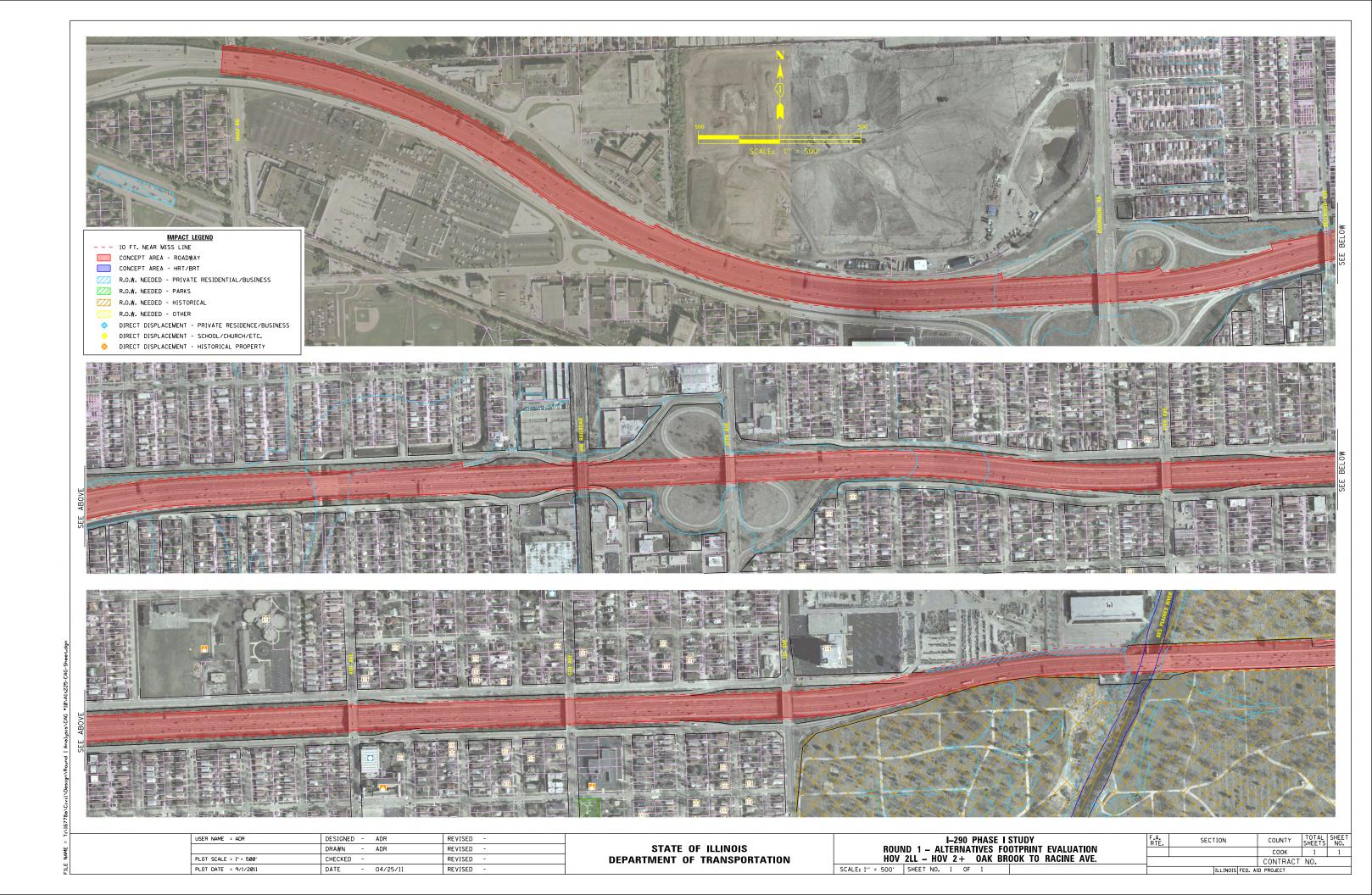
HOV 2+ Oak Brook to Central Ave.

HOV 2W



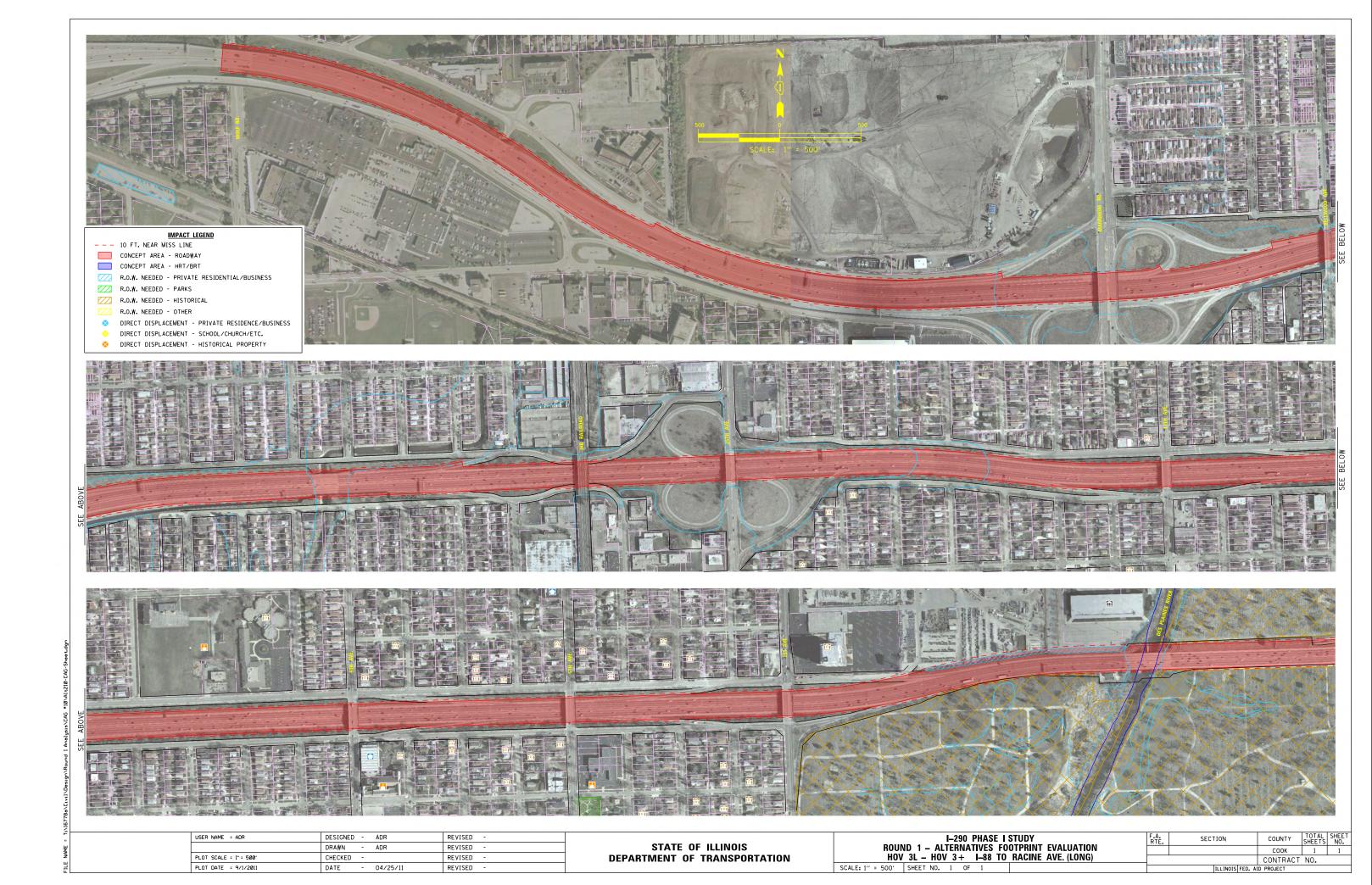
HOV 2+ Oak Brook to Racine Ave.

HOV 2LL



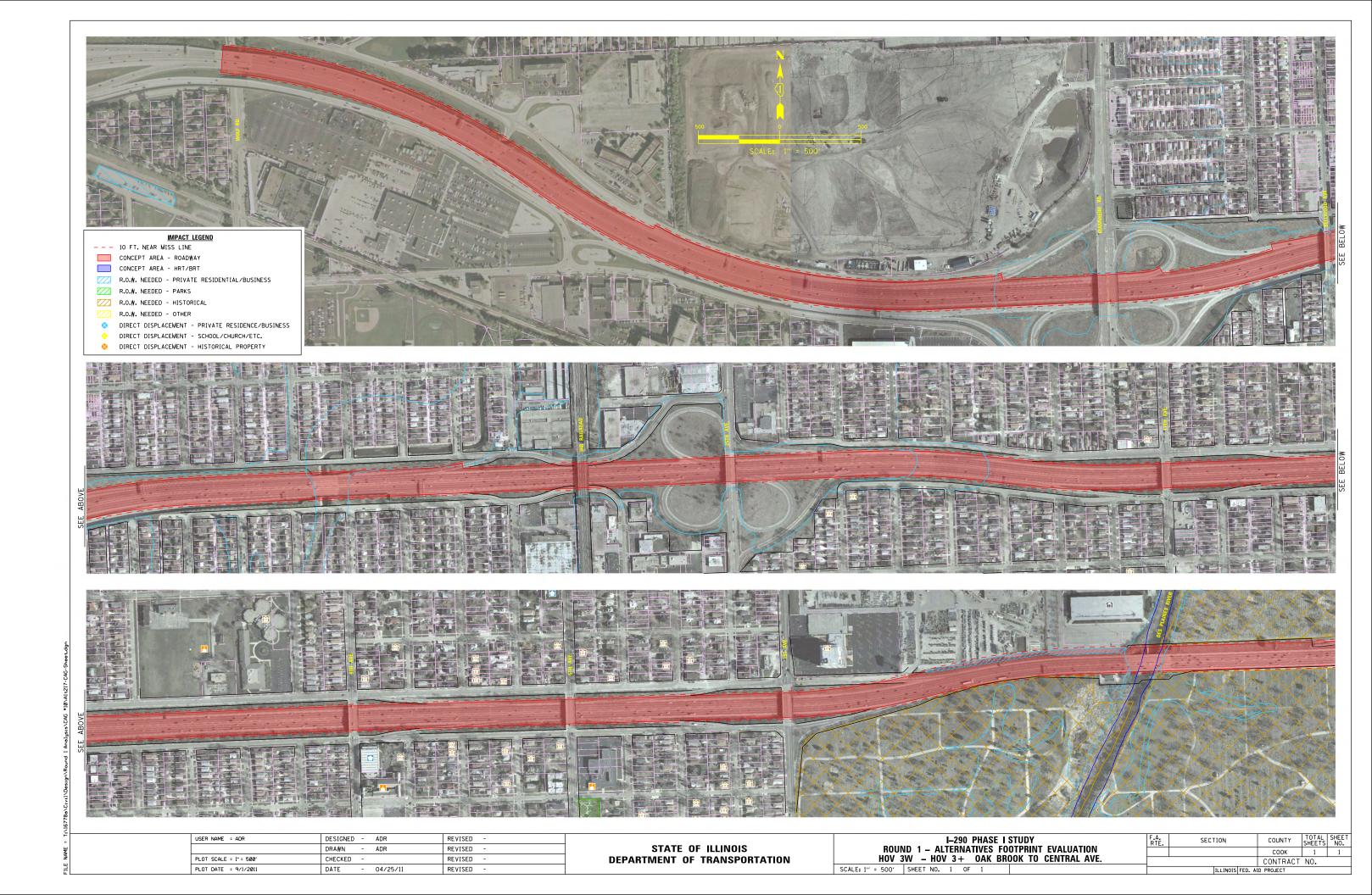
HOV 3+ from I-88 to Racine Ave. (Long)

HOV 3L



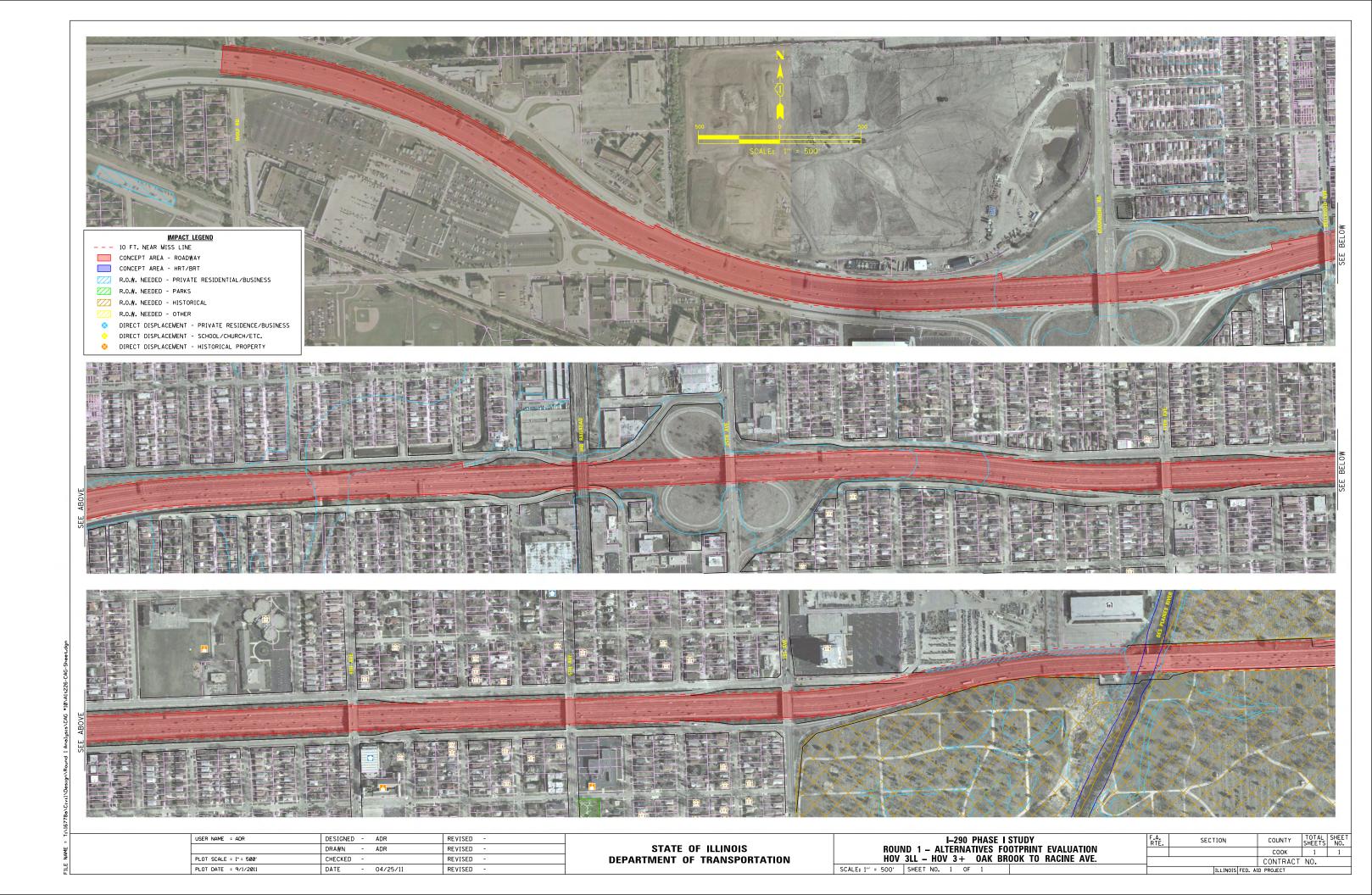
HOV 3+ Oak Brook to Central Ave.

HOV 3W



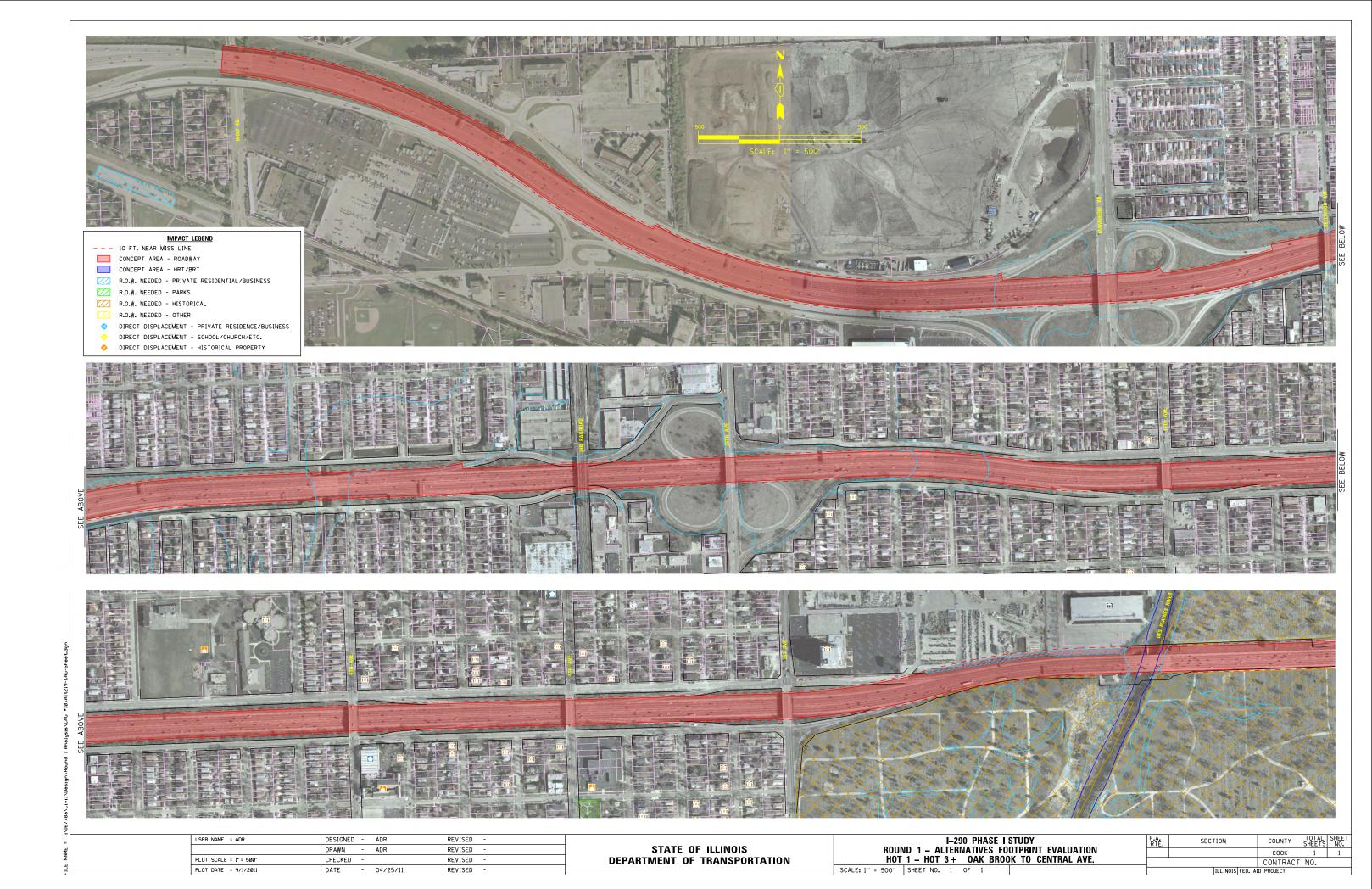
HOV 3+ Oak Brook to Racine Ave.

HOV 3LL



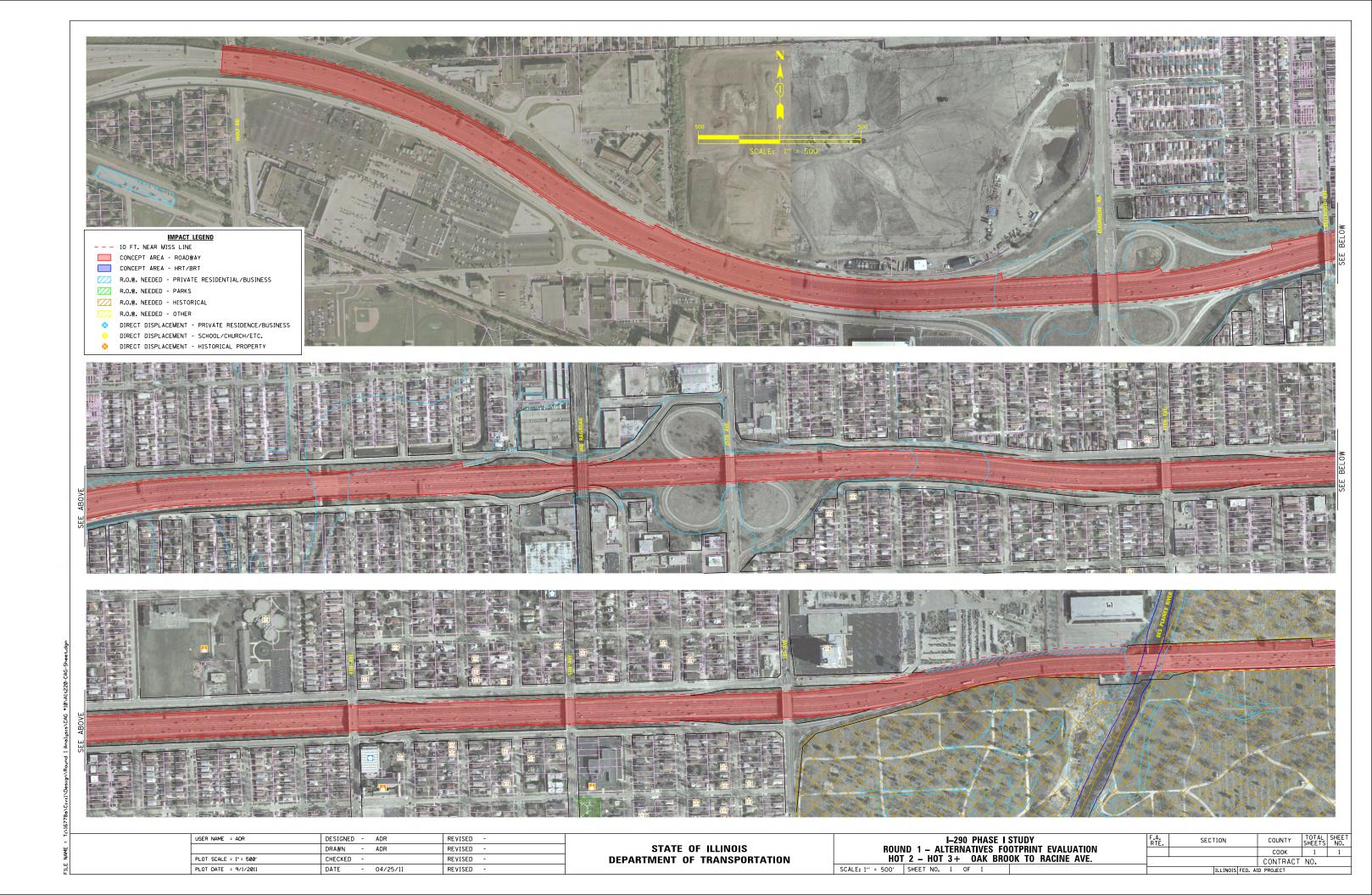
HOT 3+ Oak Brook to Central Ave.

HOT 1



HOT 3+ Oak Brook to Racine Ave.

HOT 2



Toll Existing I-290 Lanes (I-88 to Cicero Ave.)

TOL 1



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

I-290 PHASE I STUDY	F.A. RTE.	SECTIO
ROUND 1 - ALTERNATIVES FOOTPRINT EVALUATION TOL 1 - TOLL EXISTING I-290 LANES (I-88 TO CICERO AVE.)		
SCALE: 1" = 500' SHEET NO. 1 OF 1	1	ILL

RTE. SECTION COUNTY TOTAL SHEET NO.

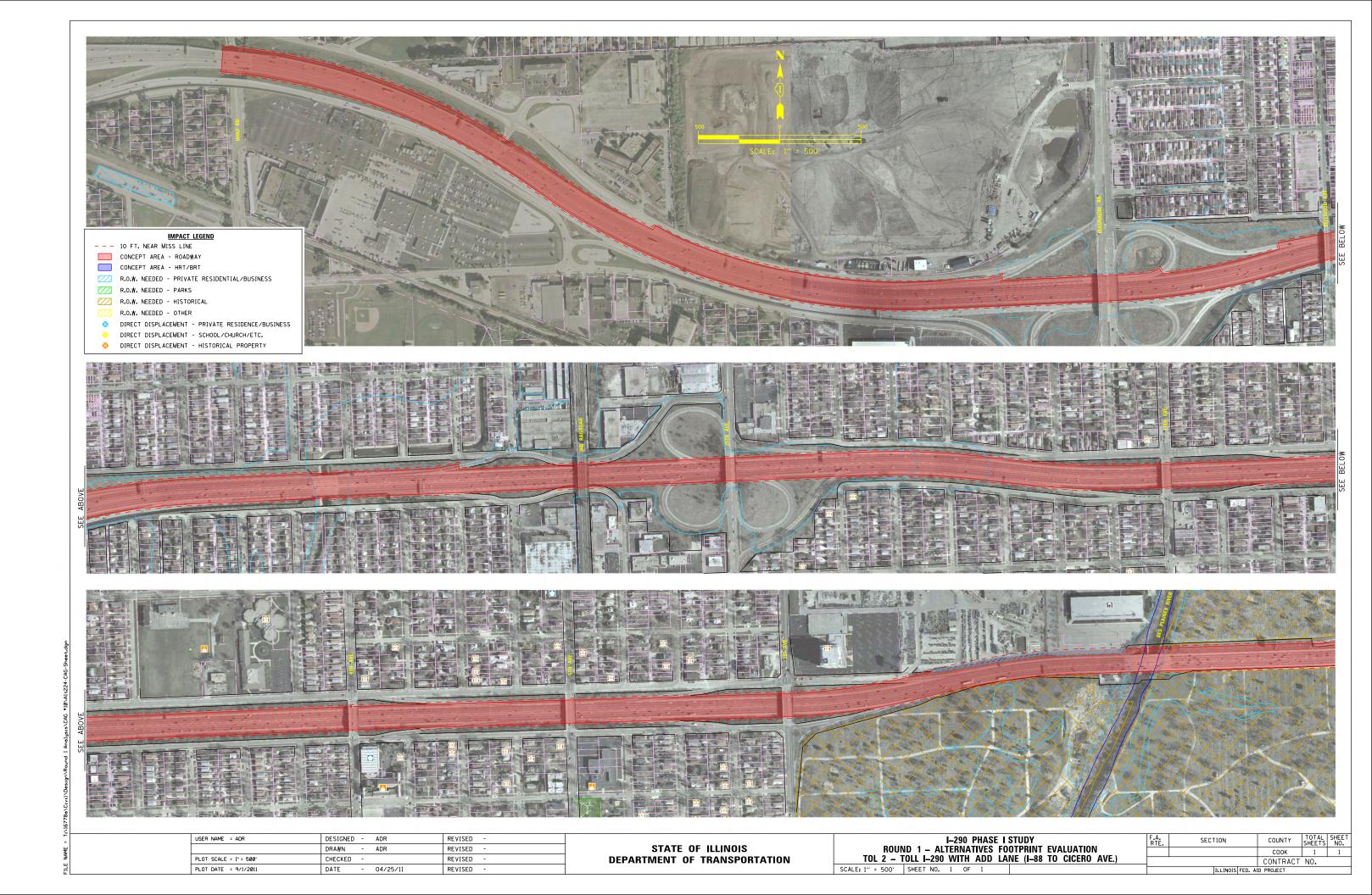
COOK 1 1

CONTRACT NO.

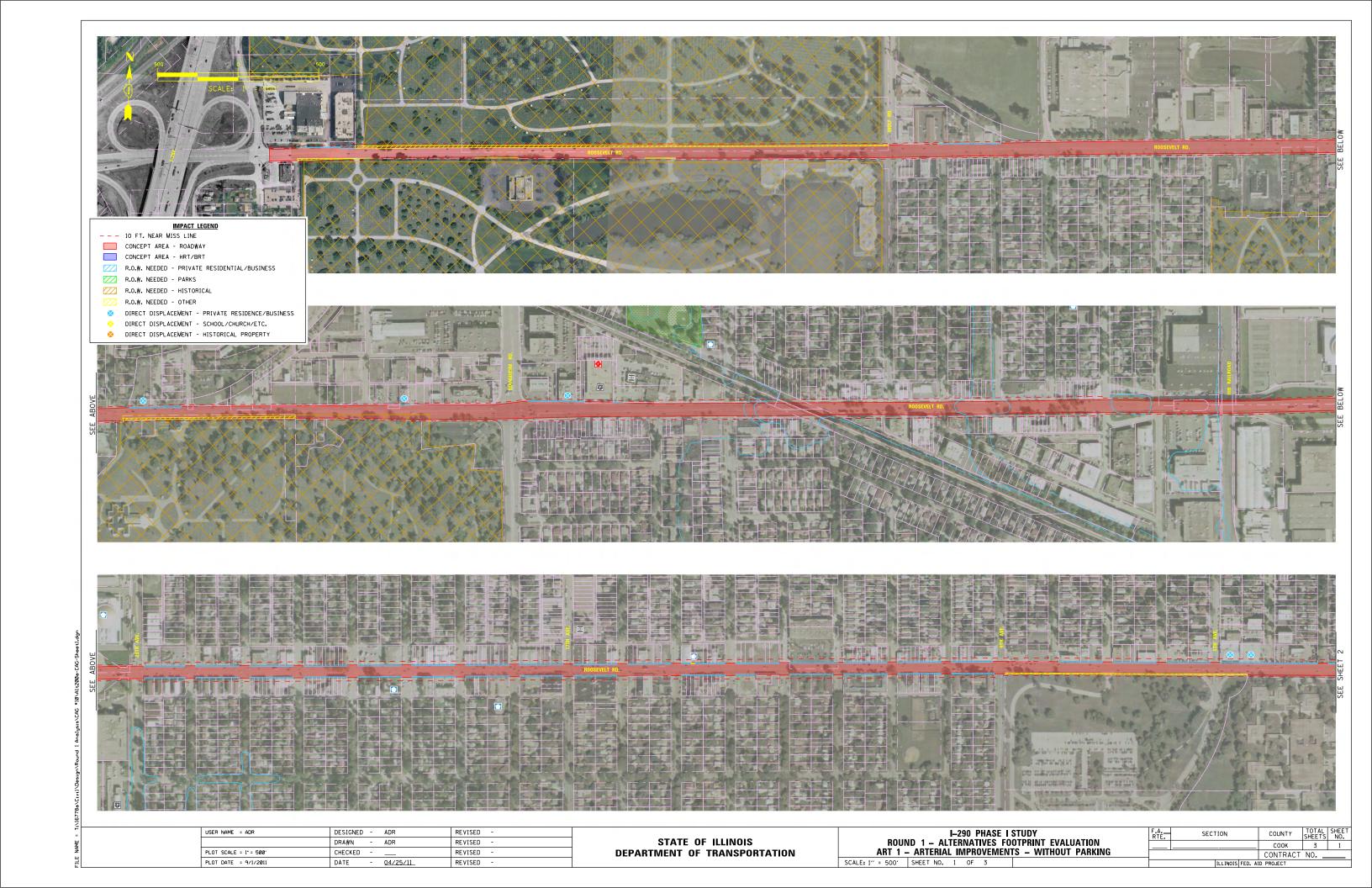
| ILLINOIS|FED. AID PROJECT

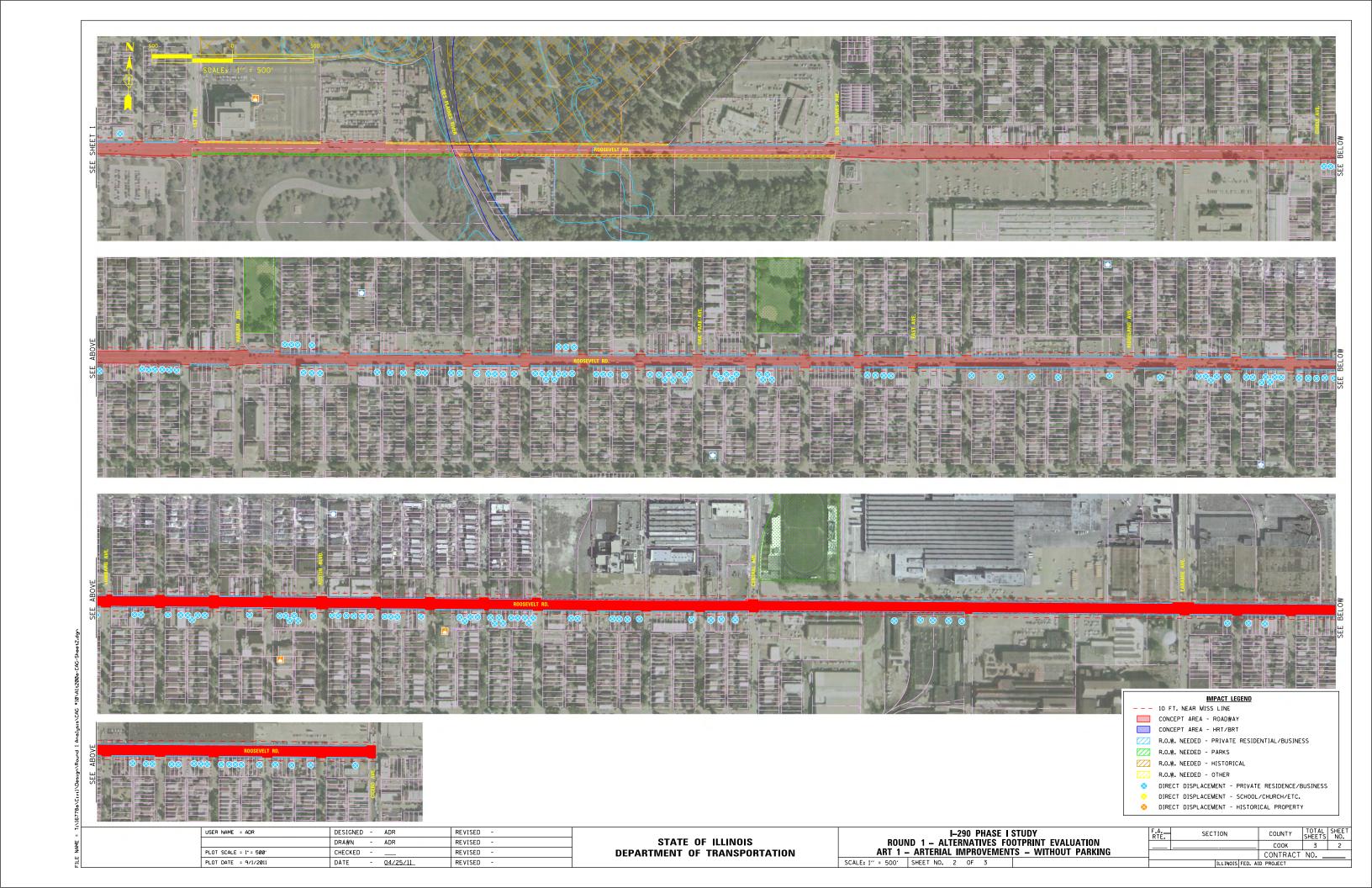
Toll I-290 with an Add Lane (I-88 to Cicero Ave.)

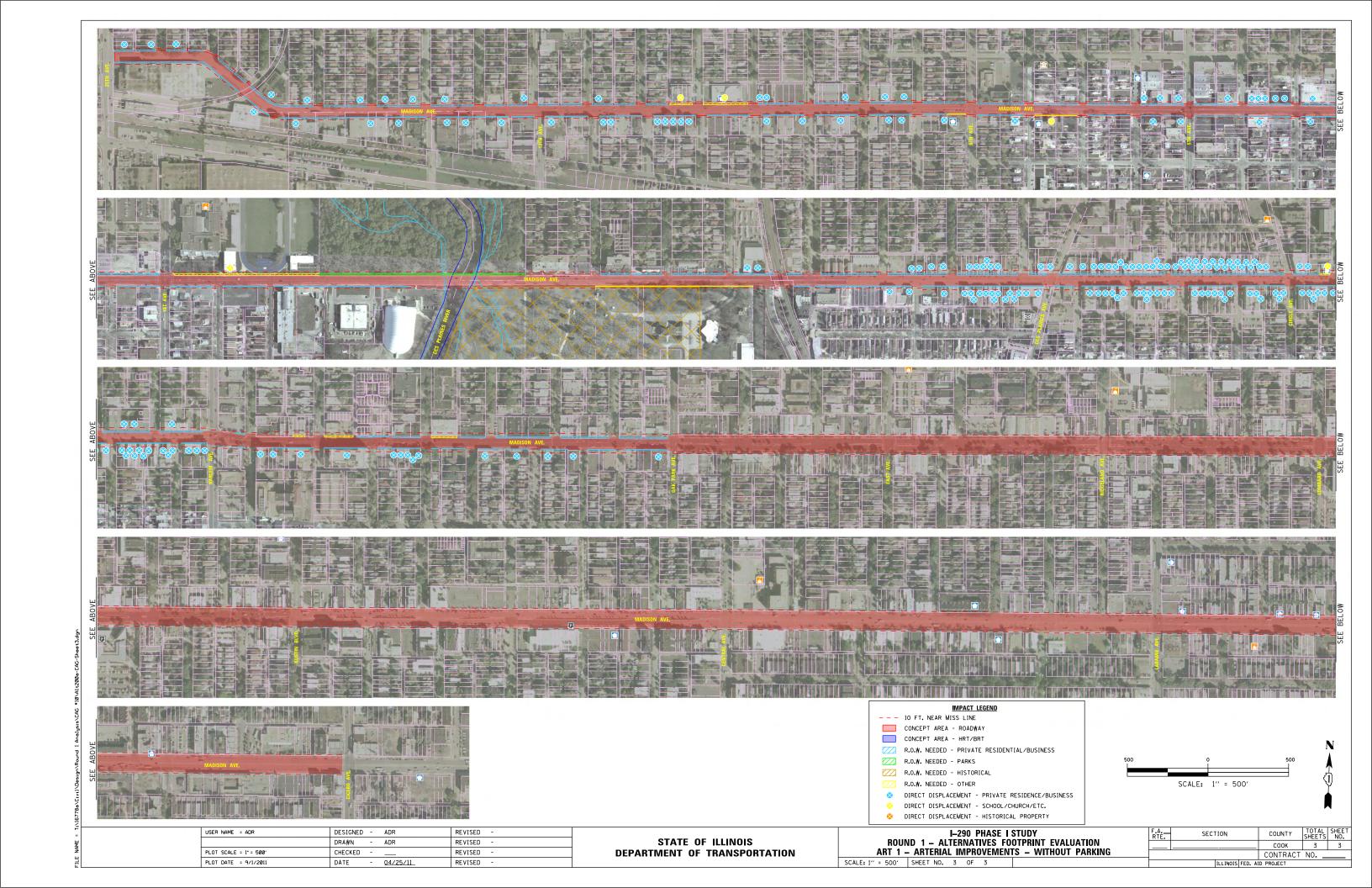
TOL 2



Roosevelt and Madison Improvements – Without Parking
ART 1







Roosevelt and Madison Improvements – With Parking ART 2

