

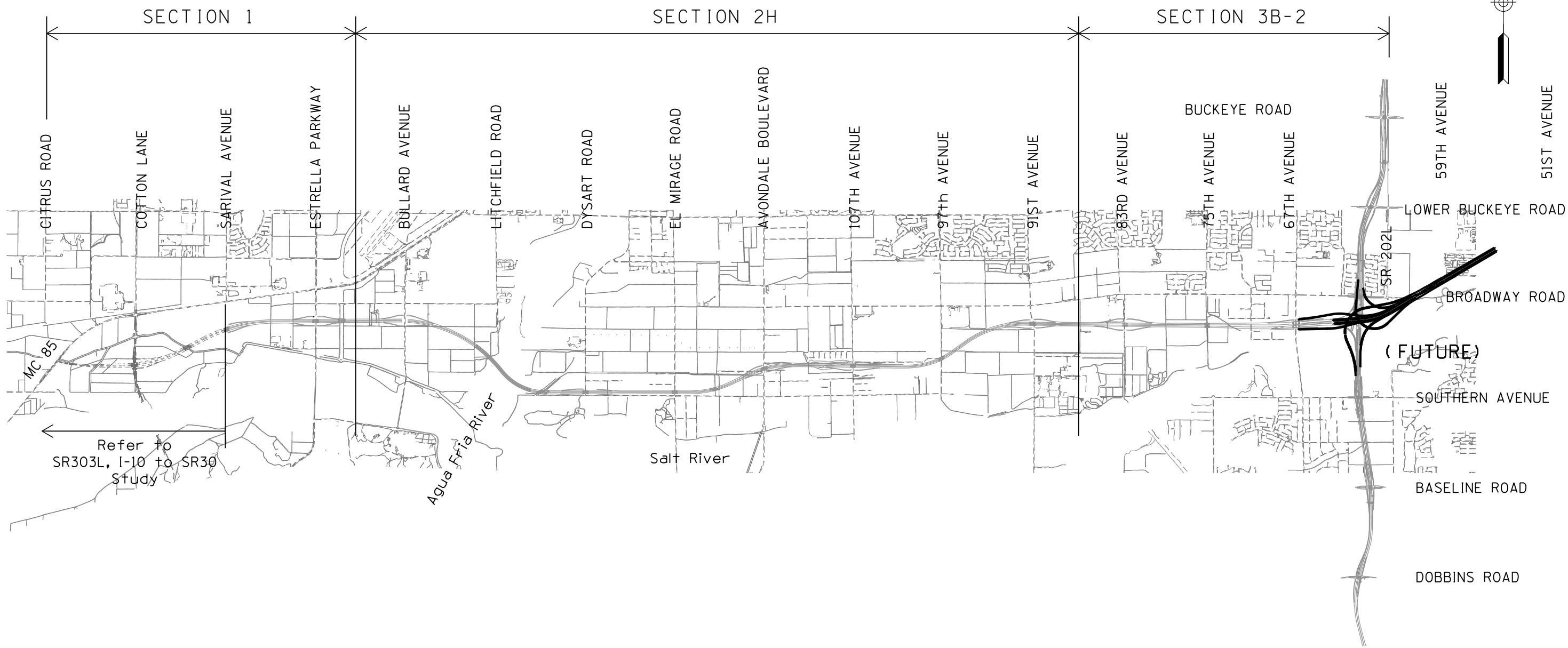
Appendix D

Future Expansion for the SR 30/SR 202L System Traffic Interchange: Eastern Leg of Interchange and HOV Ramps

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



FUTURE

- | | | |
|---------|----------------------|------------------------------|
| 1 | C-01.01F | Key Map - (FUTURE) |
| 2 - 4 | C-02.01F to C-02.03F | Geometric Summary Sheets |
| 5 - 11 | C-02.04F to C-02.09F | Geometric Layout Sheets |
| 12 - 15 | C-03.01F to C-03.05F | Paving Plan & Profile Sheets |
| 16 - 19 | C-04.01F to C-04.04F | Ramp Profile Sheets |

(FUTURE)

Call BLUE STAKE CENTER two working days before you dig.
602-263-1100
 Within Maricopa County
 OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
HR		HOR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		KEY MAP (FUTURE)	DWG NO • C-01.01F
ROUTE	LOCATION	SR 30 SR 303L TO SR 202L			
TRACS NO.	H6876 OIL				418 OF 465

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


030 MA 000

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings							G.A.F. = 1.00016	
	WB SR 30												
367B	WB SR 30 Cst & PI	98+28.55	N=874875.1713	E=614441.1114									
368B	WB SR 30 Cst & PC	115+42.41	N=874997.9719	E=616150.5649									
369B	WB SR 30 Cst & PI	124+69.94	N=875064.4311	E=617075.7152	SIMPLE	Δ=26°06'38"	D=1°25'57"	R=4000.00	T=927.53	L=1822.85	Ext=106.13		
370B	WB SR 30 Cst & PT	133+65.26	N=875531.2693	E=617877.2027									
371B	WB SR 30 Cst & POE	204+97.76	N=879121.1350	E=624040.4345									
	EB SR 30												
311B	EB SR 30 Cst & PI	78+36.66	N=874702.0875	E=614459.7798									
312B	EB SR 30 Cst & PC	95+45.01	N=874824.5085	E=616163.7446									
313B	EB SR 30 Cst & PI	105+12.16	N=874893.8147	E=617128.4100	SIMPLE	Δ=26°06'34"	D=1°22'25"	R=4171.00	T=967.15	L=1900.71	Ext=110.66		
314B	EB SR 30 Cst & PT	114+45.73	N=875380.5869	E=617964.1346									
315B	EB SR 30 Cst & POE	185+78.87	N=878970.7335	E=624127.9502									
	67th Ave Ramp C												
800F	67th Ave Ramp C Cst & POB	0+00.00	N=874930.4177	E=612393.2299									
801F	67th Ave Ramp C Cst & PC	5+69.49	N=874989.0853	E=612959.6947									
802F	67th Ave Ramp C Cst & PI	7+11.03	N=875003.6663	E=613100.4818	SIMPLE	Δ=4°03'55"	D=1°26'12"	R=3988.00	T=141.54	L=282.96	Ext=2.51		
803F	67th Ave Ramp C Cst & PT	8+52.46	N=875028.1916	E=613239.8810									
804F	67th Ave Ramp C Cst & PC	21+30.56	N=875249.6545	E=614498.6540									
805F	67th Ave Ramp C Cst & PI	25+23.35	N=875317.7139	E=614885.4970	SIMPLE	Δ=17°22'45"	D=2°13'46"	R=2570.00	T=392.78	L=779.54	Ext=29.84		
806F	67th Ave Ramp C Cst & PT	29+10.10	N=875267.1195	E=615275.0092									
807F	67th Ave Ramp C Cst & PC	35+50.59	N=875184.6177	E=615910.1683									
808F	67th Ave Ramp C Cst & PI	46+03.12	N=875049.0423	E=616953.9267	SIMPLE	Δ=37°37'12"	D=1°51'15"	R=3090.00	T=1052.53	L=2028.88	Ext=174.34		
809F	67th Ave Ramp C Cst & PT	55+79.47	N=875578.7905	E=617863.4205									
810F	68th Ave Ramp C Cst & POE	56+67.46	N=875623.0775	E=617939.4543									
	67th Ave Ramp D												
900F	67th Ave Ramp D Cst & POB	-0+00.14	N=874359.7709	E=612395.3984									
901F	67th Ave Ramp D Cst & PC	19+64.27	N=874408.2086	E=614359.2072									
902F	67th Ave Ramp D Cst & PI	24+38.53	N=874419.9028	E=614833.3261	SIMPLE	Δ=15°22'53"	D=1°37'53"	R=3512.00	T=474.26	L=942.82	Ext=31.88		
903F	67th Ave Ramp D Cst & PT	29+07.09	N=874556.9356	E=615287.3609									
904F	67th Ave Ramp D Cst & PC	30+10.50	N=874586.8143	E=615386.3586									
905F	67th Ave Ramp D Cst & PI	35+23.74	N=874735.1093	E=615877.7089	SIMPLE	Δ=9°43'02"	D=0°56'56"	R=6038.00	T=513.24	L=1024.02	Ext=21.77		
906F	67th Ave Ramp D Cst & PT	40+34.52	N=874798.3447	E=616387.0397									
907F	68th Ave Ramp D Cst & POE	41+34.39	N=874810.6492	E=616486.1471									

CENTERLINE CONTROL POINT AND CURVE DATA TABLE

All bearings and angles have been rounded to the nearest second.
Use the control points provided and their respective state plane coordinates to re-establish the centerline of each roadway.

(FUTURE)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO • C-02.01F
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
		HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		SR 30 (FUTURE) GEOMETRIC DATA SHEET	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL		419 OF 465		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


030 MA 000

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings							G.A.F. = 1.00016	
	Ramp NE												
3000F	Ramp NE Cst & POB	-0+43.61	N=872714.3178	E=616135.2292									
3001F	Ramp NE Cst & PC	1+07.86	N=872865.7681	E=616137.0722									
3002F	Ramp NE Cst & PI	4+56.44	N=873214.3299	E=616141.3138	SIMPLE	Δ=11°23'41"	D=1°38'23"	R=3494.00	T=348.59	L=694.88	Ext=17.35		
3003F	Ramp NE Cst & PT	8+02.73	N=873555.1832	E=616214.3365									
3004F	Ramp NE Cst & PC	9+77.51	N=873726.0825	E=616250.9492									
3005F	Ramp NE Cst & PI	16+84.38	N=874417.2693	E=616399.0258	SIMPLE	Δ=46°44'08"	D=3°30'08"	R=1636.00	T=706.87	L=1334.47	Ext=146.18		
3006F	Ramp NE Cst & PT	23+11.98	N=874783.1552	E=617003.8344									
3007F	Ramp NE Cst & PC	27+71.54	N=875021.0324	E=617397.0448									
3008F	Ramp NE Cst & PI	29+37.00	N=875106.6729	E=617538.6084	SIMPLE	Δ=5°25'20"	D=1°38'23"	R=3494.00	T=165.45	L=330.66	Ext=3.92		
3009F	Ramp NE Cst & PRC	31+02.20	N=875178.5532	E=617687.6311									
3010F	Ramp NE Cst & PI	32+63.80	N=875248.7594	E=617833.1832	SIMPLE	Δ=4°28'08"	D=1°23'00"	R=4141.74	T=161.60	L=323.03	Ext=3.15		
3011F	Ramp NE Cst & PT	34+25.24	N=875330.0931	E=617972.8226									
	Ramp WS												
4000F	Ramp WS Cst & POB	-0+00.74	N=871405.3005	E=615901.6658									
4001F	Ramp WS Cst & PI	0+47.77	N=871453.8112	E=615901.8490									
4002F	Ramp WS Cst & PC	0+96.29	N=871502.3187	E=615902.4393									
4003F	Ramp WS Cst & PI	10+41.65	N=872447.6131	E=615913.9424	SIMPLE	Δ=24°36'19"	D=1°19'18"	R=4334.89	T=945.36	L=1861.58	Ext=101.89		
4004F	Ramp WS Cst & PT	19+57.87	N=873311.8626	E=615530.8150									
4005F	Ramp WS Cst & PC	23+28.02	N=873650.2570	E=615380.8027									
4006F	Ramp WS Cst & PI	40+93.13	N=875263.9110	E=614665.4595	SIMPLE	Δ=102°50'32"	D=4°04'09"	R=1408.00	T=1765.10	L=2527.27	Ext=849.89		
4007F	Ramp WS Cst & PT	48+55.29	N=875602.6981	E=616397.7466									
4008F	Ramp WS Cst & PC	62+27.56	N=875866.0860	E=617744.5023									
4009F	Ramp WS Cst & PI	68+06.04	N=875977.1167	E=618312.2250	SIMPLE	Δ=14°42'55"	D=1°16'44"	R=4480.00	T=578.48	L=1150.59	Ext=37.19		
4010F	Ramp WS Cst & PT	73+78.15	N=876228.7152	E=618833.1233									
4011F	Ramp WS Cst & PC	80+37.77	N=876515.6043	E=619427.0860									
4012F	Ramp WS Cst & PI	81+73.40	N=876574.5939	E=619549.2153	SIMPLE	Δ=4°26'18"	D=1°38'13"	R=3500.00	T=135.63	L=271.12	Ext=2.63		
4013F	Ramp WS Cst & PT	83+08.89	N=876642.8577	E=619666.4135									
4014F	Ramp WS Cst & POE	84+08.59	N=876693.0382	E=619752.5655									
	Ramp WN												
5000F	Ramp WN Cst & POB	-0+00.08	N=876116.2379	E=618786.1328									
5001F	Ramp WN Cst & PC	2+25.97	N=876002.4650	E=618590.8026									
5002F	Ramp WN Cst & PI	4+51.10	N=875889.1518	E=618396.2618	SIMPLE	Δ=7°10'51"	D=1°35'49"	R=3588.00	T=225.14	L=449.68	Ext=7.06		
5003F	Ramp WN Cst & PT	6+75.65	N=875801.0452	E=618189.0825									
5004F	Ramp WN Cst & PC	8+91.72	N=875716.4852	E=617990.2426									

CENTERLINE CONTROL POINT AND CURVE DATA TABLE

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(FUTURE)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO • C-02.02F
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
		HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		SR 30 (FUTURE) GEOMETRIC DATA SHEET	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL		420 OF 465		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


030 MA 000

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings							G.A.F. = 1.00016	
			N	E	Δ	D	R	T	L	Ext			
5005F	Ramp WN Cst & PI	24+40.07	N=875110.5411	E=616565.3874	SIMPLE	Δ=103°53'40"	D=4°43'39"	R=1212.00	T=1548.35	L=2197.72	Ext=754.30		
5006F	Ramp WN Cst & PCC	30+89.44	N=876639.2124	E=616319.3298									
5007F	Ramp WN Cst & PI	34+30.71	N=876976.1456	E=616265.0964	SIMPLE	Δ=9°50'28"	D=1°26'43"	R=3964.00	T=341.27	L=680.86	Ext=14.66		
5008F	Ramp WN Cst & PT	37+70.31	N=877317.3904	E=616269.2490									
5009F	Ramp WN Cst & POE	38+71.25	N=877418.3309	E=616270.4773									
	Ramp SE												
6000F	Ramp SE Cst & POB	-0+00.13	N=877993.1837	E=616059.4565									
6001F	Ramp SE Cst & PC	0+99.87	N=877893.1911	E=616058.2397									
6002F	Ramp SE Cst & PI	2+78.99	N=877714.0819	E=616056.0602	SIMPLE	Δ=4°33'32"	D=1°16'24"	R=4500.00	T=179.12	L=358.06	Ext=3.56		
6003F	Ramp SE Cst & PT	4+57.93	N=877535.7125	E=616039.6512									
6004F	Ramp SE Cst & PC	16+56.77	N=876341.9113	E=615929.8280									
6005F	Ramp SE Cst & PI	17+45.81	N=876253.2492	E=615921.6716	SIMPLE	Δ=2°32'34"	D=1°25'41"	R=4012.00	T=89.04	L=178.04	Ext=0.99		
6006F	Ramp SE Cst & PT	18+34.81	N=876164.3125	E=615917.4565									
6007F	Ramp SE Cst & PC	24+49.27	N=875550.5449	E=615888.3677									
6008F	Ramp SE Cst & PI	52+28.14	N=872774.7931	E=615756.8140	SIMPLE	Δ=137°03'29"	D=5°14'31"	R=1093.00	T=2778.87	L=2614.58	Ext=1893.09		
6009F	Ramp SE Cst & PT	50+63.85	N=874717.1435	E=617744.1186									
6010F	Ramp SE Cst & PC	62+81.11	N=875567.9756	E=618614.6425									
6011F	Ramp SE Cst & PI	67+13.20	N=875869.9928	E=618923.6496	SIMPLE	Δ=14°07'24"	D=1°38'34"	R=3488.00	T=432.09	L=859.80	Ext=26.66		
6012F	Ramp SE Cst & PT	71+40.91	N=876087.4791	E=619297.0119									
6013F	Ramp SE Cst & POE	72+41.79	N=876138.2571	E=619384.1832									
	Future Transit Corridor												
100TC	Future Transit Corridor Cst & POB	0+00.00	N=874378.9820	E=604619.7992									
101TC	Future Transit Corridor Cst & PC	33+72.69	N=874347.3728	E=607992.3380									
102TC	Future Transit Corridor Cst & PI	41+87.86	N=874339.7329	E=608807.4742	SIMPLE	Δ=8°51'27"	D=0°32'40"	R=10525.00	T=815.17	L=1627.10	Ext=31.52		
103TC	Future Transit Corridor Cst & PRC	49+99.78	N=874457.6975	E=609614.0657									
104TC	Future Transit Corridor Cst & PI	56+49.27	N=874551.6854	E=610256.7146	SIMPLE	Δ=7°03'44"	D=0°32'40"	R=10525.00	T=649.49	L=1297.33	Ext=20.02		
105TC	Future Transit Corridor Cst & PRC	62+97.11	N=874565.9468	E=610906.0436									
106TC	Future Transit Corridor Cst & PI	69+38.40	N=874580.0283	E=611547.1813	SIMPLE	Δ=2°51'06"	D=0°13'21"	R=25764.05	T=641.29	L=1282.32	Ext=7.98		
107TC	Future Transit Corridor Cst & PT	75+79.43	N=874625.9897	E=612186.8244									
108TC	Future Transit Corridor Cst & PC	115+94.42	N=874913.7437	E=616191.4870									
109TC	Future Transit Corridor Cst & PI	125+07.77	N=874979.2034	E=617102.4873	SIMPLE	Δ=26°06'34"	D=1°27'17"	R=3938.97	T=913.35	L=1794.98	Ext=104.51		
110TC	Future Transit Corridor Cst & PT	133+89.39	N=875438.9035	E=617891.7164									
111TC	Future Transit Corridor Cst & POE	205+55.97	N=879045.9307	E=624084.3856									

CENTERLINE CONTROL POINT AND CURVE DATA TABLE

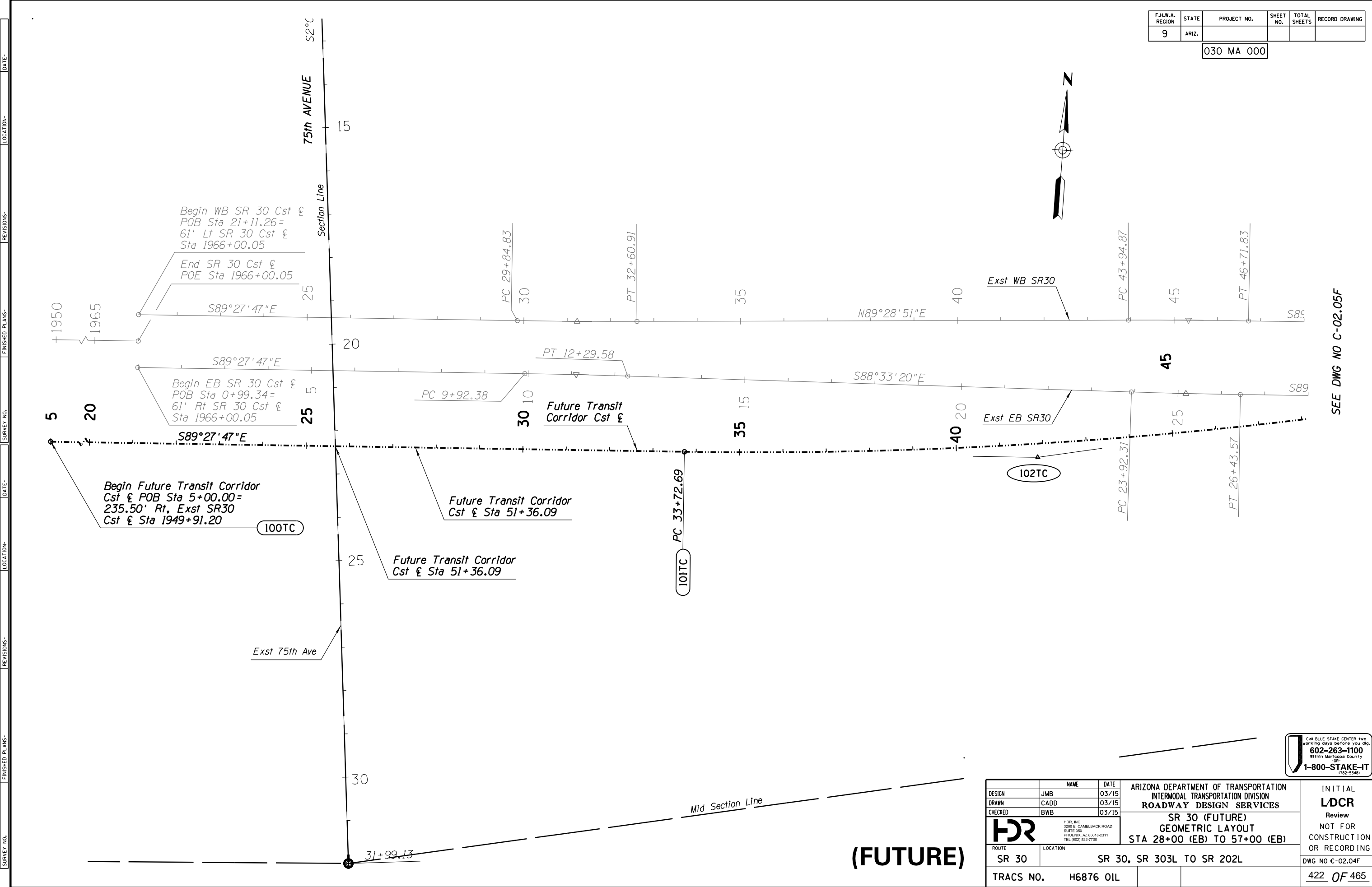
All bearings and angles have been rounded to the nearest second.
Use the control points provided and their respective state plane coordinates to re-establish the centerline of each roadway.

(FUTURE)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO • C-02.03F
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
		HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		SR 30 (FUTURE) GEOMETRIC DATA SHEET	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL		421 OF 465		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



SEE DWG NO C-02.05F

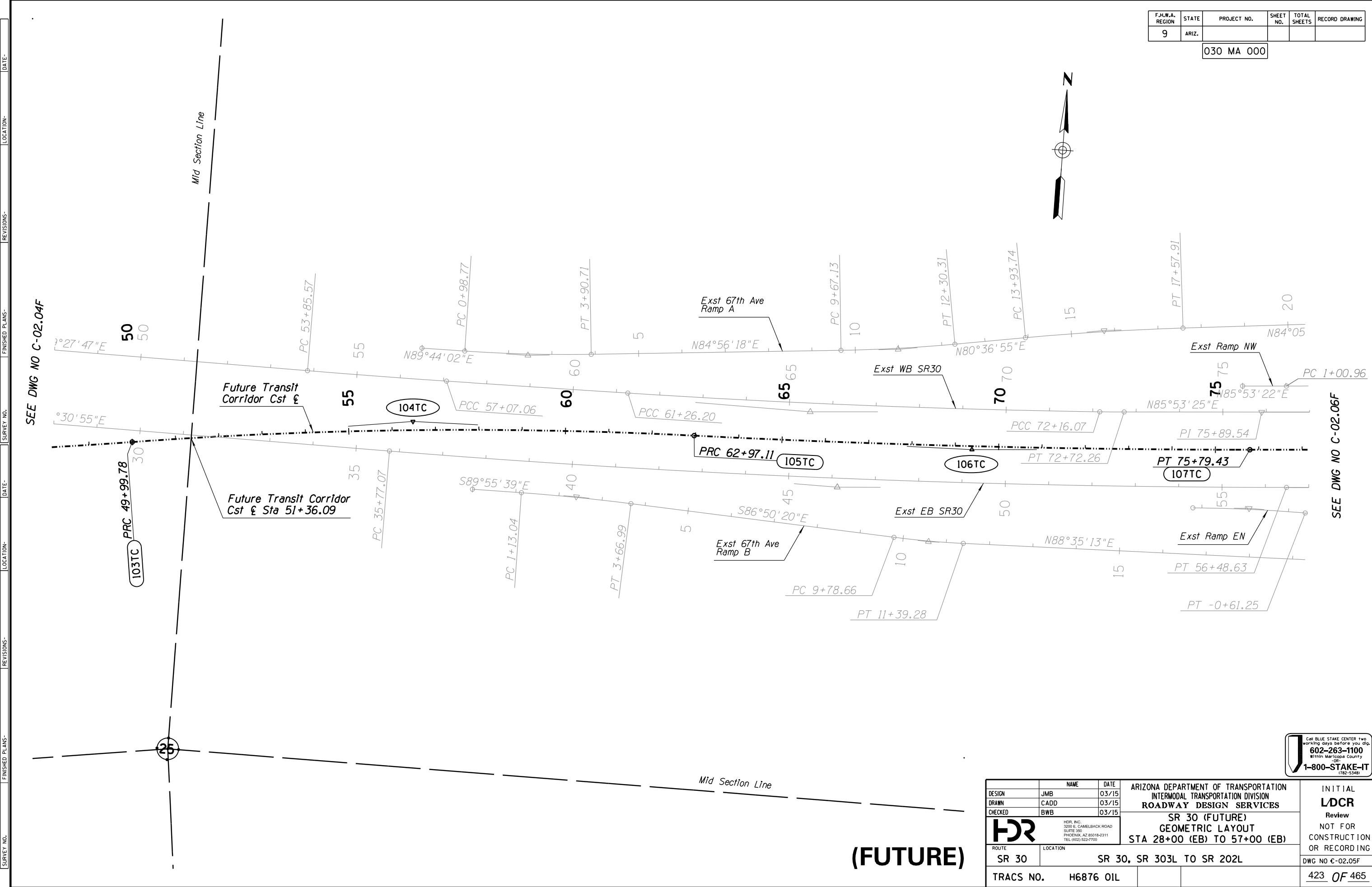
SURVEY NO. FINISHED PLANS- LOCATION- DATE- REVISIONS- FINISHED PLANS- LOCATION- DATE- REVISIONS- SURVEY NO.

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
		<small>HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		SR 30 (FUTURE) GEOMETRIC LAYOUT STA 28+00 (EB) TO 57+00 (EB)	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO C-02.04F
TRACS NO.	H6876 OIL				422 OF 465

Call BLUE STAKE CENTER two working days before you dig.
602-263-1100
 Within Maricopa County OR
1-800-STAKE-IT
(782-5348)

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



SEE DWG NO C-02.04F

SEE DWG NO C-02.06F

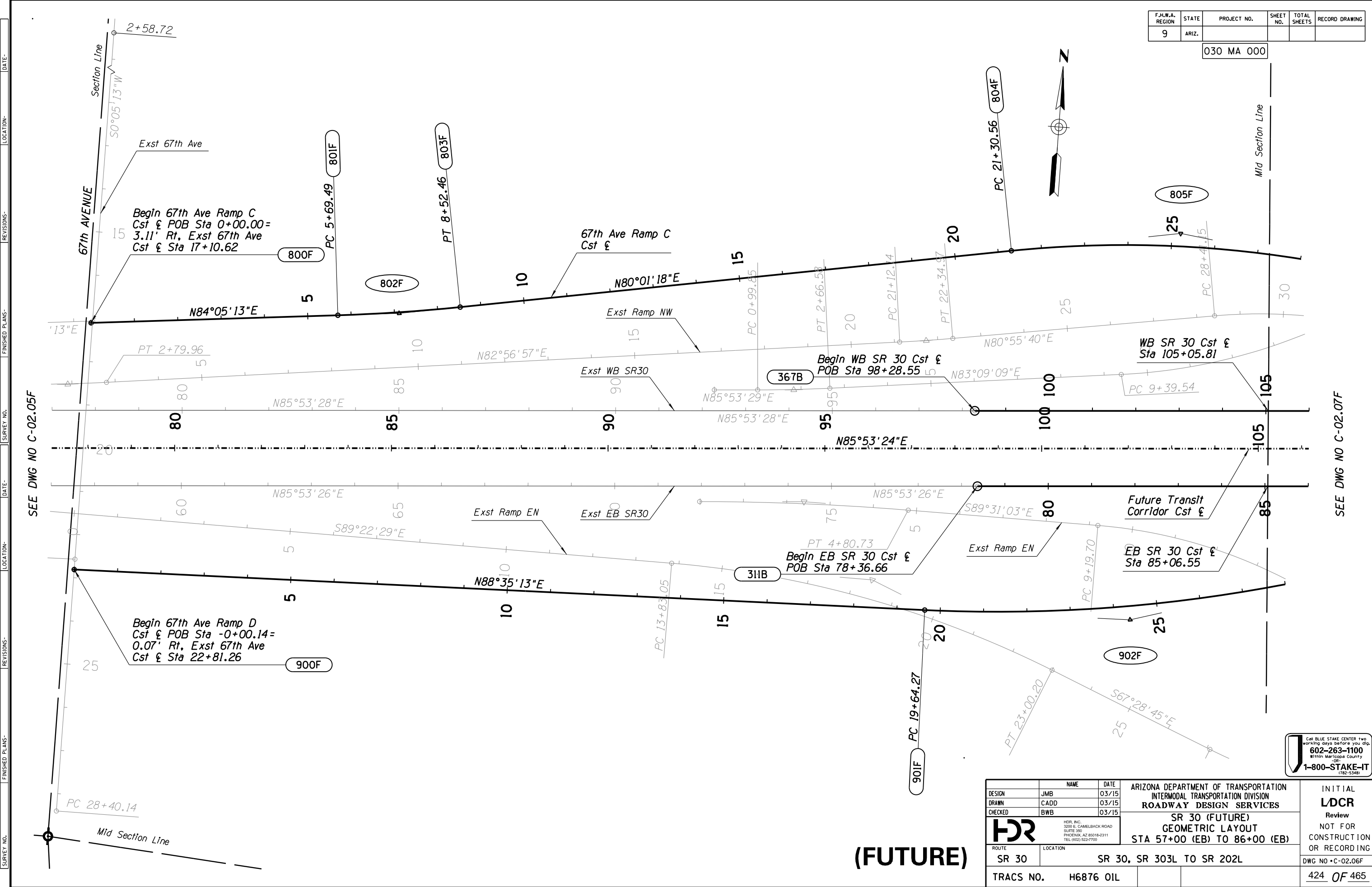
DATE: _____ LOCATION: _____ REVISIONS: _____ SURVEY NO. _____ FINISHED PLANS: _____

Call BLUE STAKE CENTER two working days before you dig.
602-263-1100
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DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
HR		<small>HR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		SR 30 (FUTURE) GEOMETRIC LAYOUT STA 28+00 (EB) TO 57+00 (EB)	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO C-02.05F
TRACS NO.	H6876 OIL				423 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



SEE DWG NO C-02.05F

SEE DWG NO C-02.07F

(FUTURE)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
HR		<small>HR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		SR 30 (FUTURE) GEOMETRIC LAYOUT STA 57+00 (EB) TO 86+00 (EB)	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO • C-02.06F
TRACS NO.	H6876 OIL				424 OF 465

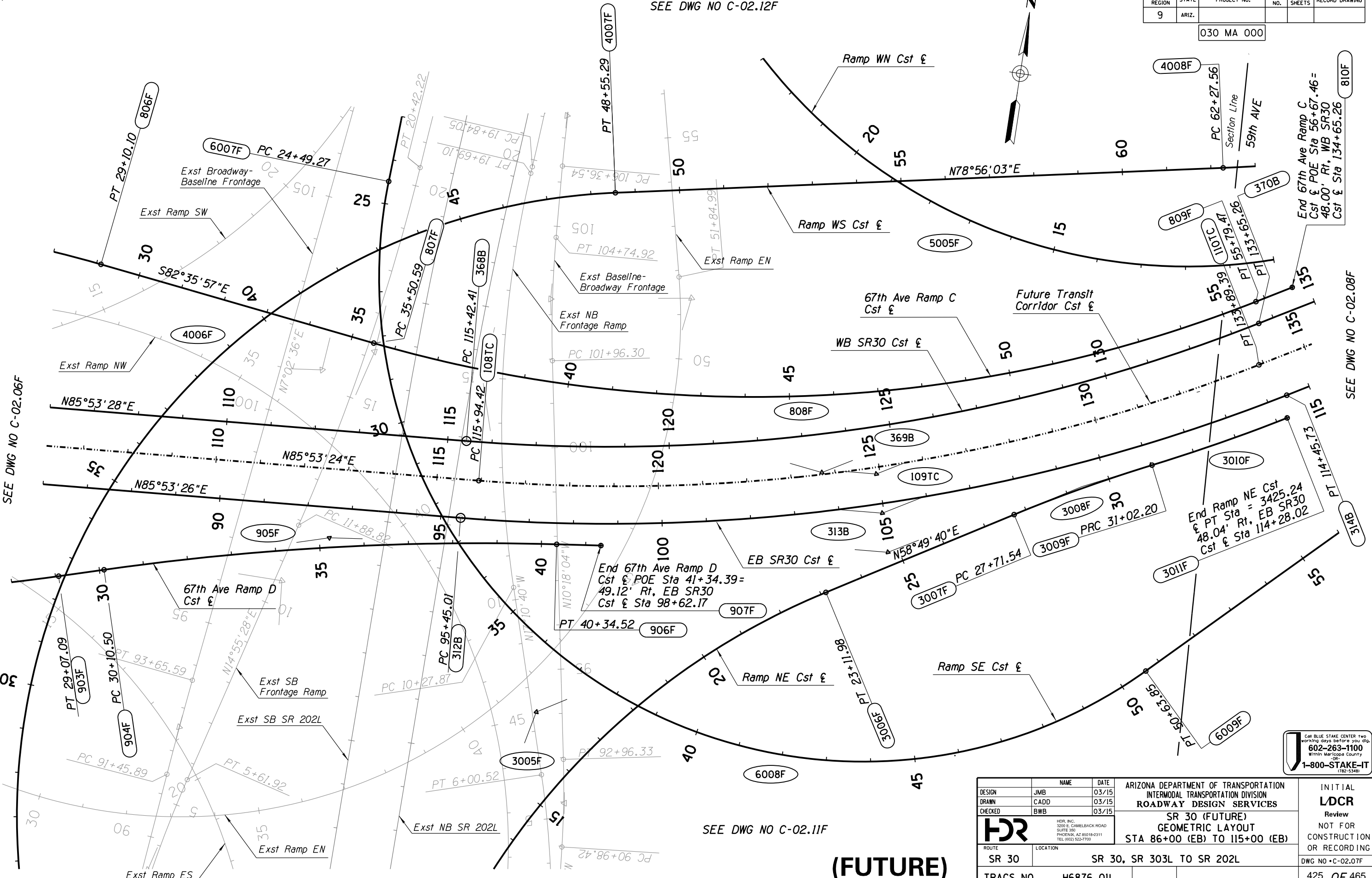
Call BLUE STAKE CENTER two working days before you dig.
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(782-5348)

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

SEE DWG NO C-02.12F

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



SEE DWG NO C-02.06F

SEE DWG NO C-02.08F

SEE DWG NO C-02.11F

(FUTURE)

DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15

ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES
SR 30 (FUTURE) GEOMETRIC LAYOUT STA 86+00 (EB) TO 115+00 (EB)
ROUTE: SR 30 LOCATION: SR 30, SR 303L TO SR 202L
TRACS NO. H6876 OIL

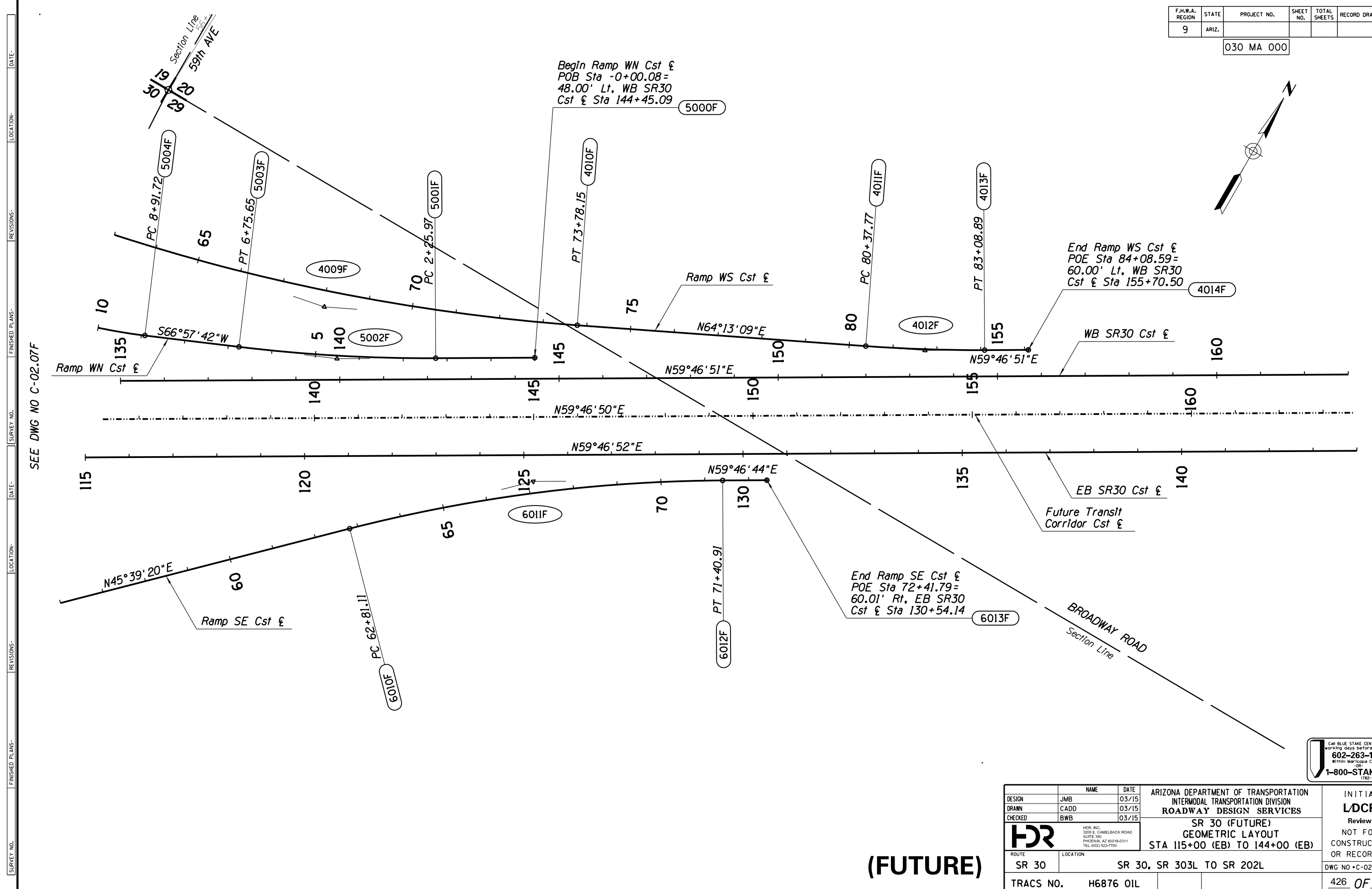
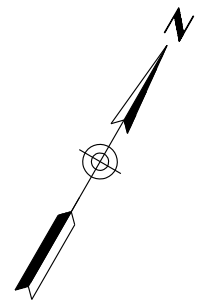
INITIAL LDCR
Review NOT FOR CONSTRUCTION OR RECORDING
DWG NO • C-02.07F 425 OF 465

CALL BLUE STAKE CENTER TWO WORKING DAYS BEFORE YOU DIG.
602-263-1100
Within Maricopa County
OR
1-800-STAKE-IT
(782-5348)

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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SEE DWG NO C-02.07F

SEE DWG NO C-02.09F

(FUTURE)

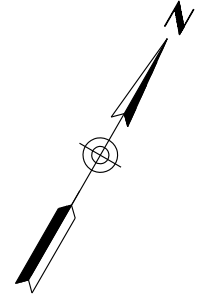
CALL BLUE STAKE CENTER two working days before you dig.
602-263-1100
 Within Maricopa County OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
HR		<small>HR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		SR 30 (FUTURE) GEOMETRIC LAYOUT STA 115+00 (EB) TO 144+00 (EB)	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO • C-02.08F
TRACS NO.	H6876 OIL				426 OF 465

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

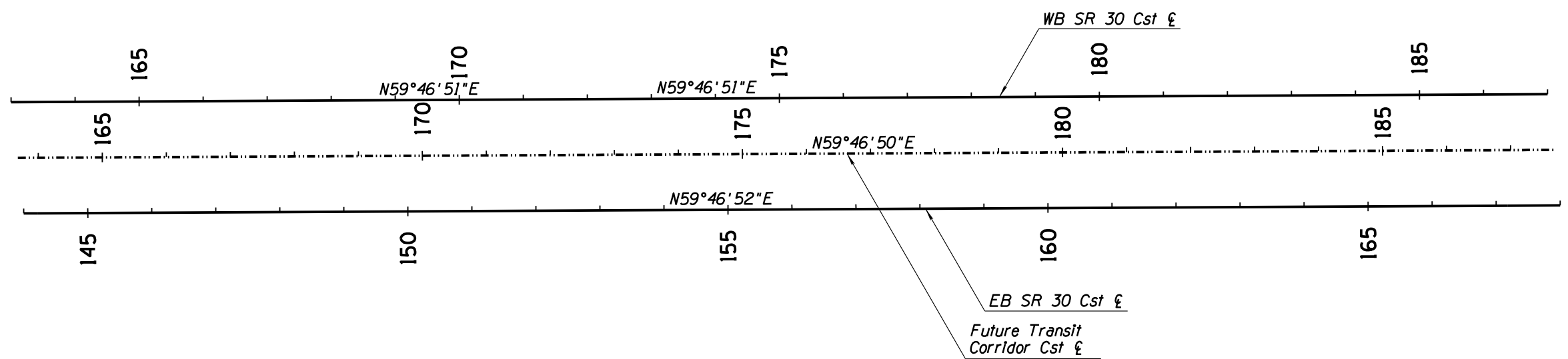
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



SEE DWG NO C-02.08F


SEE DWG NO C-02.10F



Section Line
BROADWAY ROAD

(FUTURE)

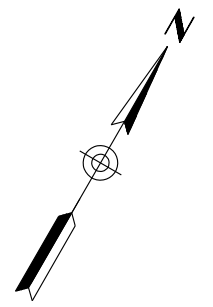
Call BLUE STAKE CENTER two working days before you dig.
602-263-1100
Within Maricopa County
OR
1-800-STAKE-IT
(782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
 <small>HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		SR 30 (FUTURE) GEOMETRIC LAYOUT STA 144+00 (EB) TO 168+00 (EB)		SR 30 (FUTURE) GEOMETRIC LAYOUT STA 144+00 (EB) TO 168+00 (EB)	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO • C-02.09F
TRACS NO.	H6876 OIL				427 OF 465

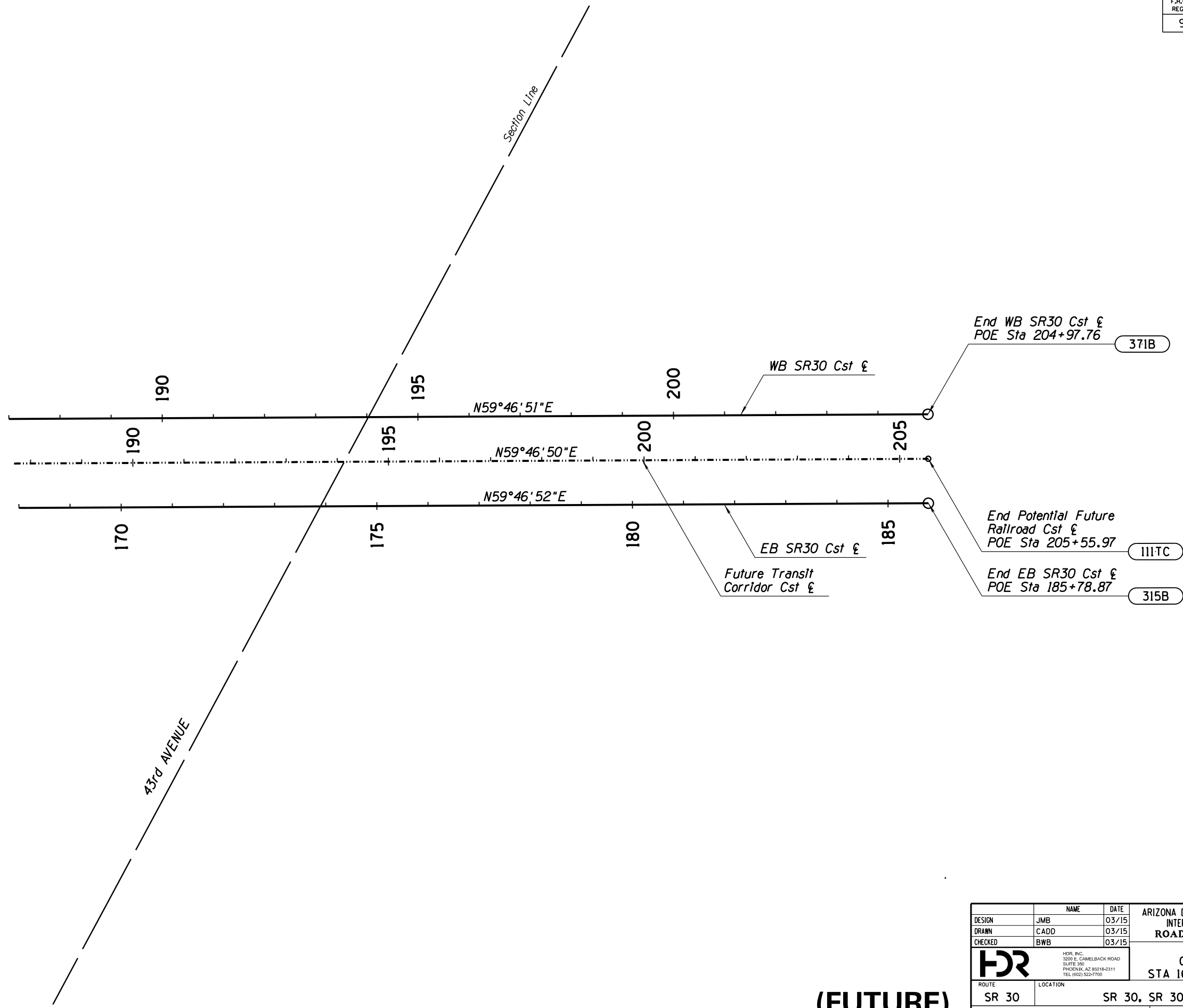
DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO. DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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SEE DWG NO C-02.09F



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

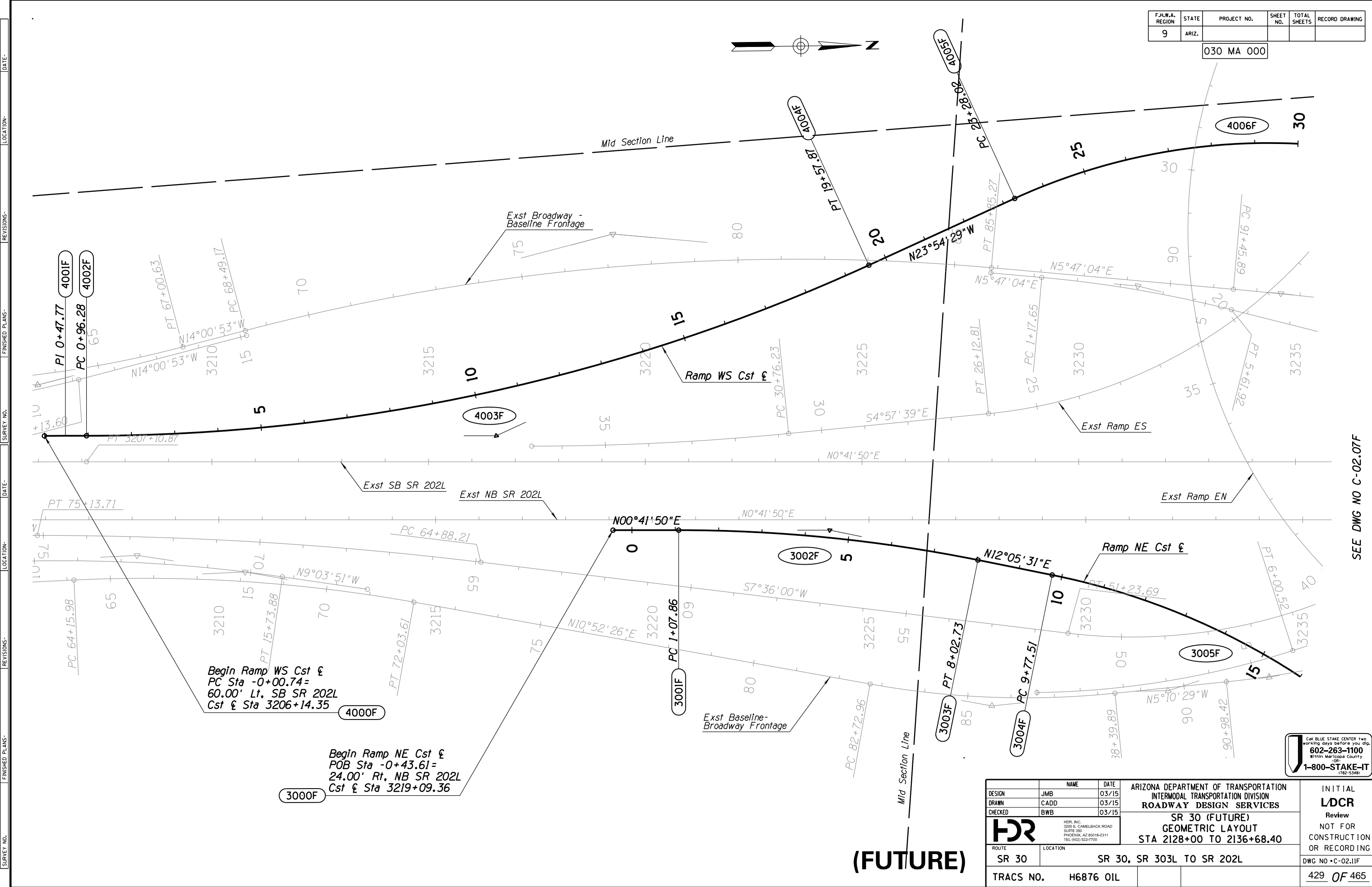
(FUTURE)

Call BLUE STAKE CENTER two working days before you dig.
602-263-1100
 Within Maricopa County OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
 <small>HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>				SR 30 (FUTURE) GEOMETRIC LAYOUT STA 168+00 (EB) TO POE (EB)	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO • C-02.10F
TRACS NO.	H6876 OIL				428 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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SEE DWG NO C-02.07F

Begin Ramp WS Cst &
PC Sta -0+00.74=
60.00' Lt, SB SR 202L
Cst & Sta 3206+14.35

Begin Ramp NE Cst &
POB Sta -0+43.61=
24.00' Rt, NB SR 202L
Cst & Sta 3219+09.36

(FUTURE)

DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES
SR 30 (FUTURE)
GEOMETRIC LAYOUT
STA 2128+00 TO 2136+68.40

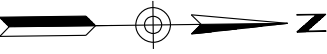
INITIAL	LDCR
Review	
NOT FOR CONSTRUCTION OR RECORDING	
DWG NO • C-02.11F	429 OF 465

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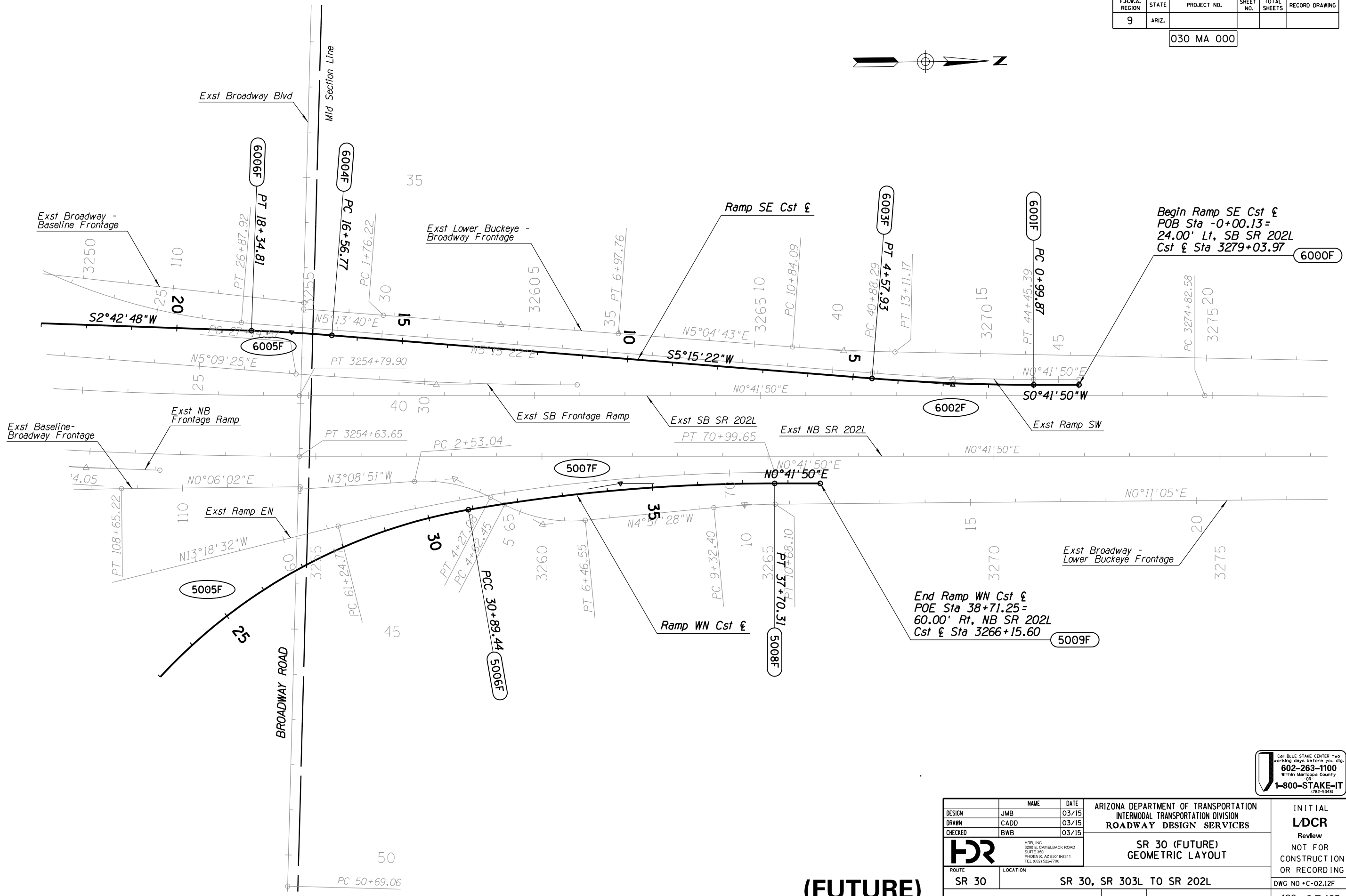
SURVEY NO. FINISHED PLANS- REVISIONS- DATE- LOCATION- FINISHED PLANS- REVISIONS- DATE- LOCATION- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



SEE DWG NO C-02.07F



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

(FUTURE)

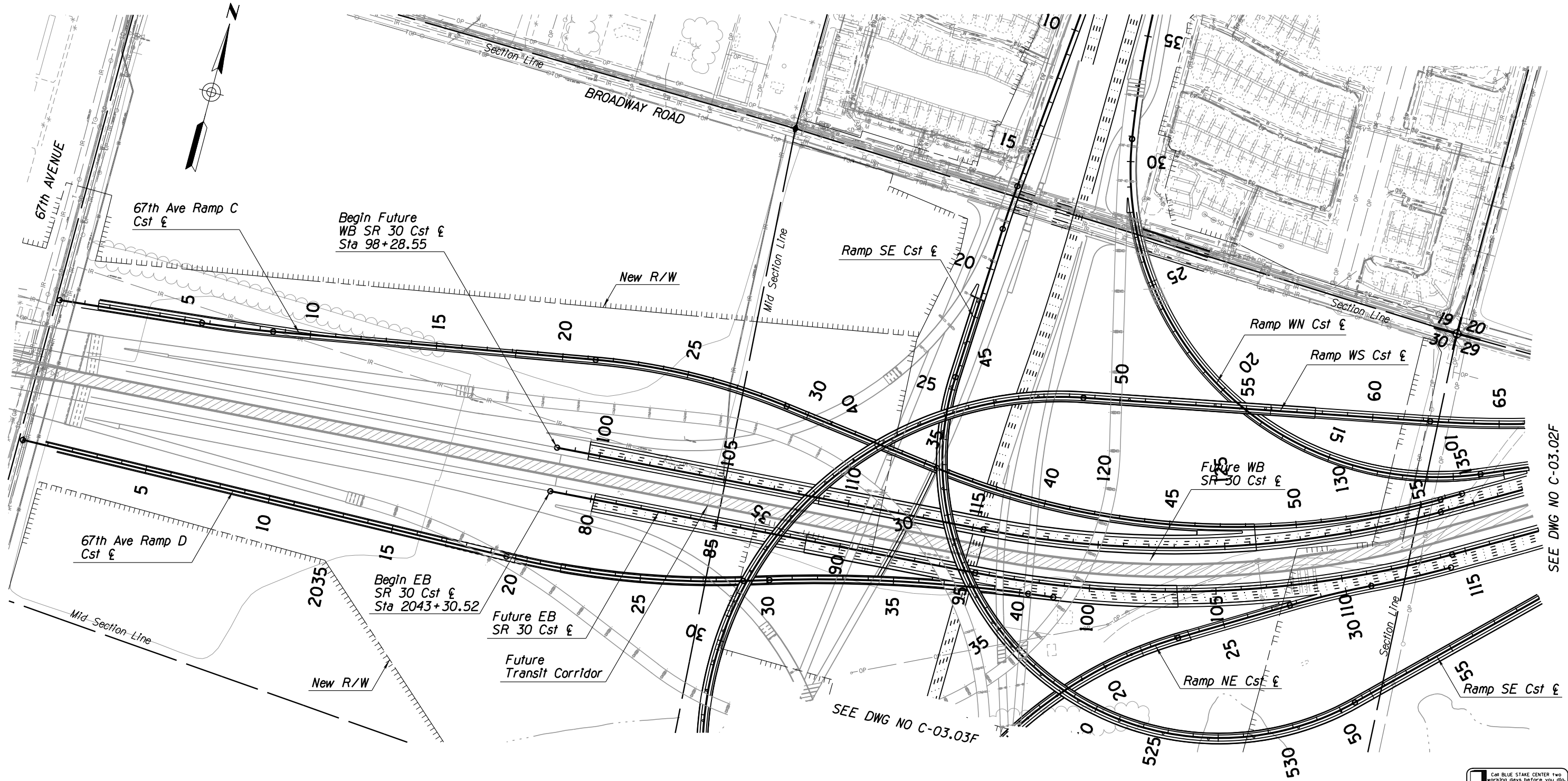
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602-263-1100
 Within Maricopa County OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
HR		HR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL: (602) 922-7700		SR 30 (FUTURE) GEOMETRIC LAYOUT	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL			430 OF 465	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000

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



SEE DWG NO C-03.02F

SEE DWG NO C-03.03F

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 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO •C-03.01F
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
		<small>HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		PLAN SHEET SR 30 (FUTURE) STA 2033+00 TO 2085+00	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL				431 OF 465

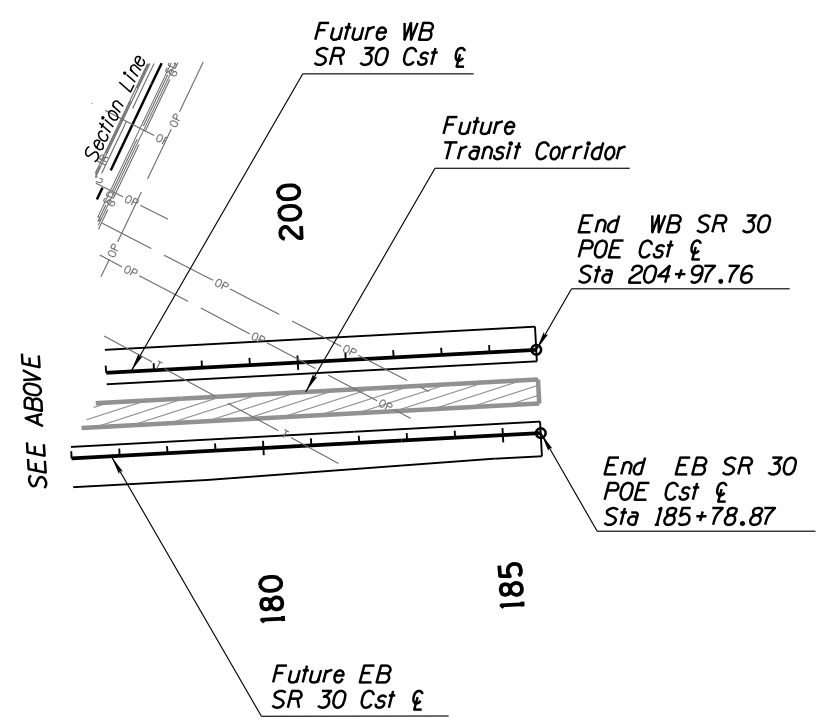
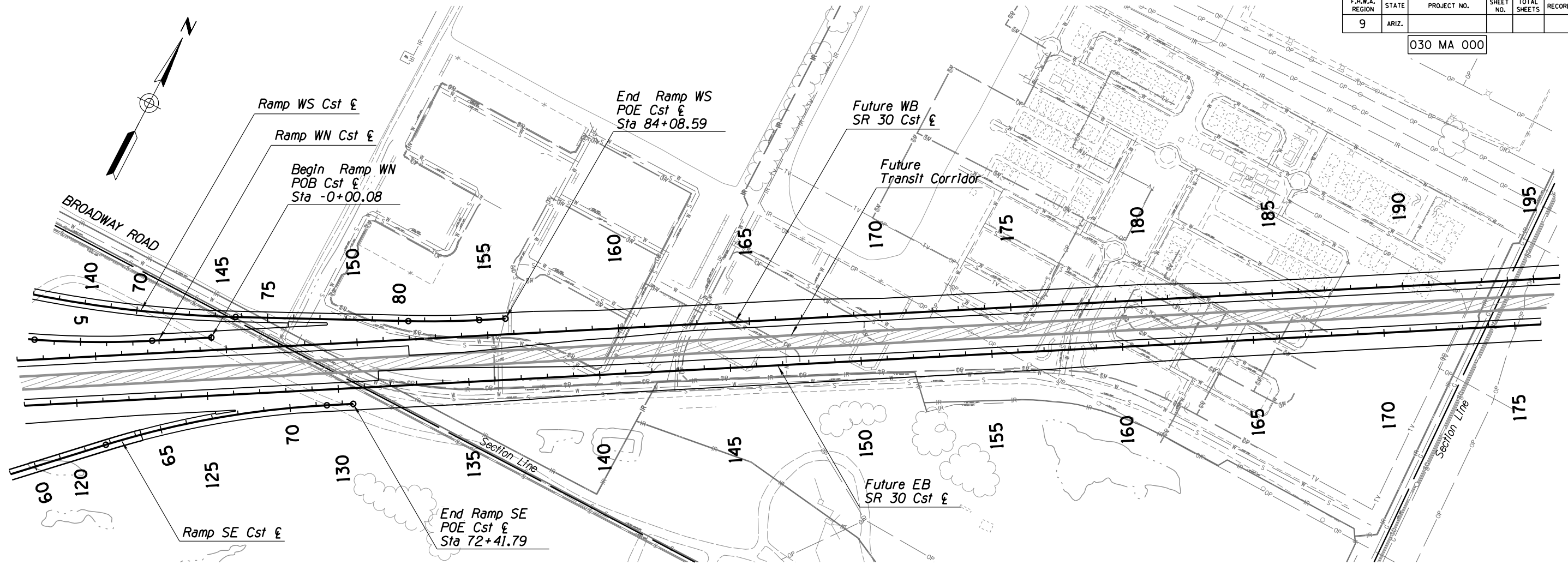
(FUTURE)

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000

SEE DWG NO C-03.01F

SEE BELOW



(FUTURE)

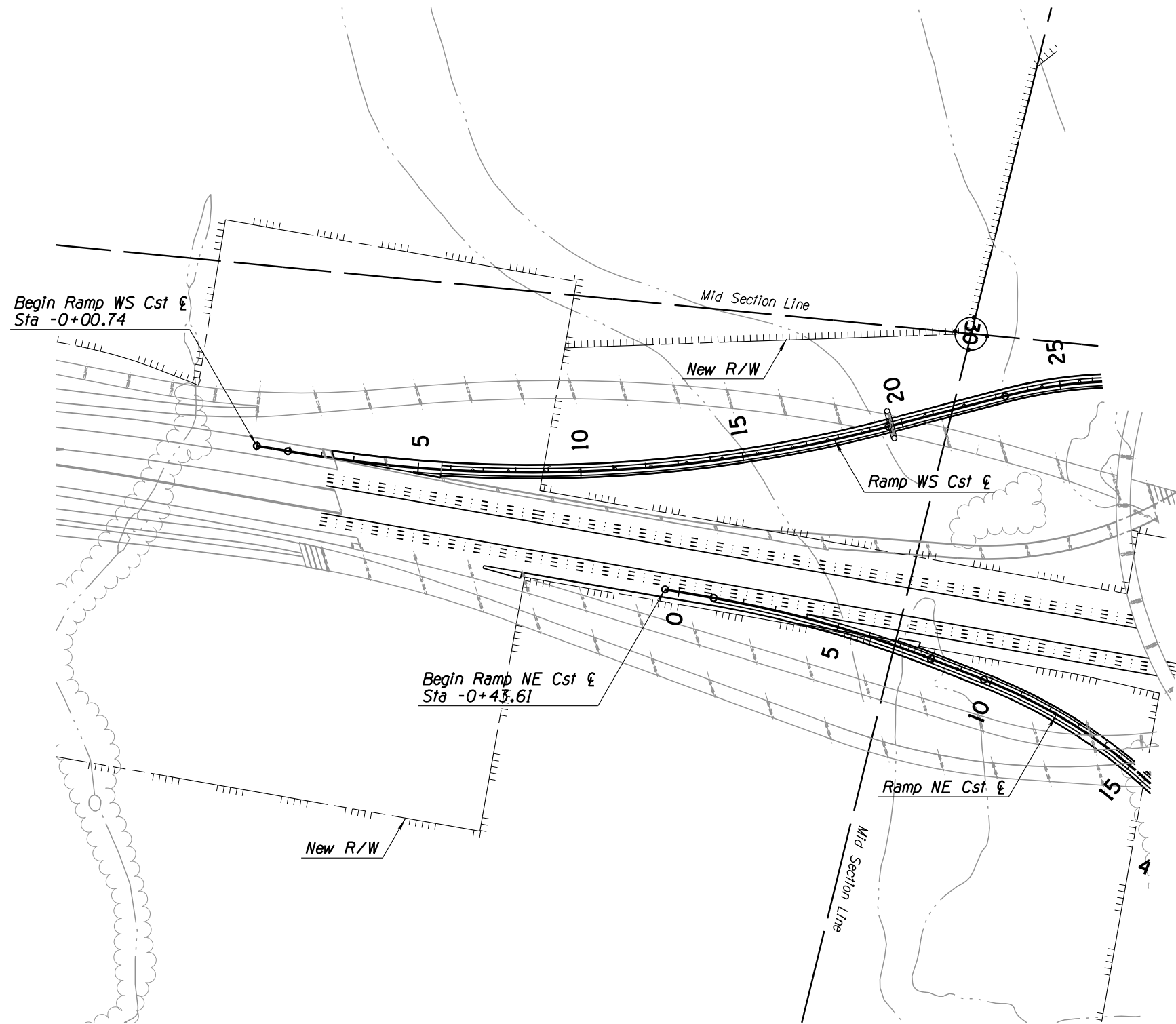
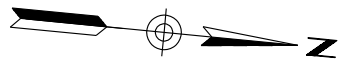
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 Within Maricopa County OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
DR		HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		PLAN SHEET SR 30 (FUTURE) STA 118+00 (EB) TO POE	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO • C-03.02F
TRACS NO.	H6876 OIL				432 OF 465

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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SEE DWG NO C-03.01F

(FUTURE)

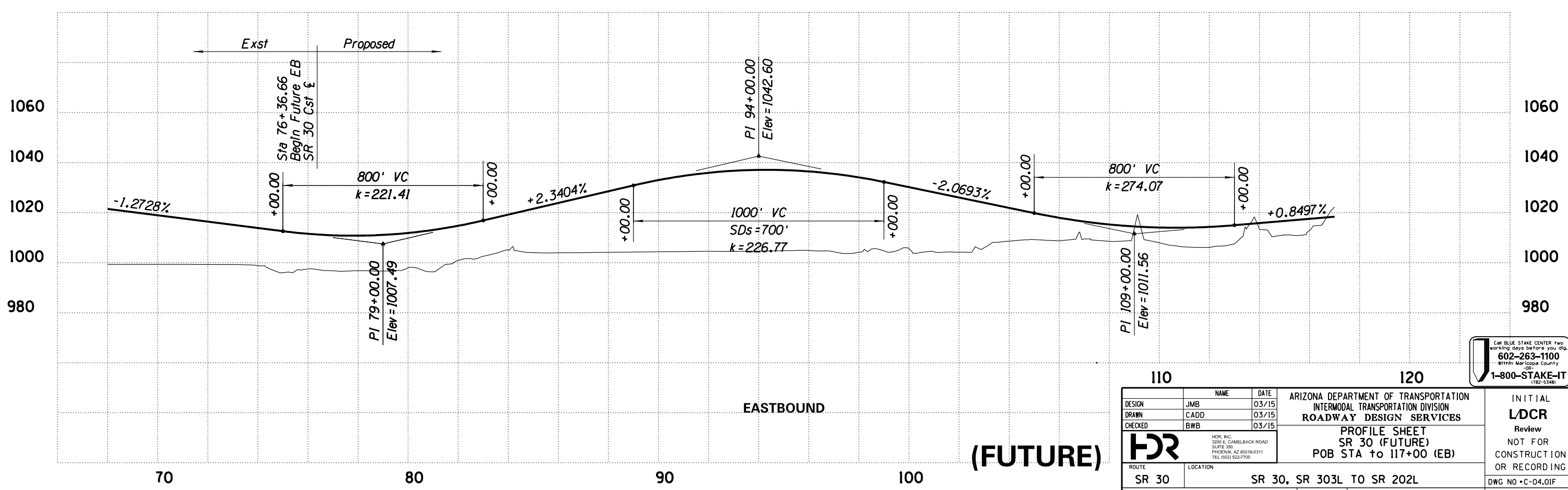
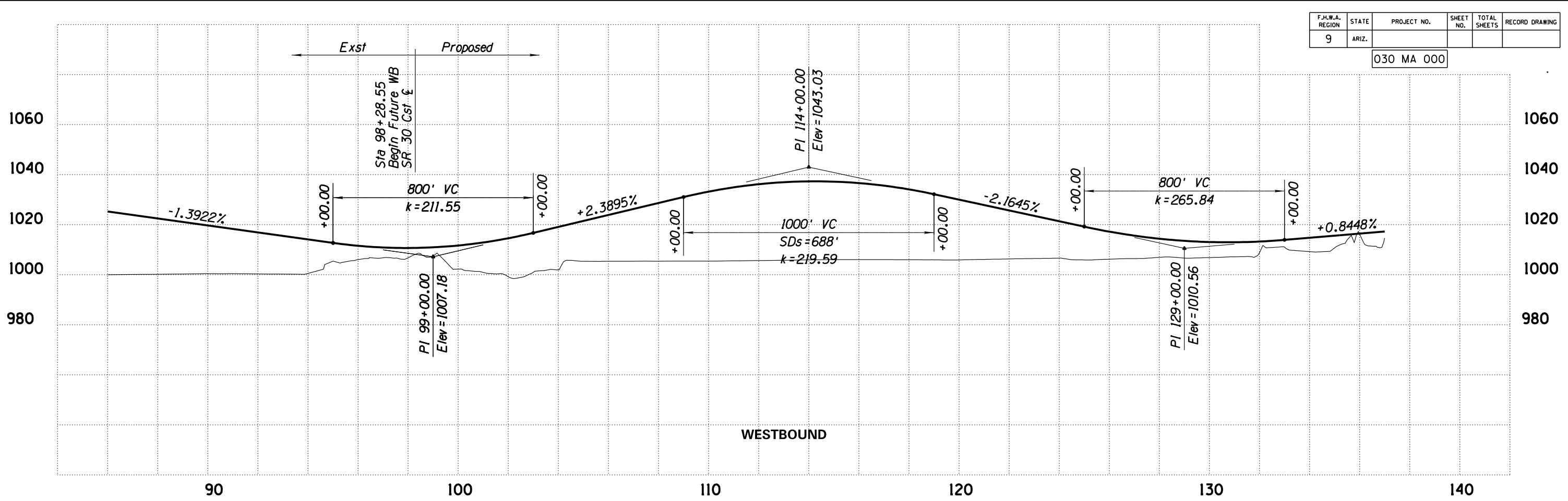
CALL BLUE STAKE CENTER two working days before you dig.
602-263-1100
 Within Maricopa County OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
HDR		HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		PLAN SHEET SR 30 (FUTURE) STA 2033+00 TO 2085+00	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO •C-03.03F
TRACS NO.	H6876 OIL				433 OF 465

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000

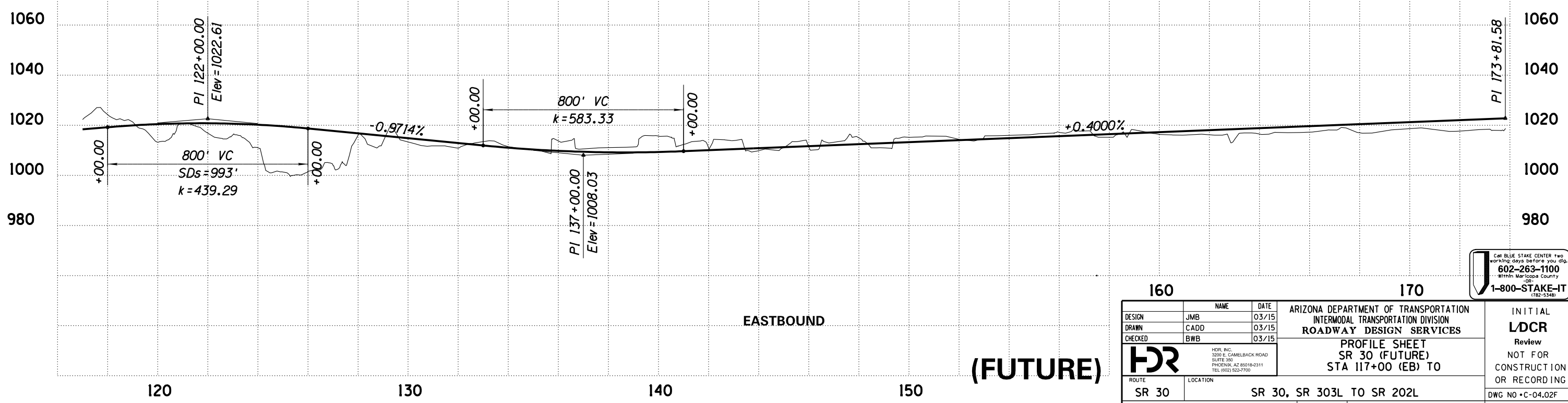
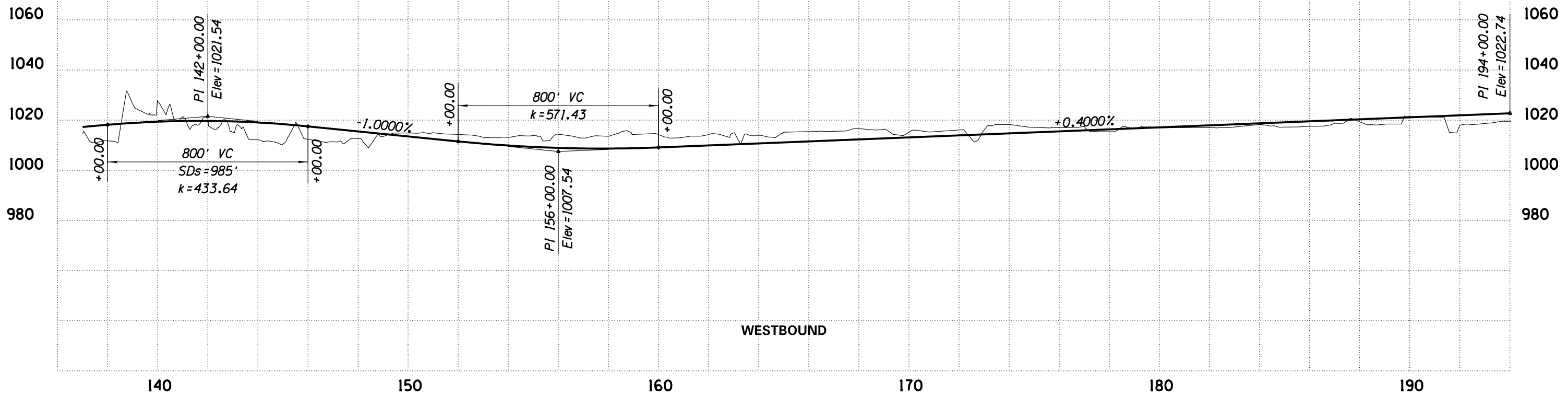



110		120		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES PROFILE SHEET SR 30 (FUTURE) POB STA to I17+00 (EB)	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO • C-04.OIF
DESIGN	JMB	DATE	03/15		
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
		HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL: (602) 922-7700		1-800-STAKE-IT (782-5348)	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL			434 OF 465	

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



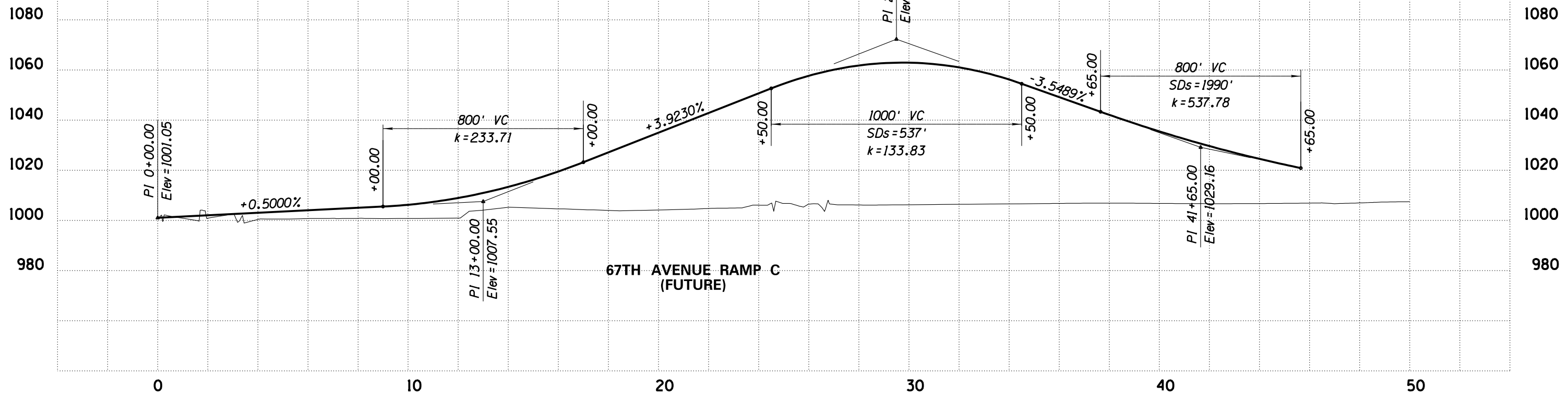
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DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
 HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700				PROFILE SHEET SR 30 (FUTURE) STA 117+00 (EB) TO	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L	DWG NO • C-04.02F	
TRACS NO.	H6876 OIL				435 OF 465

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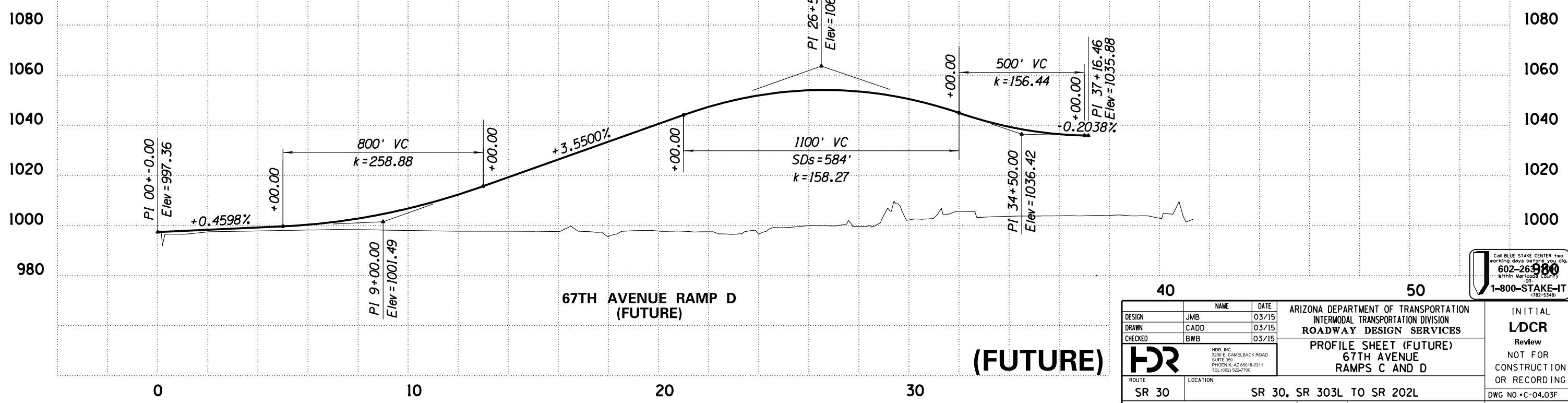
SURVEY NO. FINISHED PLANS- REVISIONS- LOCATION- DATE-
 SURVEY NO. FINISHED PLANS- REVISIONS- LOCATION- DATE-
 SURVEY NO. FINISHED PLANS- REVISIONS- LOCATION- DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000




67TH AVENUE RAMP C
(FUTURE)



67TH AVENUE RAMP D
(FUTURE)

(FUTURE)

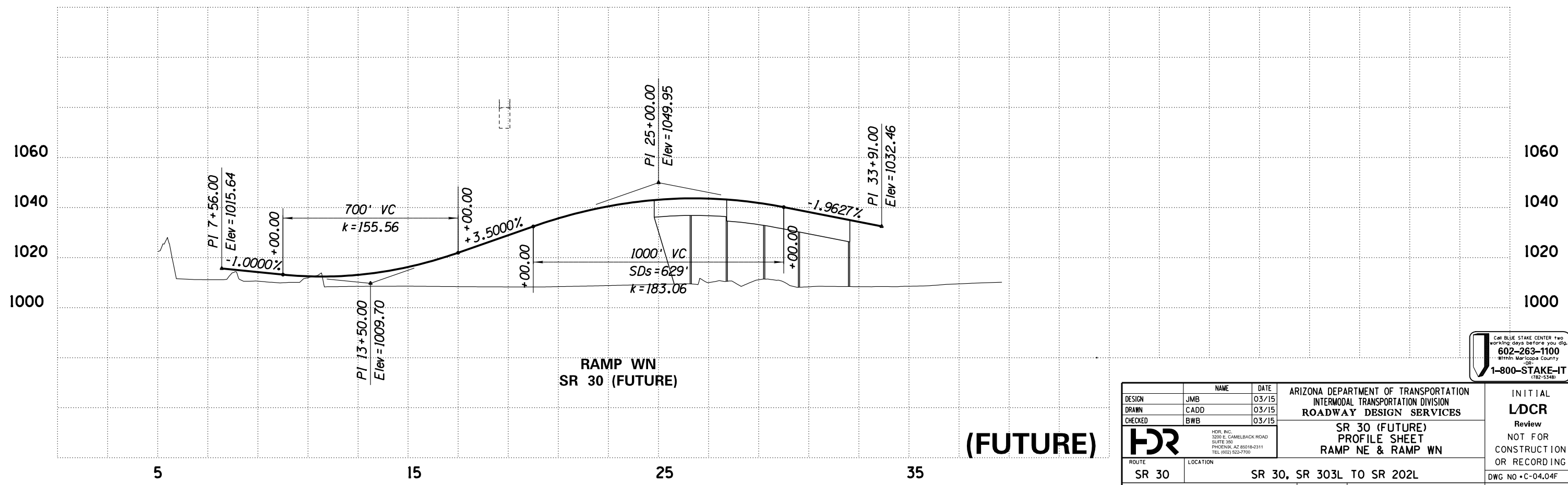
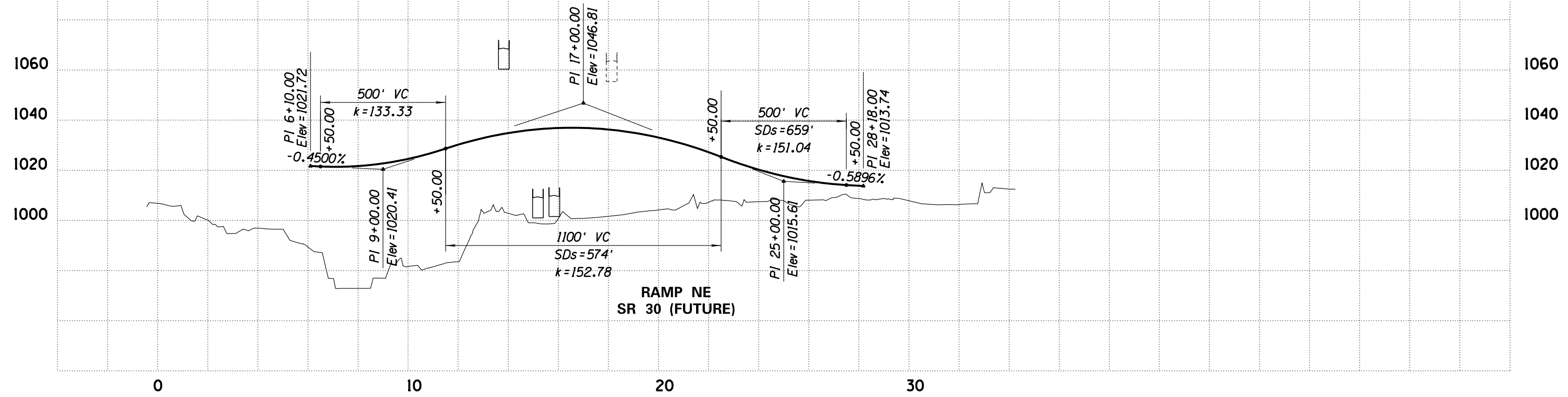
DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
 HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL: (602) 922-7700				PROFILE SHEET (FUTURE) 67TH AVENUE RAMPS C AND D	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L	DWG NO • C-04.03F	
TRACS NO.	H6876 OIL				436 OF 465

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


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



(FUTURE)

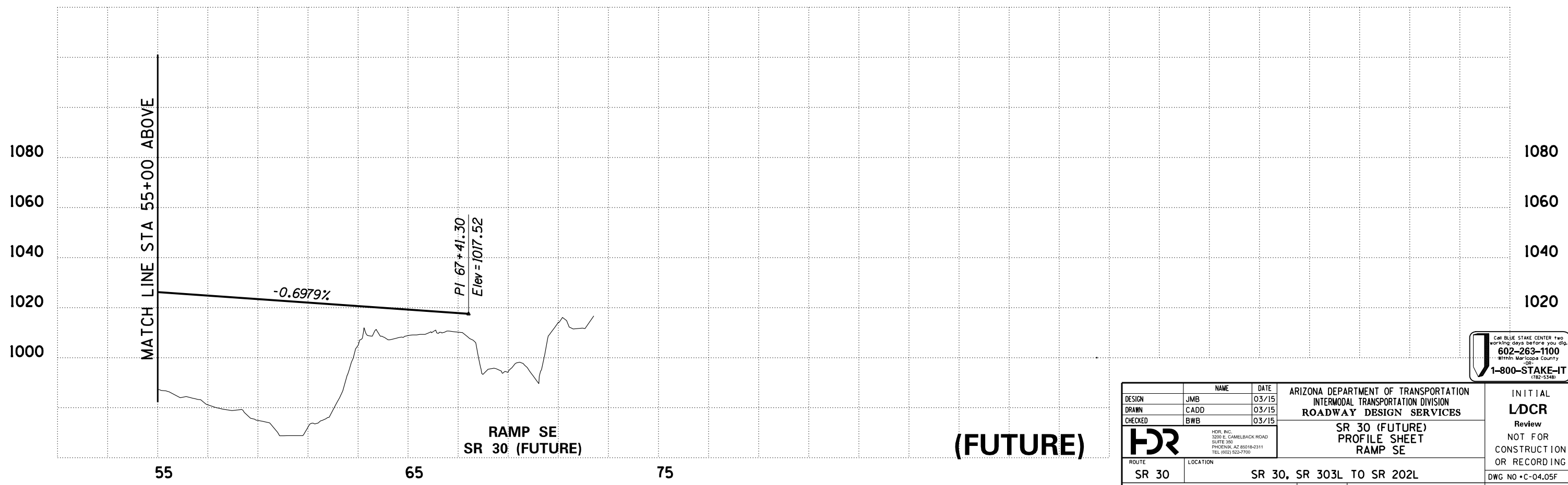
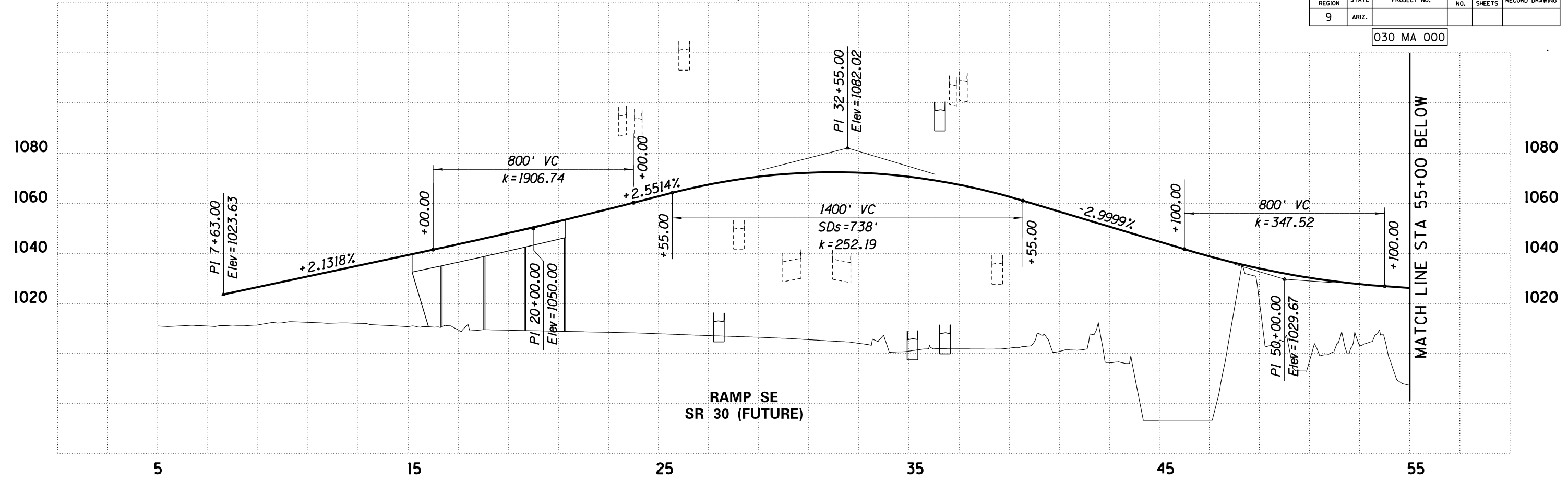
Call BLUE STAKE CENTER two working days before you dig
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DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
 HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700				SR 30 (FUTURE) PROFILE SHEET RAMP NE & RAMP WN	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO • C-04.04F
TRACS NO.	H6876 OIL				437 OF 465

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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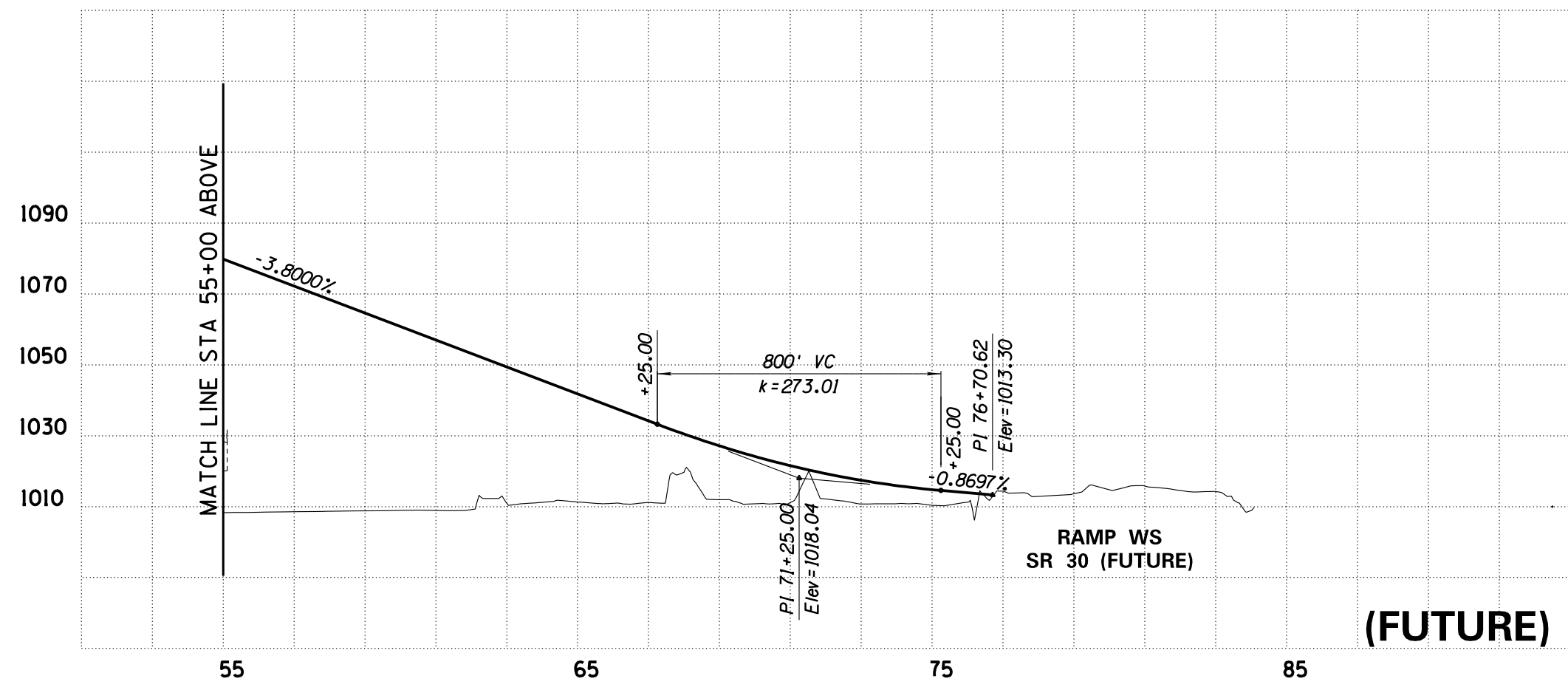
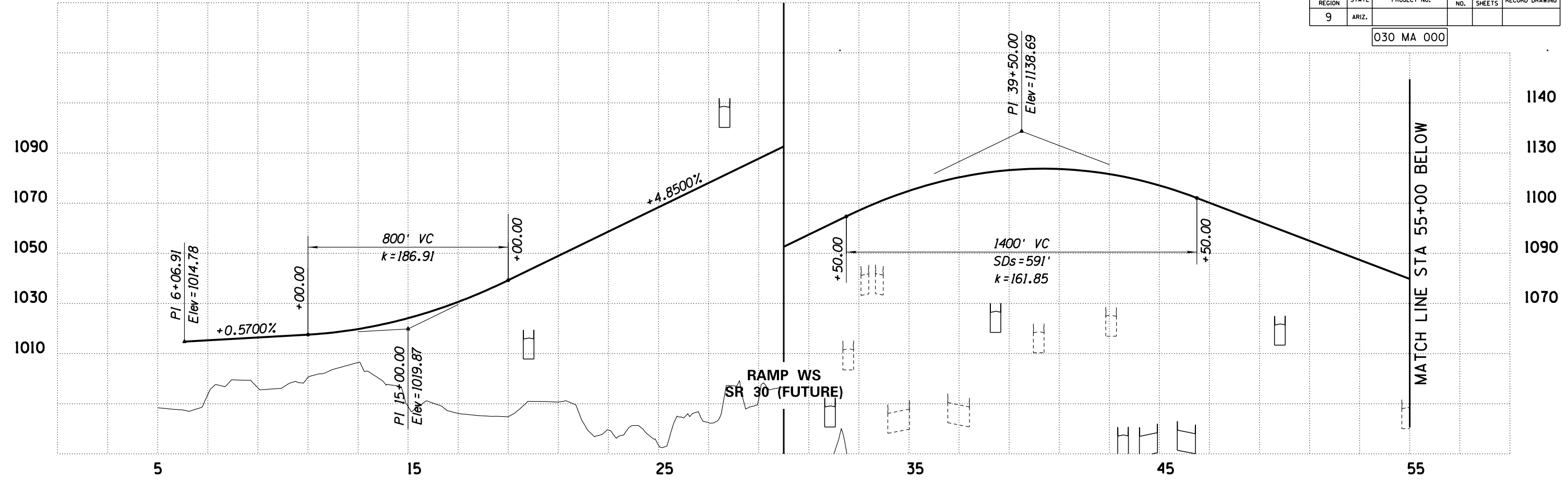
DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
		<small>HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		SR 30 (FUTURE) PROFILE SHEET RAMP SE	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO • C-04.05F
TRACS NO.	H6876 OIL				438 OF 465

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15

ARIZONA DEPARTMENT OF TRANSPORTATION
 INTERMODAL TRANSPORTATION DIVISION
 ROADWAY DESIGN SERVICES

SR 30 (FUTURE)
 PROFILE SHEET
 RAMP WS

ROUTE: SR 30 LOCATION: SR 30, SR 303L TO SR 202L

TRACS NO. H6876 OIL

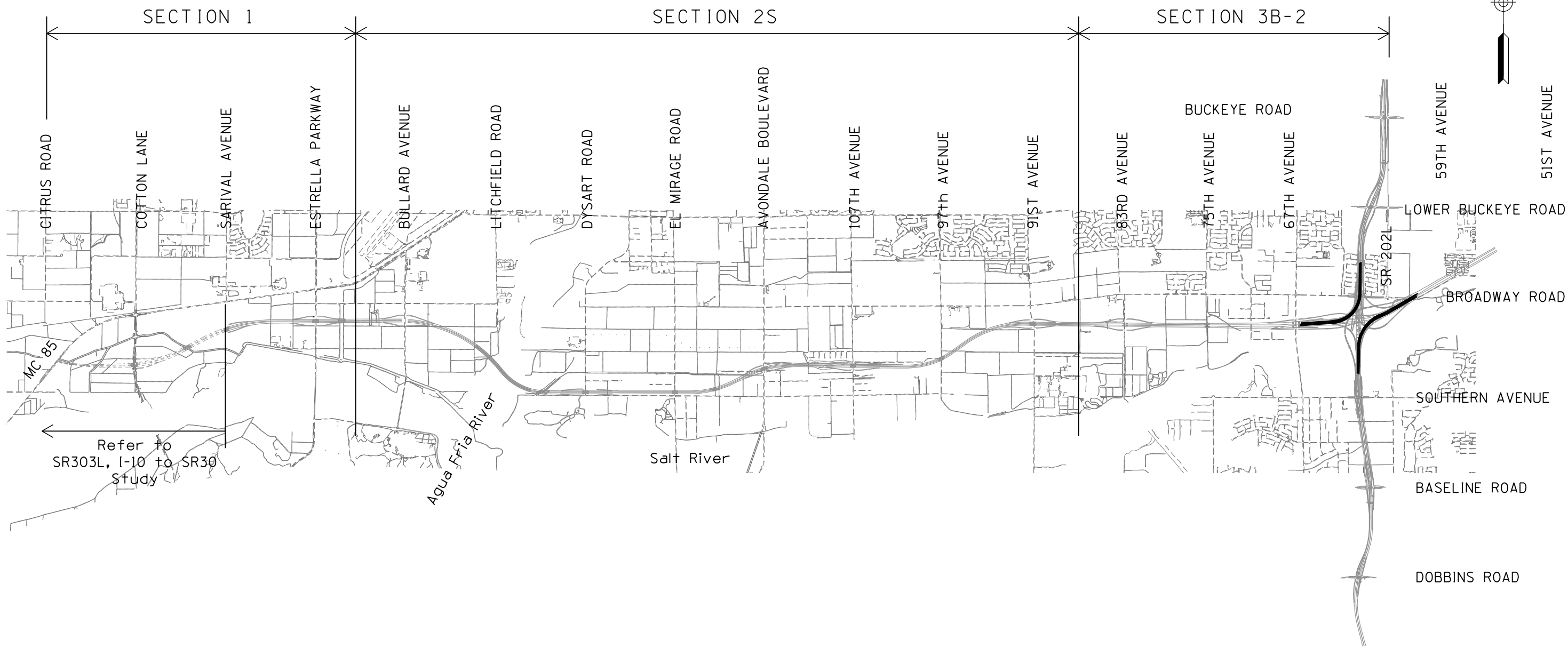
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 OR RECORDING
 DWG NO • C-04.06F
 439 OF 465

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

HOV (OPTION 1)

DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15

ARIZONA DEPARTMENT OF TRANSPORTATION
 INTERMODAL TRANSPORTATION DIVISION
 ROADWAY DESIGN SERVICES

KEY MAP
 HOV OPTION 1

ROUTE: SR 30 LOCATION: SR 30, SR 303L TO SR 202L

TRACS NO. H6876 OIL

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 DWG NO €-01.01HOV1
 440 OF 465

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


030 MA 000

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings							G.A.F. = 1.00016	
	Ramp SW HOV												
300HOV-1	Ramp SW HOV Cst & PC	0+11.78	N=874667.8755	E=611890.4681									
301HOV-1	Ramp SW HOV Cst & PI	0+87.72	N=874673.3184	E=611966.2176	SIMPLE	Δ=2°29'41"	D=1°38'34"	R=3488.00	T=75.94	L=151.87	Ext=0.83		
302HOV-1	Ramp SW HOV Cst & PT	1+63.64	N=874675.4592	E=612042.1322									
303HOV-1	Ramp SW HOV Cst & PC	7+00.97	N=874690.6055	E=612579.2463									
304HOV-1	Ramp SW HOV Cst & PI	7+77.14	N=874692.7527	E=612655.3897	SIMPLE	Δ=2°29'37"	D=1°38'13"	R=3500.00	T=76.17	L=152.32	Ext=0.83		
305HOV-1	Ramp SW HOV Cst & PT	8+53.29	N=874698.2107	E=612731.3676									
306HOV-1	Ramp SW HOV Cst & PC	27+17.09	N=874831.7545	E=614590.3727									
307HOV-1	Ramp SW HOV Cst & PI	42+36.94	N=874940.6541	E=616106.3169	SIMPLE	Δ=85°11'38"	D=3°27'58"	R=1653.00	T=1519.85	L=2457.87	Ext=592.52		
308HOV-1	Ramp SW HOV Cst & PT	51+74.96	N=876460.3922	E=616124.8104									
309HOV-1	Ramp SW HOV Cst & PC	70+76.16	N=878361.4479	E=616147.9441									
310HOV-1	Ramp SW HOV Cst & PI	71+52.68	N=878437.9651	E=616148.8752	SIMPLE	Δ=1°27'41"	D=0°57'18"	R=6000.00	T=76.52	L=153.04	Ext=0.49		
311HOV-1	Ramp SW HOV Cst & PT	72+29.19	N=878514.4812	E=616147.8546									
312HOV-1	Ramp SW HOV Cst & POE	74+63.76	N=878749.0287	E=616144.7260									
	Ramp EN HOV												
400HOV-1	Ramp EN HOV Cst & PC	-0+11.96	N=874552.3344	E=612016.2378									
401HOV-1	Ramp EN HOV Cst & PI	1+28.07	N=874560.9821	E=612156.0008	SIMPLE	Δ=4°34'56"	D=1°38'13"	R=3500.00	T=140.03	L=279.91	Ext=2.80		
402HOV-1	Ramp EN HOV Cst & PT	2+67.95	N=874580.7678	E=612294.6262									
403HOV-1	Ramp EN HOV Cst & PC	4+29.01	N=874603.5251	E=612454.0725									
404HOV-1	Ramp EN HOV Cst & PI	5+51.63	N=874620.8505	E=612575.4603	SIMPLE	Δ=4°00'47"	D=1°38'13"	R=3500.00	T=122.62	L=245.14	Ext=2.15		
405HOV-1	Ramp EN HOV Cst & PT	6+74.15	N=874629.6385	E=612697.7629									
406HOV-1	Ramp EN HOV Cst & PC	25+20.32	N=874761.9533	E=614539.1911									
407HOV-1	Ramp EN HOV Cst & PI	41+05.03	N=874875.5286	E=616119.8204	SIMPLE	Δ=85°12'08"	D=3°19'29"	R=1723.28	T=1584.70	L=2562.63	Ext=617.87		
408HOV-1	Ramp EN HOV Cst & PT	50+82.95	N=876460.1188	E=616138.8437									
409HOV-1	Ramp EN HOV Cst & PC	69+24.62	N=878301.6583	E=616160.9518									
410HOV-1	Ramp EN HOV Cst & PI	70+89.41	N=878466.4316	E=616162.9300	SIMPLE	Δ=2°21'23"	D=0°42'54"	R=8012.00	T=164.79	L=329.52	Ext=1.69		
411HOV-1	Ramp EN HOV Cst & PT	72+54.15	N=878630.9842	E=616171.6814									
412HOV-1	Ramp EN HOV Cst & POE	76+10.84	N=878987.1706	E=616190.6247									

CENTERLINE CONTROL POINT AND CURVE DATA TABLE

All bearings and angles have been rounded to the nearest second.
Use the control points provided and their respective state plane coordinates to re-establish the centerline of each roadway.

HOV (OPTION 1)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO €-02.01HOV1
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
		HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		SR 30 (HOV OPTION 1) GEOMETRIC DATA SHEET	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL		441 OF 465		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings							G.A.F. = 1.00016	
	Ramp WS HOV												
500HOV-1	Ramp WS HOV Cst & PC	-0+00.25	N=870971.3273	E=616004.2304									
501HOV-1	Ramp WS HOV Cst & PI	1+45.95	N=871117.4427	E=615999.2526	SIMPLE	Δ=4°48'01"	D=1°38'34"	R=3488.00	T=146.20	L=292.23	Ext=3.06		
502HOV-1	Ramp WS HOV Cst & PT	2+91.98	N=871263.4622	E=616006.5196									
503HOV-1	Ramp WS HOV Cst & PC	4+92.84	N=871464.0686	E=616016.5032									
504HOV-1	Ramp WS HOV Cst & PI	6+43.40	N=871614.4394	E=616023.9868	SIMPLE	Δ=2°09'11"	D=0°42'54"	R=8012.00	T=150.56	L=301.08	Ext=1.41		
505HOV-1	Ramp WS HOV Cst & PT	7+93.92	N=871764.9852	E=616025.8157									
506HOV-1	Ramp WS HOV Cst & PC	23+39.09	N=873310.0416	E=616044.5860									
507HOV-1	Ramp WS HOV Cst & PI	37+26.69	N=874697.5442	E=616061.4422	SIMPLE	Δ=67°34'08"	D=2°45'45"	R=2074.00	T=1387.60	L=2445.86	Ext=421.38		
508HOV-1	Ramp WS HOV Cst & PRC	47+84.95	N=875211.3974	E=617350.3962									
509HOV-1	Ramp WS HOV Cst & PI	50+74.67	N=875318.6865	E=617619.5211	SIMPLE	Δ=8°29'03"	D=1°28'01"	R=3906.00	T=289.72	L=578.39	Ext=10.73		
510HOV-1	Ramp WS HOV Cst & PT	53+63.34	N=875464.5071	E=617869.8720									
511HOV-1	Ramp WS HOV Cst & PC	72+38.29	N=876408.1888	E=619490.0242									
512HOV-1	Ramp WS HOV Cst & PI	73+26.14	N=876452.4071	E=619565.9401	SIMPLE	Δ=2°51'58"	D=1°37'53"	R=3512.00	T=87.85	L=175.67	Ext=1.10		
513HOV-1	Ramp WS HOV Cst & PT	74+13.96	N=876500.3660	E=619639.5502									
514HOV-1	Ramp WS HOV Cst & PC	78+38.85	N=876732.3080	E=619995.5485									
515HOV-1	Ramp WS HOV Cst & PI	79+26.10	N=876779.9391	E=620068.6555	SIMPLE	Δ=2°51'58"	D=1°38'34"	R=3488.00	T=87.25	L=174.47	Ext=1.09		
516HOV-1	Ramp WS HOV Cst & PT	80+13.32	N=876823.8553	E=620144.0527									
517HOV-1	Ramp WS HOV Cst & POE	83+13.56	N=876985.2179	E=620397.2446									
	Ramp NE HOV												
600HOV-1	Ramp NE HOV Cst & POB	-0+00.04	N=870744.8347	E=616056.9311									
601HOV-1	Ramp NE HOV Cst & PC	8+63.03	N=871607.7456	E=616040.3679									
602HOV-1	Ramp NE HOV Cst & PI	9+41.58	N=871686.2760	E=616038.8606	SIMPLE	Δ=1°47'44"	D=1°08'35"	R=5012.00	T=78.54	L=157.08	Ext=0.62		
603HOV-1	Ramp NE HOV Cst & PT	10+20.11	N=871764.8151	E=616039.8147									
604HOV-1	Ramp NE HOV Cst & PC	25+63.56	N=873308.1532	E=616058.5641									
605HOV-1	Ramp NE HOV Cst & PI	39+13.16	N=874657.6573	E=616074.9587	SIMPLE	Δ=68°33'29"	D=2°53'37"	R=1980.00	T=1349.60	L=2369.20	Ext=416.21		
606HOV-1	Ramp NE HOV Cst & PRC	49+32.76	N=875135.7189	E=617337.0550									
607HOV-1	Ramp NE HOV Cst & PI	52+36.68	N=875243.3737	E=617621.2666	SIMPLE	Δ=9°28'23"	D=1°33'43"	R=3668.00	T=303.92	L=606.45	Ext=12.57		
608HOV-1	Ramp NE HOV Cst & PT	55+39.21	N=875396.3367	E=617883.8843									
609HOV-1	Ramp NE HOV Cst & PI	73+89.79	N=876327.7421	E=619482.9864									
610HOV-1	Ramp NE HOV Cst & POE	80+12.94	N=876617.7818	E=620034.5318									

CENTERLINE CONTROL POINT AND CURVE DATA TABLE

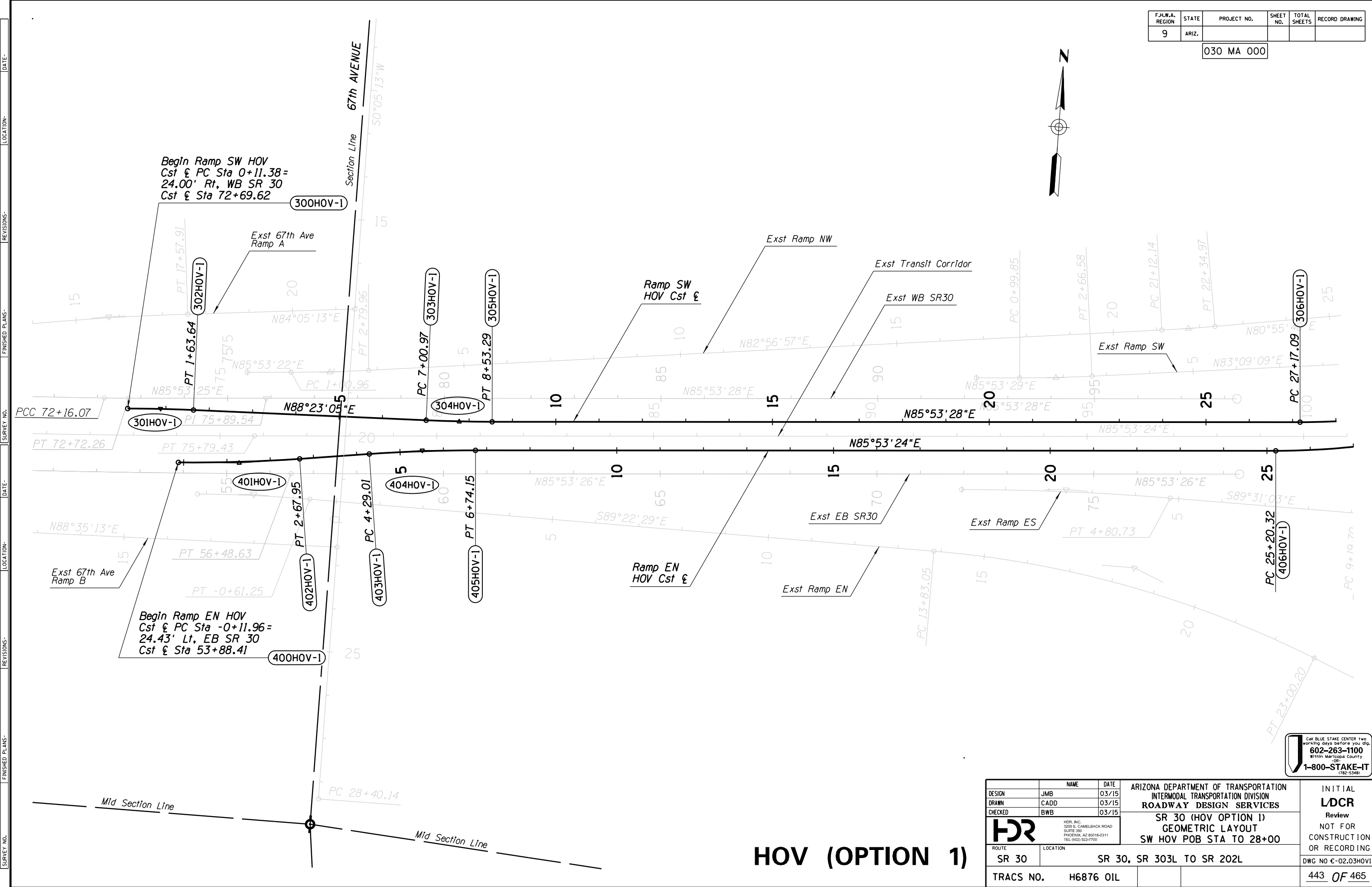
All bearings and angles have been rounded to the nearest second.
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HOV (OPTION 1)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO C-02.02HOV1
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
		HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		SR 30 (HOV OPTION 1) GEOMETRIC DATA SHEET	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL		442 OF 465		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

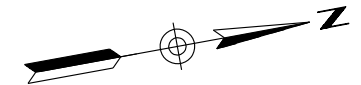
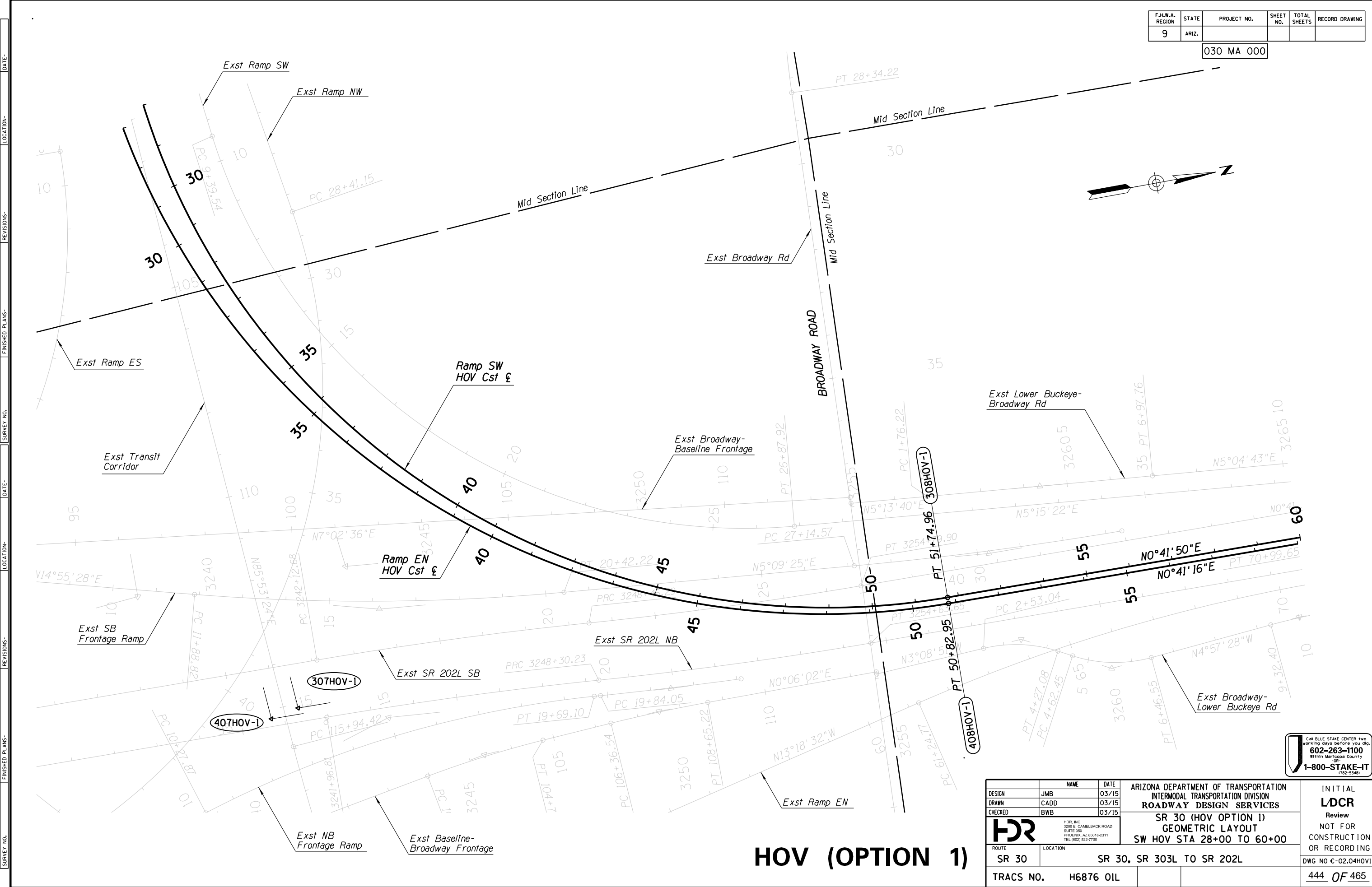
HOV (OPTION 1)

Call BLUE STAKE CENTER two working days before you dig.
602-263-1100
 Within Maricopa County
 OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES SR 30 (HOV OPTION 1) GEOMETRIC LAYOUT SW HOV POB STA TO 28+00	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
		<small>HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		DWG NO €-02.03HOV1	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		443 OF 465
TRACS NO.	H6876 OIL				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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HOV (OPTION 1)

DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15



ARIZONA DEPARTMENT OF TRANSPORTATION
 INTERMODAL TRANSPORTATION DIVISION
 ROADWAY DESIGN SERVICES
 SR 30 (HOV OPTION 1)
 GEOMETRIC LAYOUT
 SW HOV STA 28+00 TO 60+00

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INITIAL
LDCR
 Review
 NOT FOR
 CONSTRUCTION
 OR RECORDING
 DWG NO €-02.04HOV1
 444 OF 465

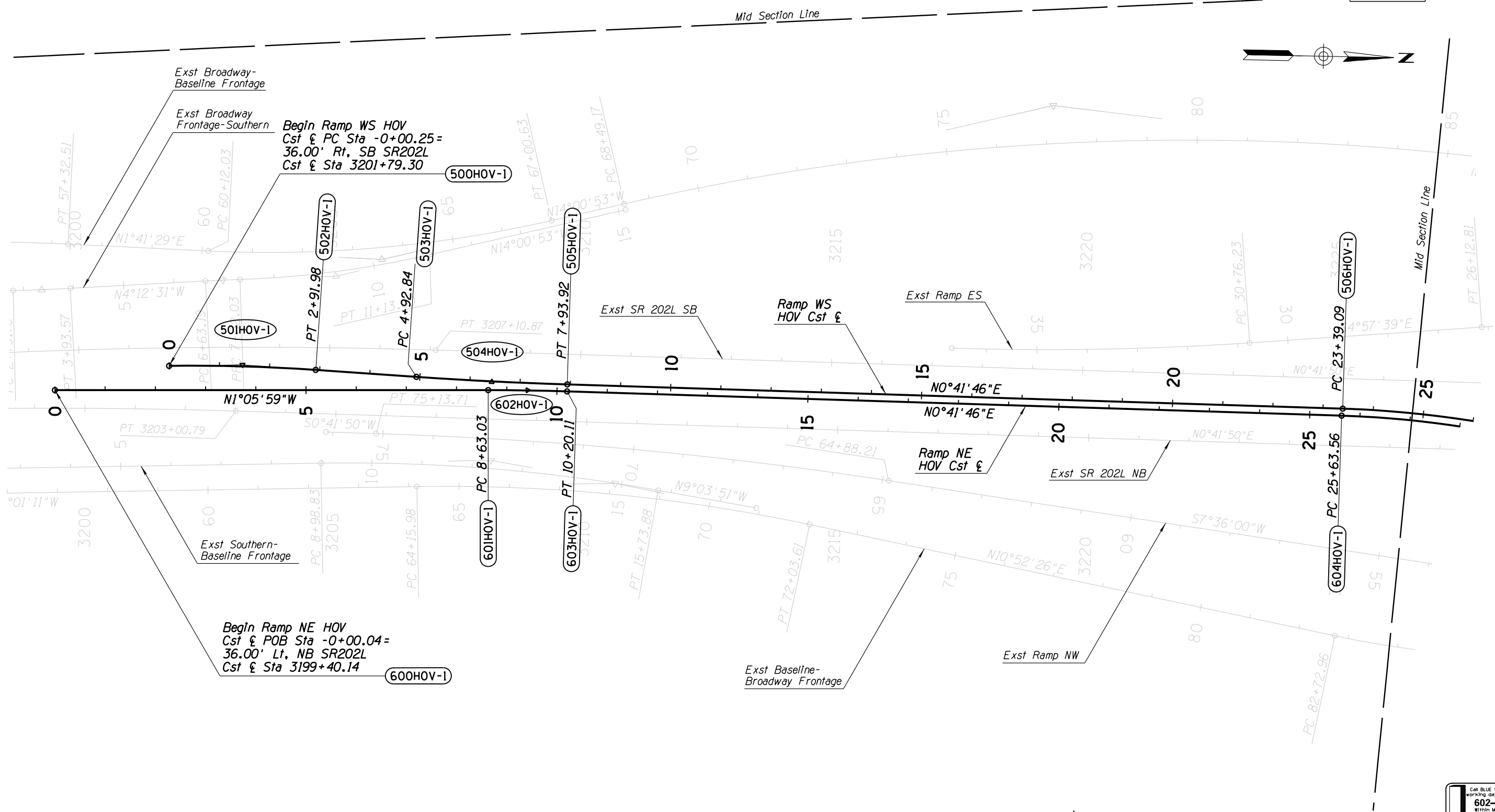
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L
TRACS NO.	H6876 OIL		

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE



HOV (OPTION 1)

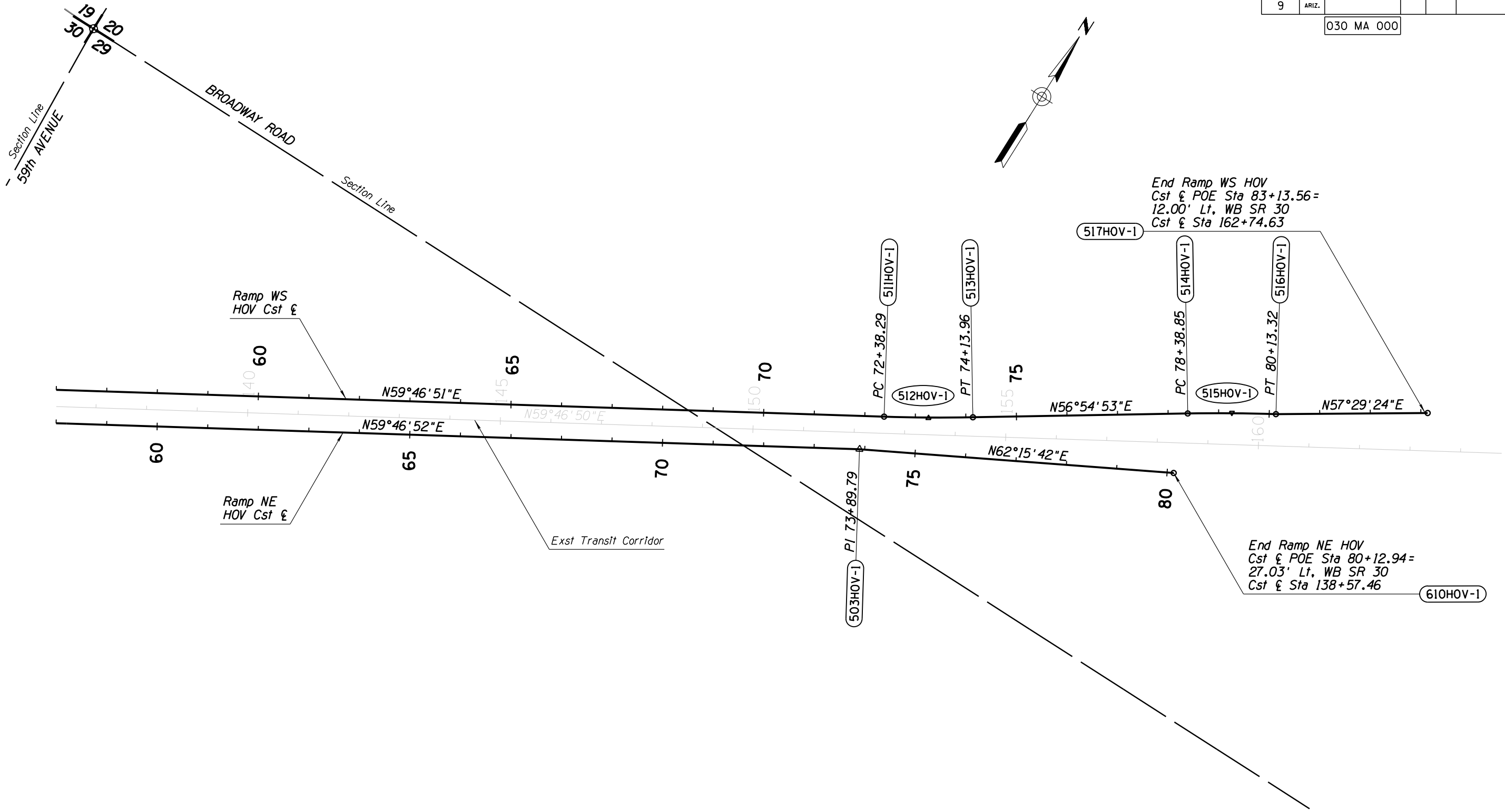
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 Within Maricopa County OR
1-800-STAKE-IT
(782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES SR 30 (HOV OPTION 1) GEOMETRIC LAYOUT WS HOV POB STA TO 26+00	INITIAL	
DRAWN	CADD	DATE	03/15		LDCR Review	
CHECKED	BWB	DATE	03/15		NOT FOR CONSTRUCTION OR RECORDING	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO	€-02.06HOV1
TRACS NO.	H6876 OIL					446 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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




End Ramp WS HOV
 Cst & POE Sta 83+13.56=
 12.00' Lt, WB SR 30
 Cst & Sta 162+74.63

End Ramp NE HOV
 Cst & POE Sta 80+12.94=
 27.03' Lt, WB SR 30
 Cst & Sta 138+57.46

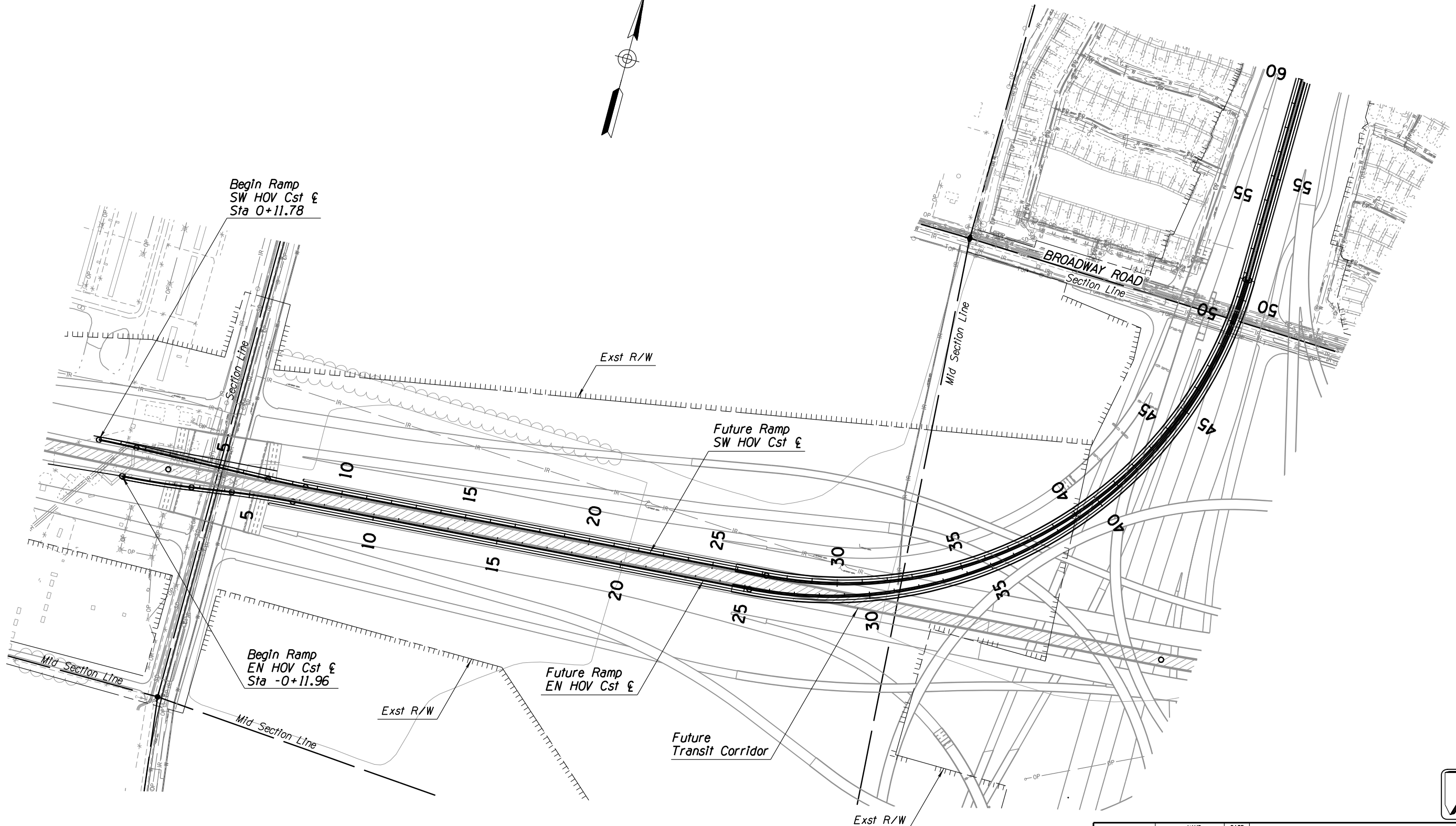
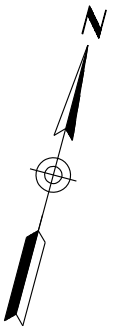
HOV (OPTION 1)

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DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
 HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700				SR 30 (HOV OPTION 1) GEOMETRIC LAYOUT WS HOV STA 56+00 TO POE	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO €-02.08HOV1
TRACS NO.	H6876 OIL				448 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

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DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15

ARIZONA DEPARTMENT OF TRANSPORTATION
 INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

INITIAL
LDCR
 Review
 NOT FOR
 CONSTRUCTION
 OR RECORDING



PLAN SHEET
SR 30 (HOV OPTION 1)
SW HOV POB STA TO 60+00

DWG NO €-03.01HOV1

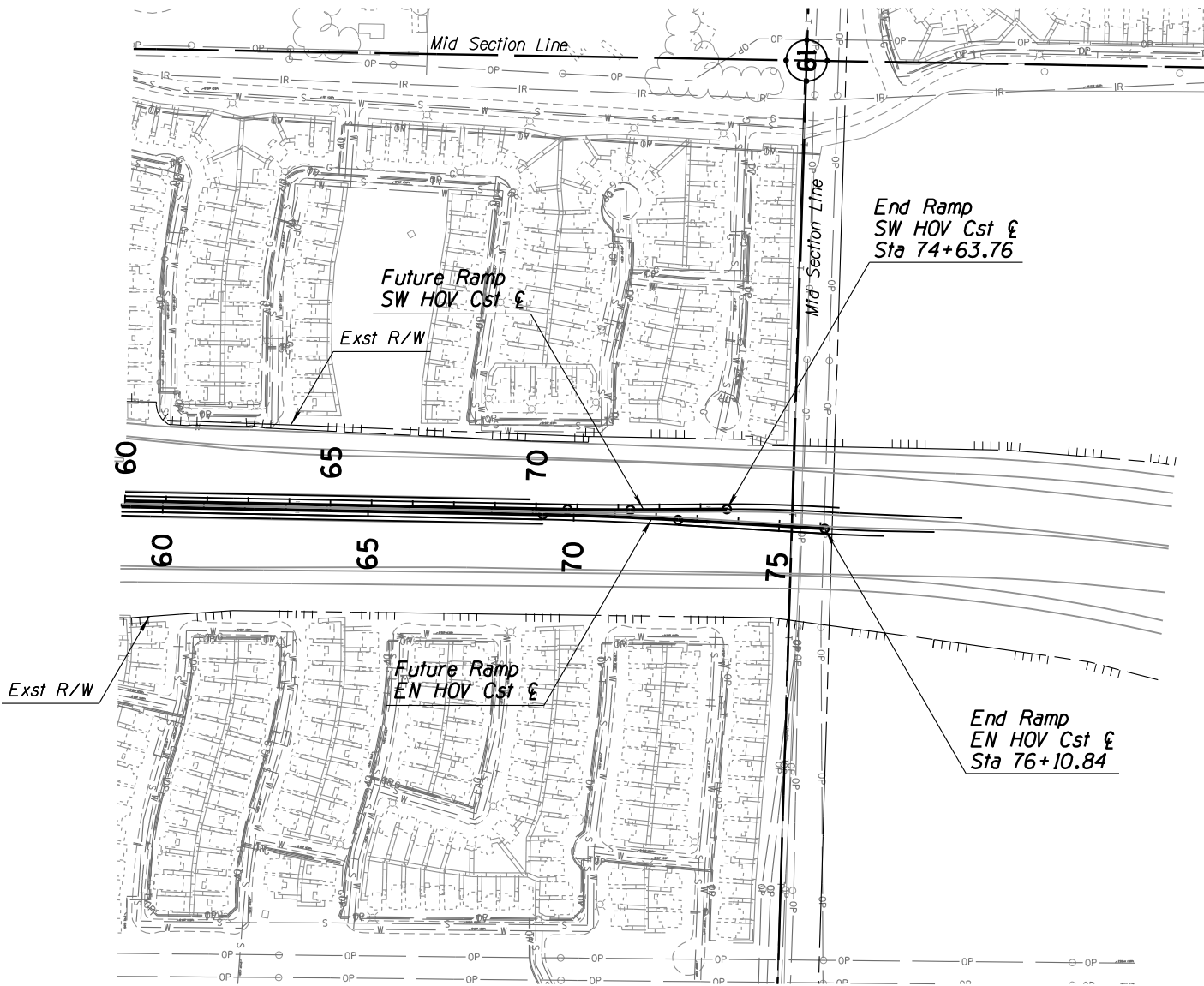
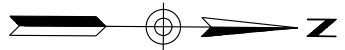
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L
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TRACS NO.	H6876 OIL
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HOV (OPTION 1)

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


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

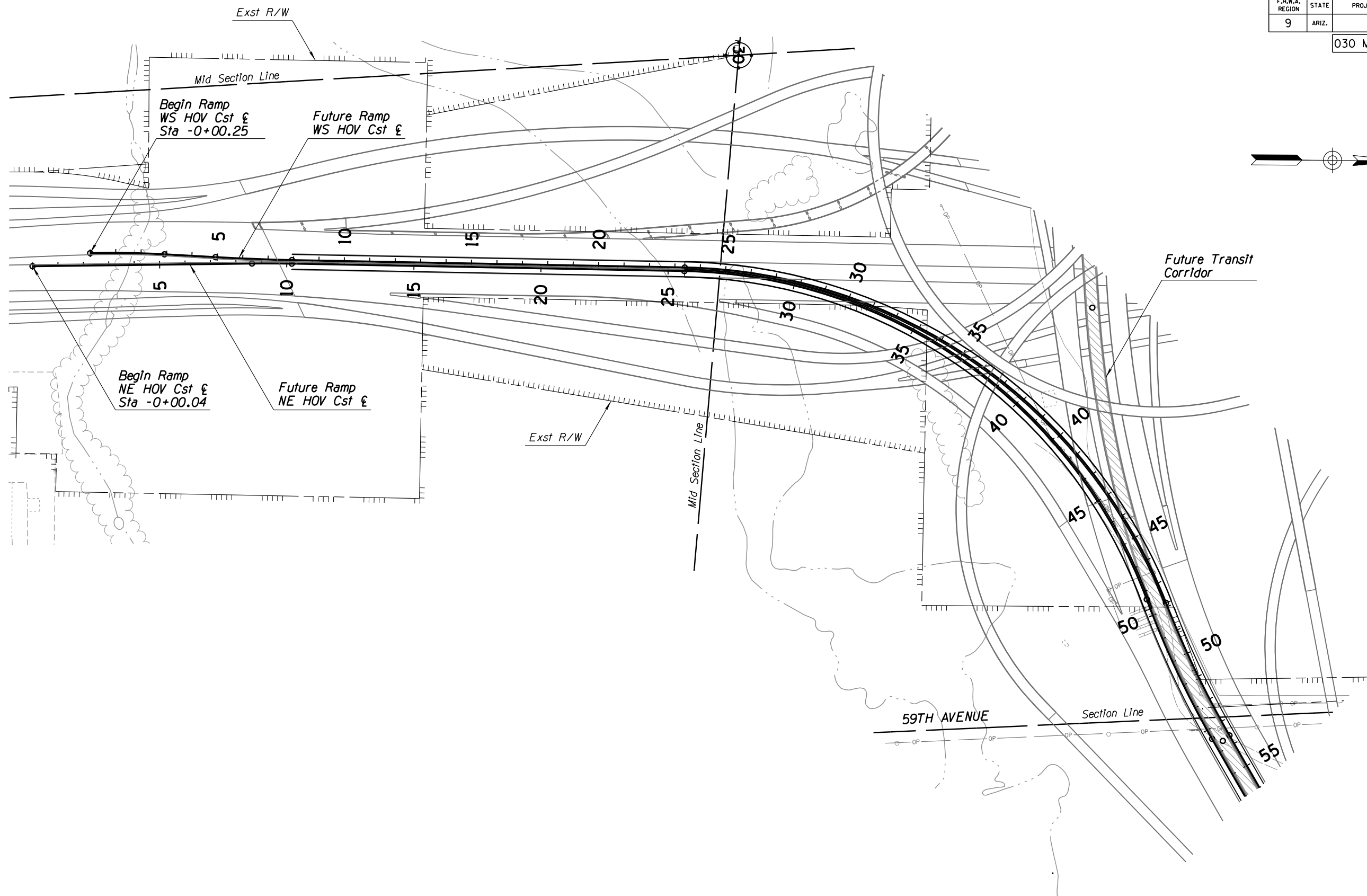
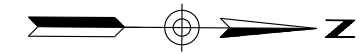
HOV (OPTION 1)

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(782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
 <small>HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		PLAN SHEET SR 30 (HOV OPTION 1) SW HOV STA 60+00 TO POE		DWG NO	€-03.02HOV1
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		450
TRACS NO.	H6876 OIL				OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

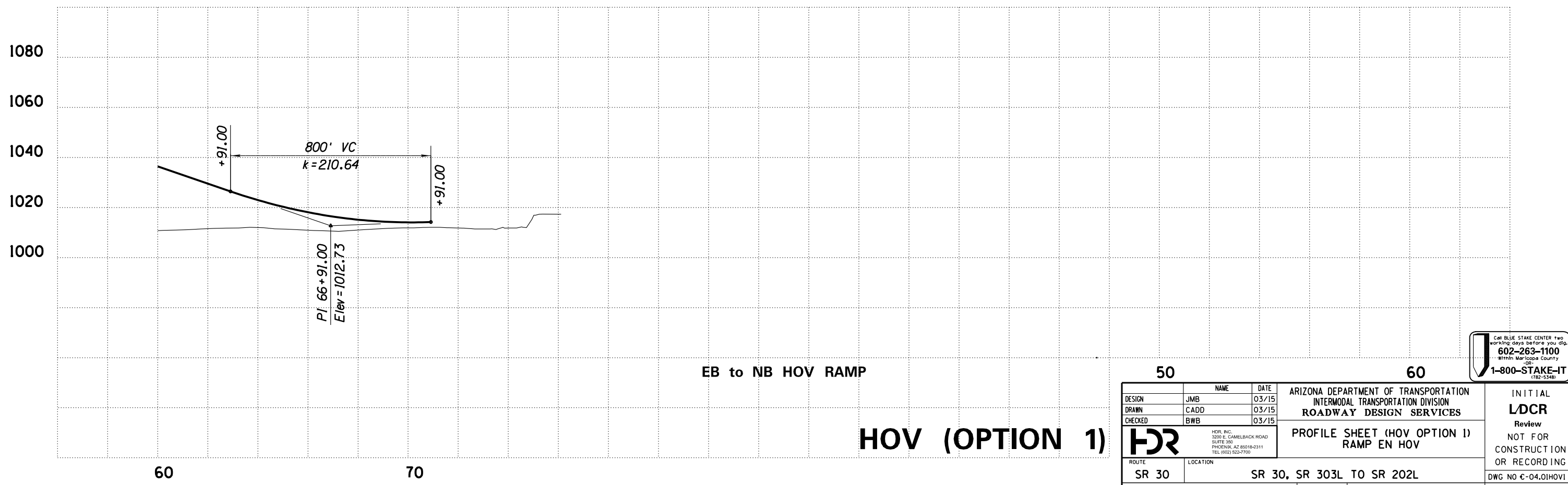
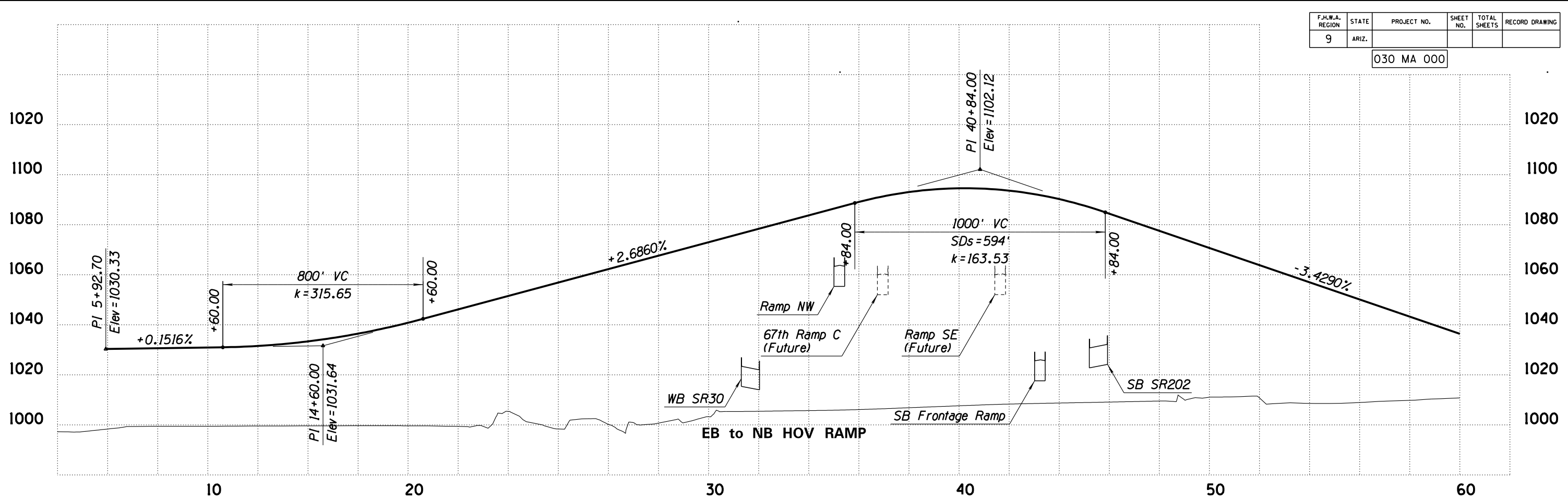
HOV (OPTION 1)

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(782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
HR		<small>HR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		PLAN SHEET SR 30 (HOV OPTION 1) WS HOV POB STA TO 56+00	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO €-03.03HOV1
TRACS NO.	H6876 OIL				451 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



EB to NB HOV RAMP

HOV (OPTION 1)

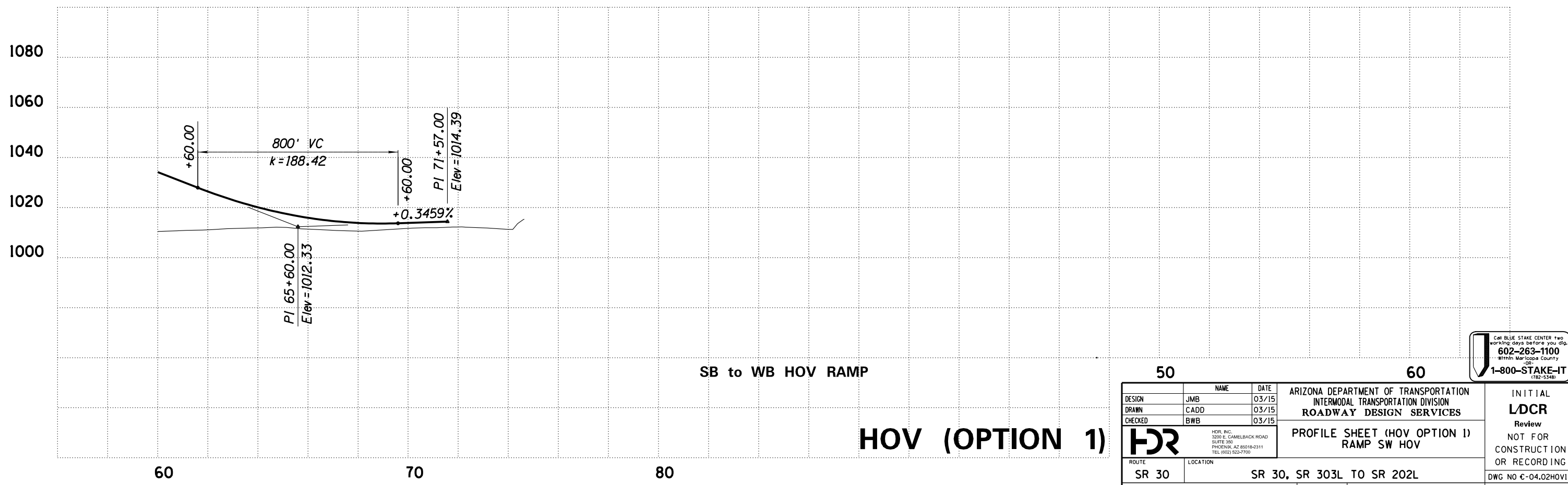
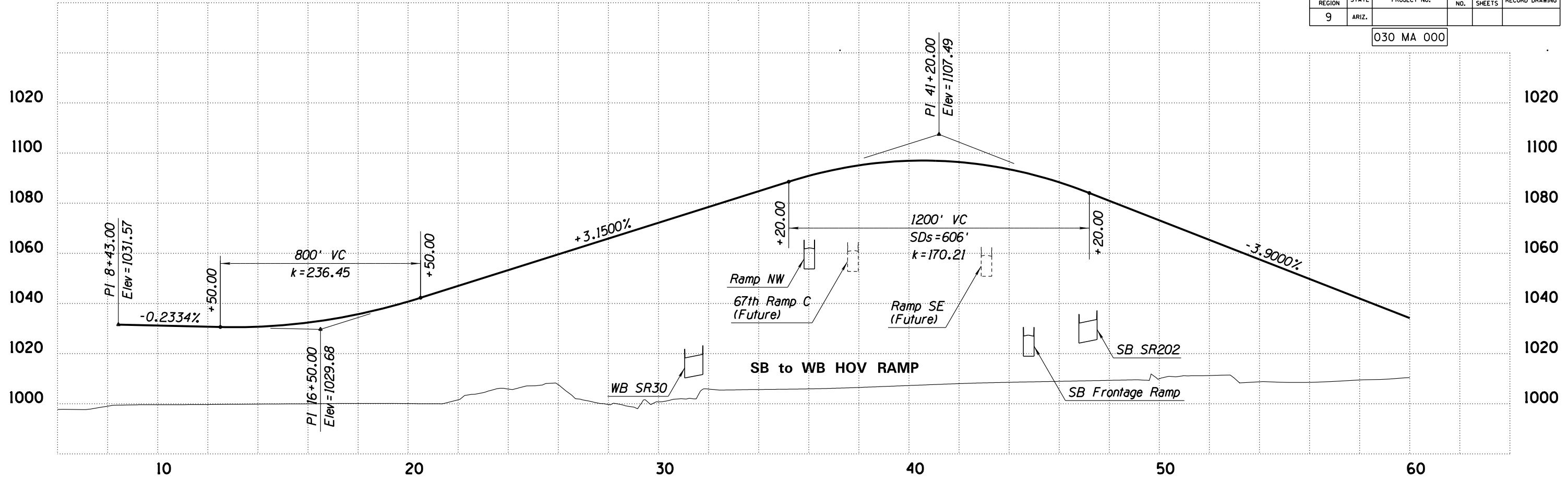


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DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
ROUTE		SR 30		SR 30, SR 303L TO SR 202L	
TRACS NO.		H6876 OIL		453 OF 465	

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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



SB to WB HOV RAMP

HOV (OPTION 1)

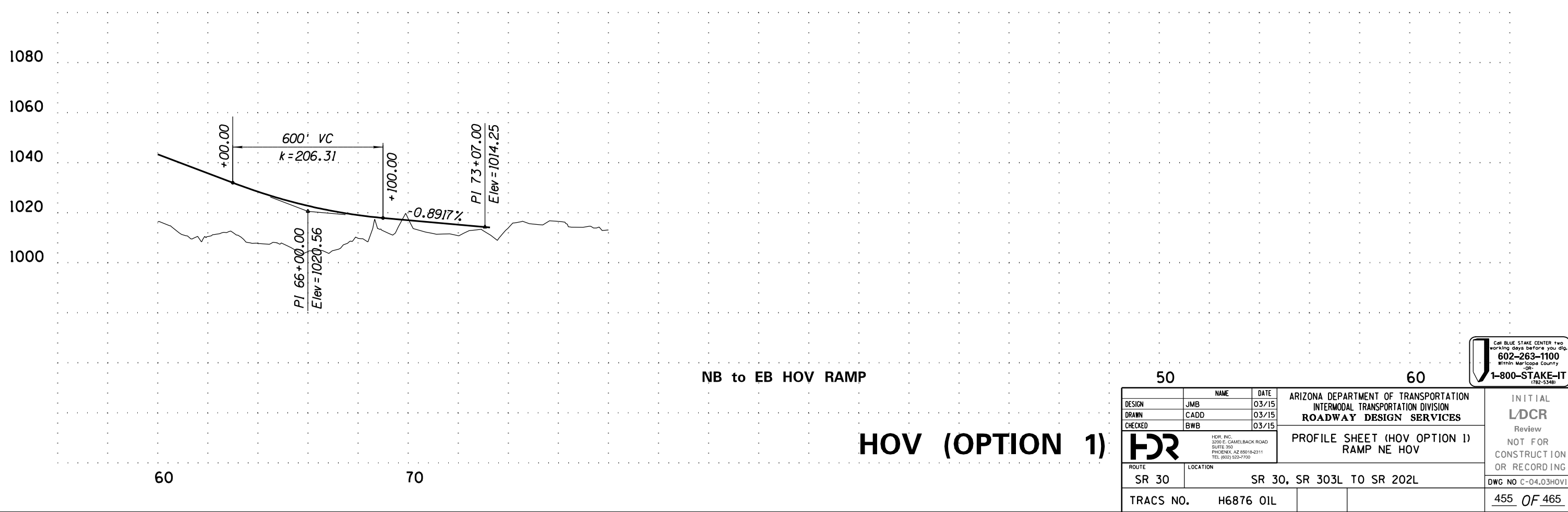
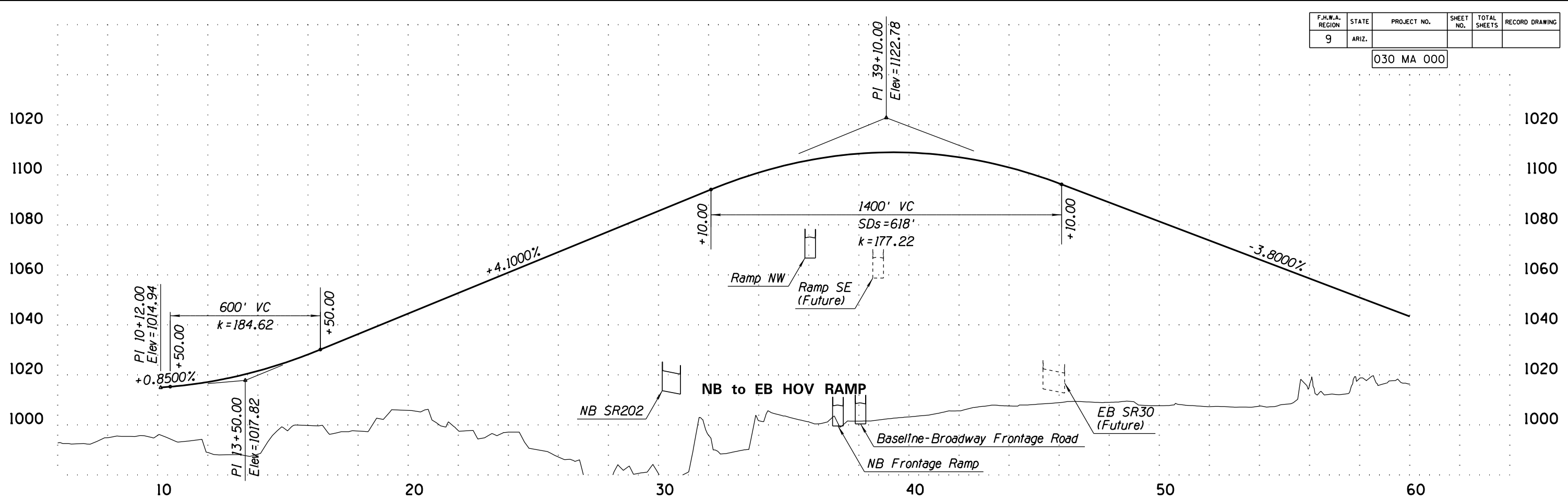
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DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15
		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	
ROUTE SR 30		LOCATION SR 30, SR 303L TO SR 202L	
TRACS NO. H6876 OIL		PROFILE SHEET (HOV OPTION 1) RAMP SW HOV	
		INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING DWG NO €-04.02HOV1 454 OF 465	



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

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

030 MA 000



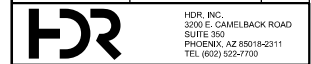
NB to EB HOV RAMP

HOV (OPTION 1)

DESIGN	NAME	DATE
JMB		03/15
DRAWN	NAME	DATE
CADD		03/15
CHECKED	NAME	DATE
BWB		03/15

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET (HOV OPTION 1)
RAMP NE HOV



ROUTE: SR 30
LOCATION: SR 30, SR 303L TO SR 202L

TRACS NO. H6876 OIL

CALL BLUE STAKE CENTER TWO
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602-263-1100
WITHIN MARICOPA COUNTY
OR
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INITIAL
LDCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING

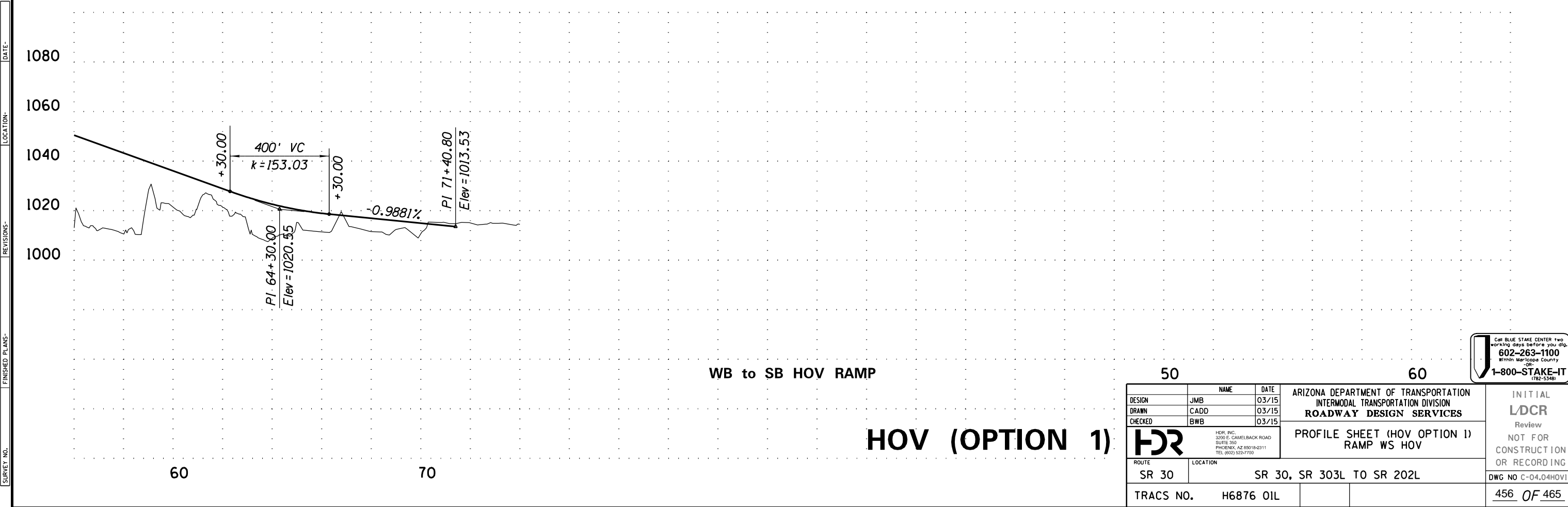
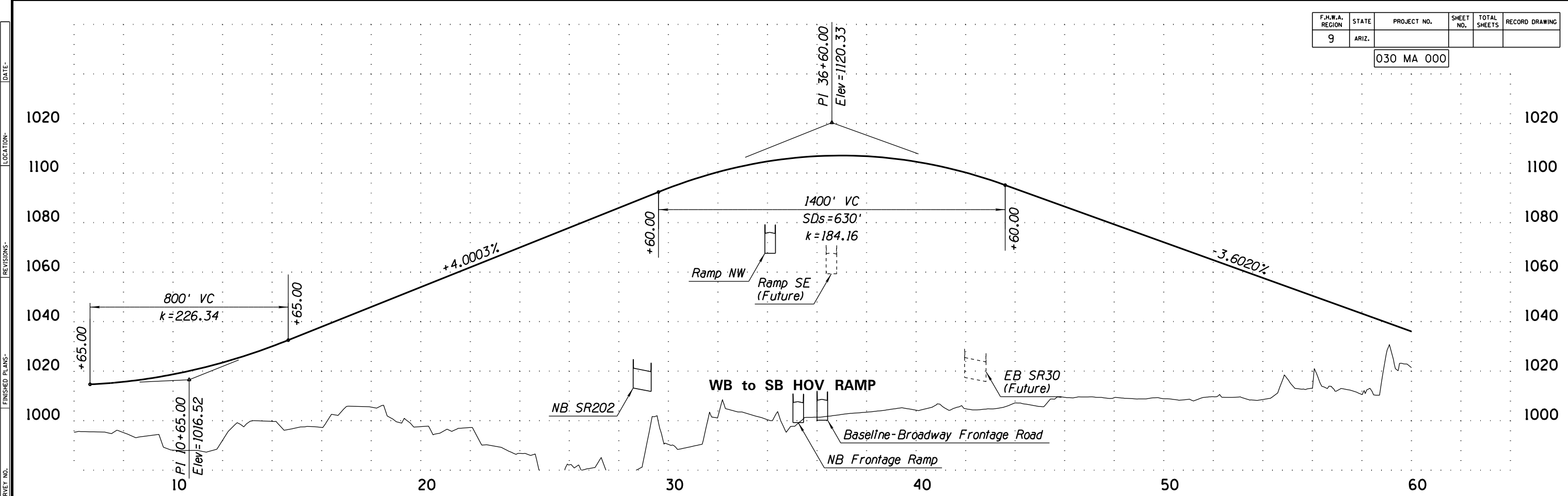
DWG NO C-04.03HOV1

455 OF 465

DATE LOCATION REVISIONS FINISHED PLANS SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

WB to SB HOV RAMP

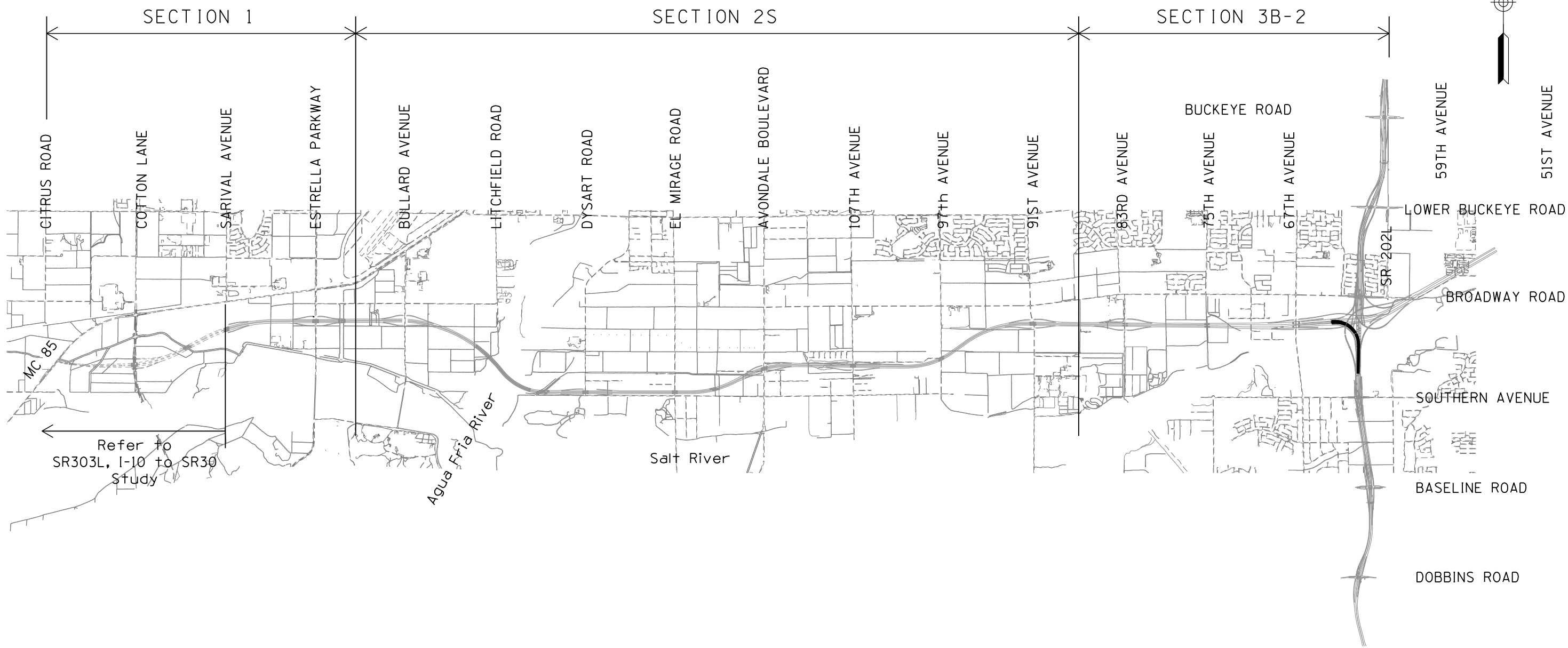
HOV (OPTION 1)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L	PROFILE SHEET (HOV OPTION 1) RAMP WS HOV	
TRACS NO.	H6876 OIL				DWG NO C-04.04HOV1
					456 OF 465

Call BLUE STAKE CENTER two
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 Within Maricopa County
 OR
1-800-STAKE-IT
 (782-5348)

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

Refer to
SR303L, I-10 to SR30
Study

HOV (OPTION 2)

DESIGN	JMB	DATE	03/15
DRAWN	CADD	DATE	03/15
CHECKED	BWB	DATE	03/15

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

KEY MAP
HOV OPTION 2

ROUTE: SR 30 LOCATION: SR 30, SR 303L TO SR 202L

TRACS NO. H6876 OIL

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CONSTRUCTION
OR RECORDING
DWG NO • C-01.OIHOV2
457 OF 465



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


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PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings							G.A.F. = 1.00016	
	Ramp NW HOV												
700HOV-2	Ramp NW HOV Cst & PC	0+11.78	N=874667.8755	E=611890.4681									
701HOV-2	Ramp NW HOV Cst & PI	0+87.72	N=874673.3184	E=611966.2176	SIMPLE	Δ=2°29'41"	D=1°38'34"	R=3488.00	T=75.94	L=151.87	Ext=0.83		
702HOV-2	Ramp NW HOV Cst & PT	1+63.64	N=874675.4592	E=612042.1322									
703HOV-2	Ramp NW HOV Cst & PC	7+00.97	N=874690.6055	E=612579.2462									
704HOV-2	Ramp NW HOV Cst & PI	7+77.14	N=874692.7527	E=612655.3897	SIMPLE	Δ=2°29'37"	D=1°38'13"	R=3500.00	T=76.17	L=152.32	Ext=0.83		
705HOV-2	Ramp NW HOV Cst & PT	8+53.29	N=874698.2107	E=612731.3677									
706HOV-2	Ramp NW HOV Cst & PC	27+10.39	N=874831.2743	E=614583.6865									
707HOV-2	Ramp NW HOV Cst & PI	42+08.92	N=874938.6468	E=616078.3723	SIMPLE	Δ=94°48'18"	D=4°09'30"	R=1377.86	T=1498.54	L=2279.88	Ext=657.85		
708HOV-2	Ramp NW HOV Cst & PT	49+90.27	N=873440.2199	E=616060.1685									
709HOV-2	Ramp NW HOV Cst & PC	66+65.80	N=871764.8151	E=616039.8147									
710HOV-2	Ramp NW HOV Cst & PI	67+44.34	N=871686.2760	E=616038.8606	SIMPLE	Δ=1°47'44"	D=1°08'35"	R=5012.00	T=78.54	L=157.08	Ext=0.62		
711HOV-2	Ramp NW HOV Cst & PT	68+22.87	N=871607.7456	E=616040.3679									
712HOV-2	Ramp NW HOV Cst & POE	76+85.94	N=870744.8347	E=616056.9311									
	Ramp ES HOV												
800HOV-2	Ramp ES HOV Cst & PC	-0+04.24	N=874552.3344	E=612016.2378									
801HOV-2	Ramp ES HOV Cst & PI	1+35.79	N=874560.9821	E=612156.0008	SIMPLE	Δ=4°34'56"	D=1°38'13"	R=3500.00	T=140.03	L=279.91	Ext=2.80		
802HOV-2	Ramp ES HOV Cst & PT	2+75.67	N=874580.7678	E=612294.6262									
803HOV-2	Ramp ES HOV Cst & PC	4+36.73	N=874603.5251	E=612454.0725									
804HOV-2	Ramp ES HOV Cst & PI	5+59.35	N=874620.8505	E=612575.4603	SIMPLE	Δ=4°00'47"	D=1°38'13"	R=3500.00	T=122.62	L=245.14	Ext=2.15		
805HOV-2	Ramp ES HOV Cst & PT	6+81.87	N=874629.6385	E=612697.7629									
806HOV-2	Ramp ES HOV Cst & PC	26+23.04	N=874768.7614	E=614633.9393									
807HOV-2	Ramp ES HOV Cst & PI	40+56.34	N=874871.4857	E=616063.5554	SIMPLE	Δ=94°48'21"	D=4°20'52"	R=1317.85	T=1433.30	L=2180.62	Ext=629.22		
808HOV-2	Ramp ES HOV Cst & PT	48+03.65	N=873438.2895	E=616046.1440									
809HOV-2	Ramp ES HOV Cst & PC	64+77.08	N=871764.9852	E=616025.8157									
810HOV-2	Ramp ES HOV Cst & PI	66+27.64	N=871614.4394	E=616023.9868	SIMPLE	Δ=2°09'11"	D=0°42'54"	R=8012.00	T=150.56	L=301.08	Ext=1.41		
811HOV-2	Ramp ES HOV Cst & PT	67+78.16	N=871464.0686	E=616016.5032									
812HOV-2	Ramp ES HOV Cst & PC	69+79.01	N=871263.4622	E=616006.5196									
813HOV-2	Ramp ES HOV Cst & PI	71+25.21	N=871117.4427	E=615999.2526	SIMPLE	Δ=4°48'01"	D=1°38'34"	R=3488.00	T=146.20	L=292.23	Ext=3.06		
814HOV-2	Ramp ES HOV Cst & PT	72+71.24	N=870971.3273	E=616004.2304									

CENTERLINE CONTROL POINT AND CURVE DATA TABLE

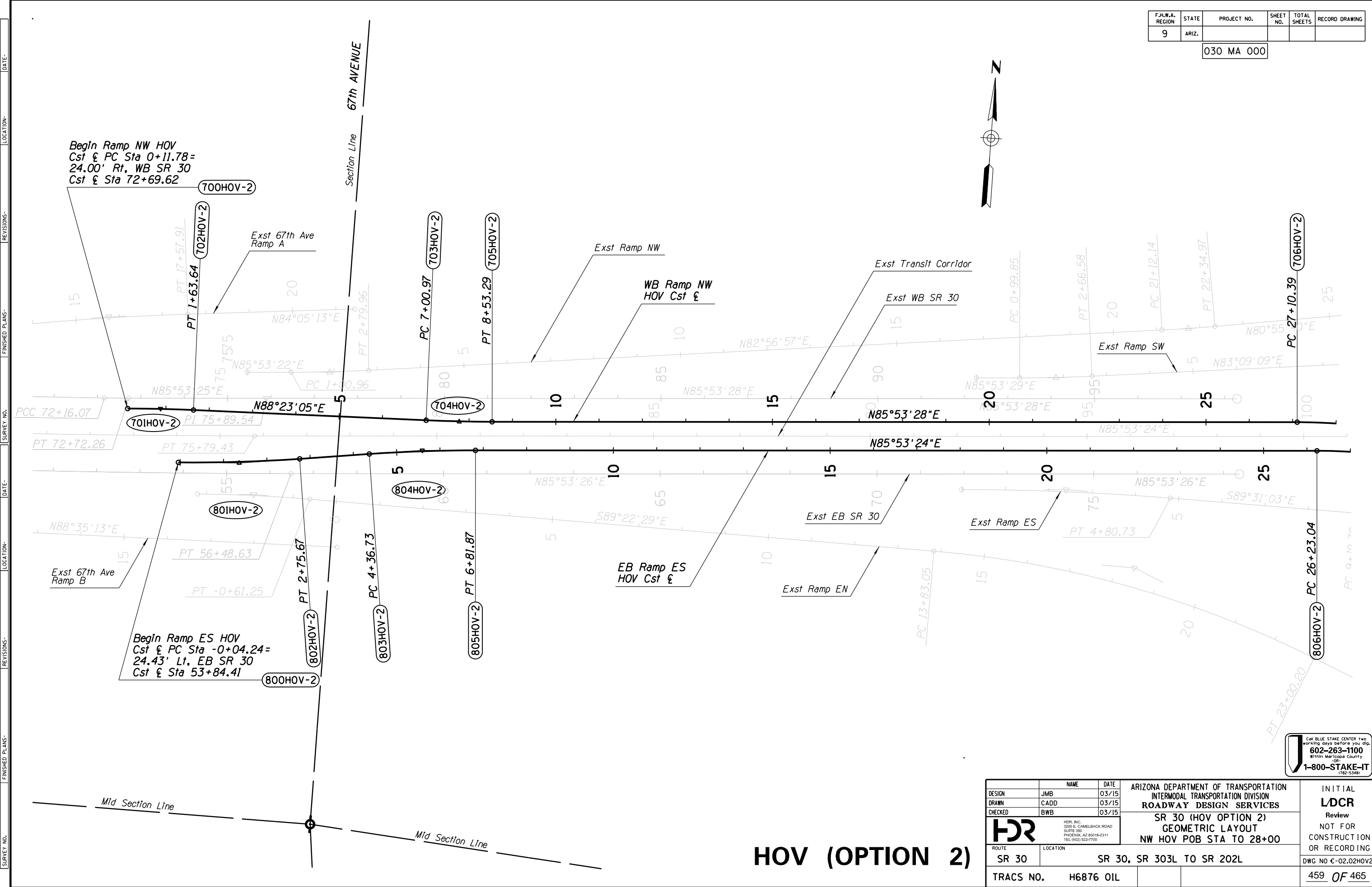
All bearings and angles have been rounded to the nearest second.
Use the control points provided and their respective state plane coordinates to re-establish the centerline of each roadway.

HOV (OPTION 2)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
		HDR, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700		SR 30 (OPTION 2) GEOMETRIC DATA SHEET	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL				DWG NO. 02.01HOV2 458 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

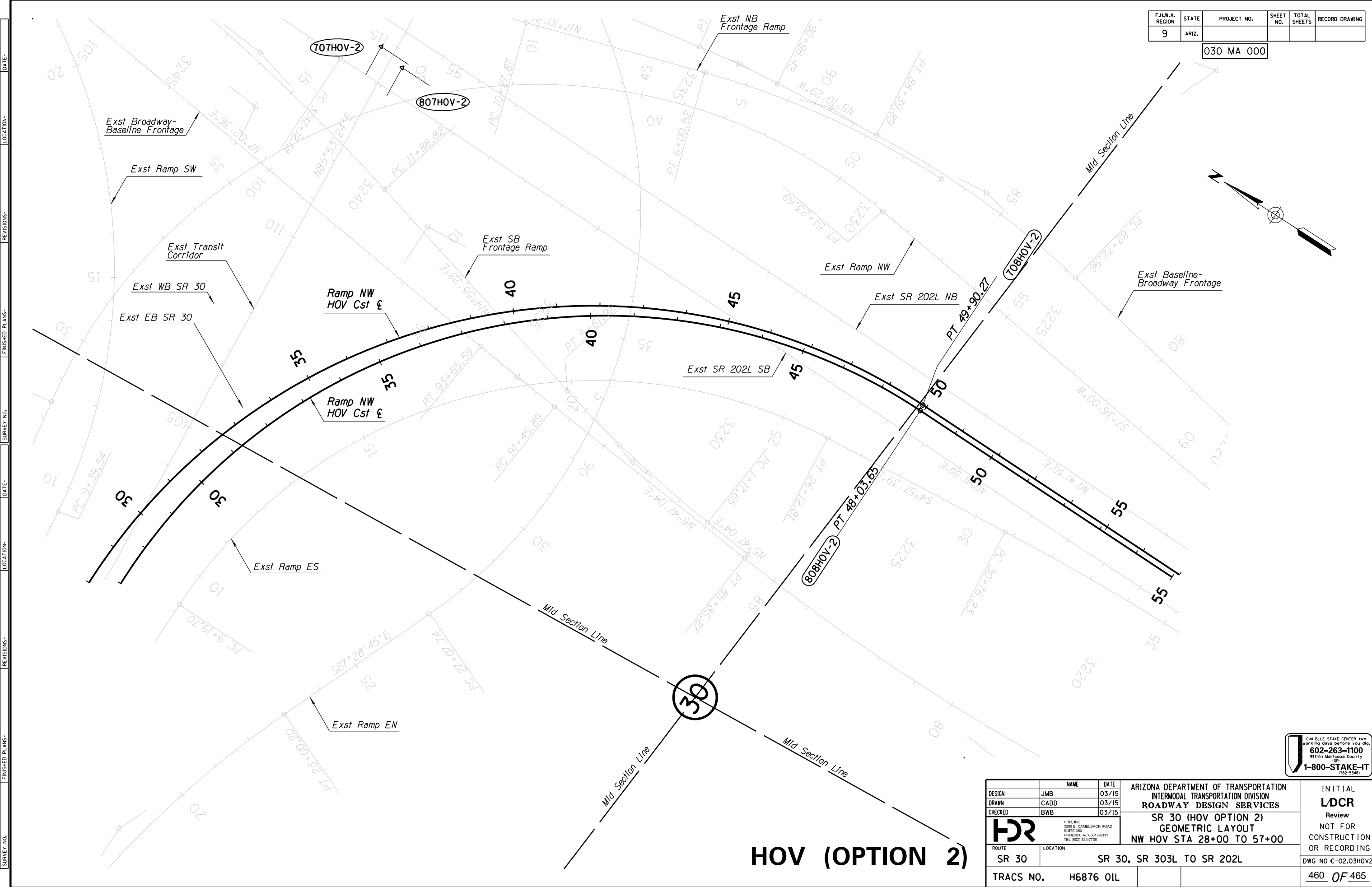
HOV (OPTION 2)

Call BLUE STAKE CENTER two working days before you dig.
602-263-1100
 Within Maricopa County
 OR
1-800-STAKE-IT
 (782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
				SR 30 (HOV OPTION 2) GEOMETRIC LAYOUT NW HOV POB STA TO 28+00	DWG NO €-02.02HOV2
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		
TRACS NO.	H6876 OIL				459 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

HOV (OPTION 2)

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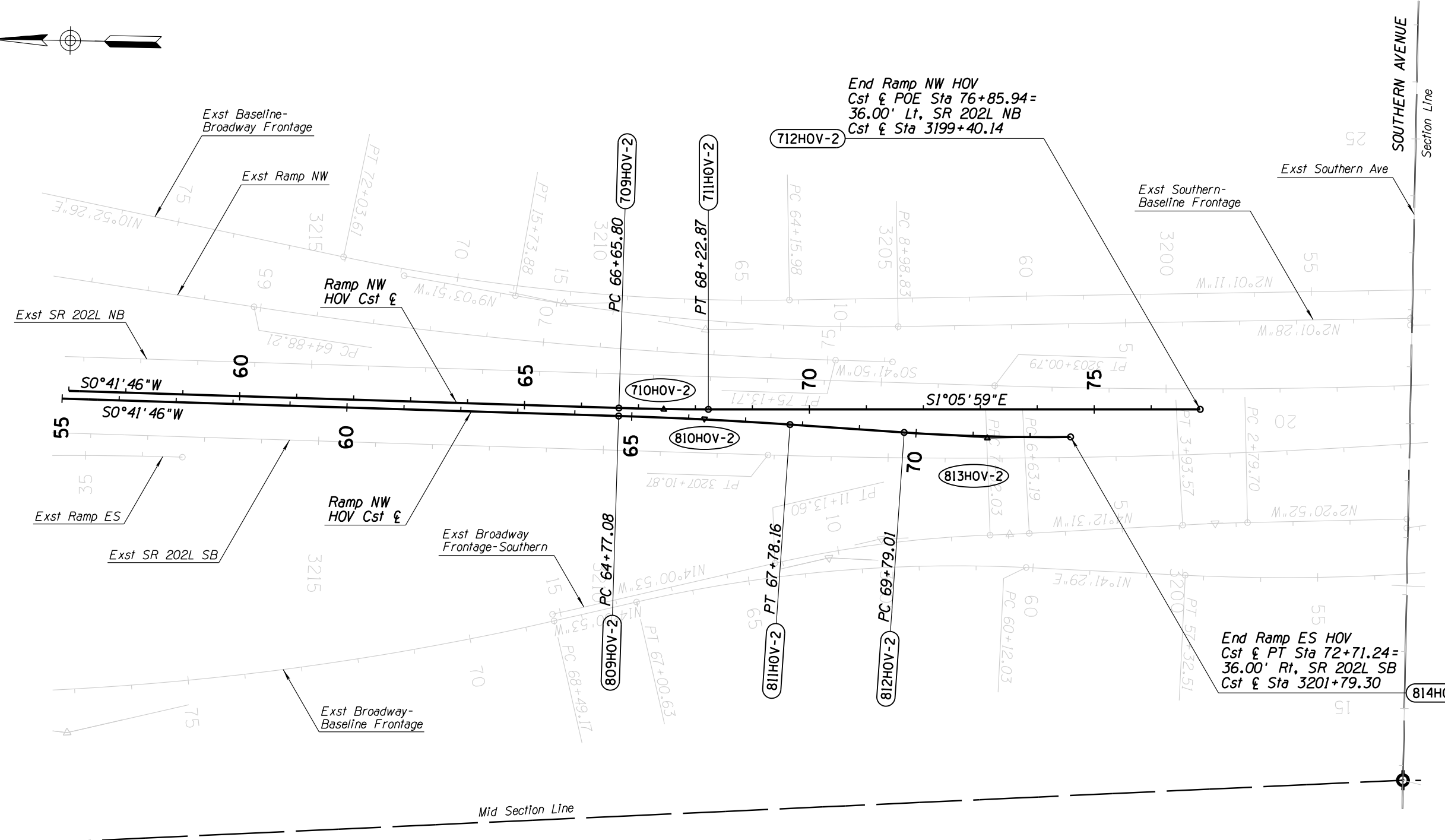
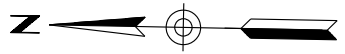
DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review	
DRAWN	JMB	03/15			SR 30 (HOV OPTION 2) GEOMETRIC LAYOUT NW HOV STA 28+00 TO 57+00
CHECKED	CADD	03/15			
CHECKED	BWB	03/15	SR 30, SR 303L TO SR 202L	NOT FOR CONSTRUCTION OR RECORDING	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L	DWG NO €-02.03HOV2	
TRACS NO.	H6876 OIL			460 OF 465	



HDR, INC.
 3200 E. GAMBELBACK ROAD
 SUITE 300
 PHOENIX, AZ 85018-2311
 TEL (602) 922-7700

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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

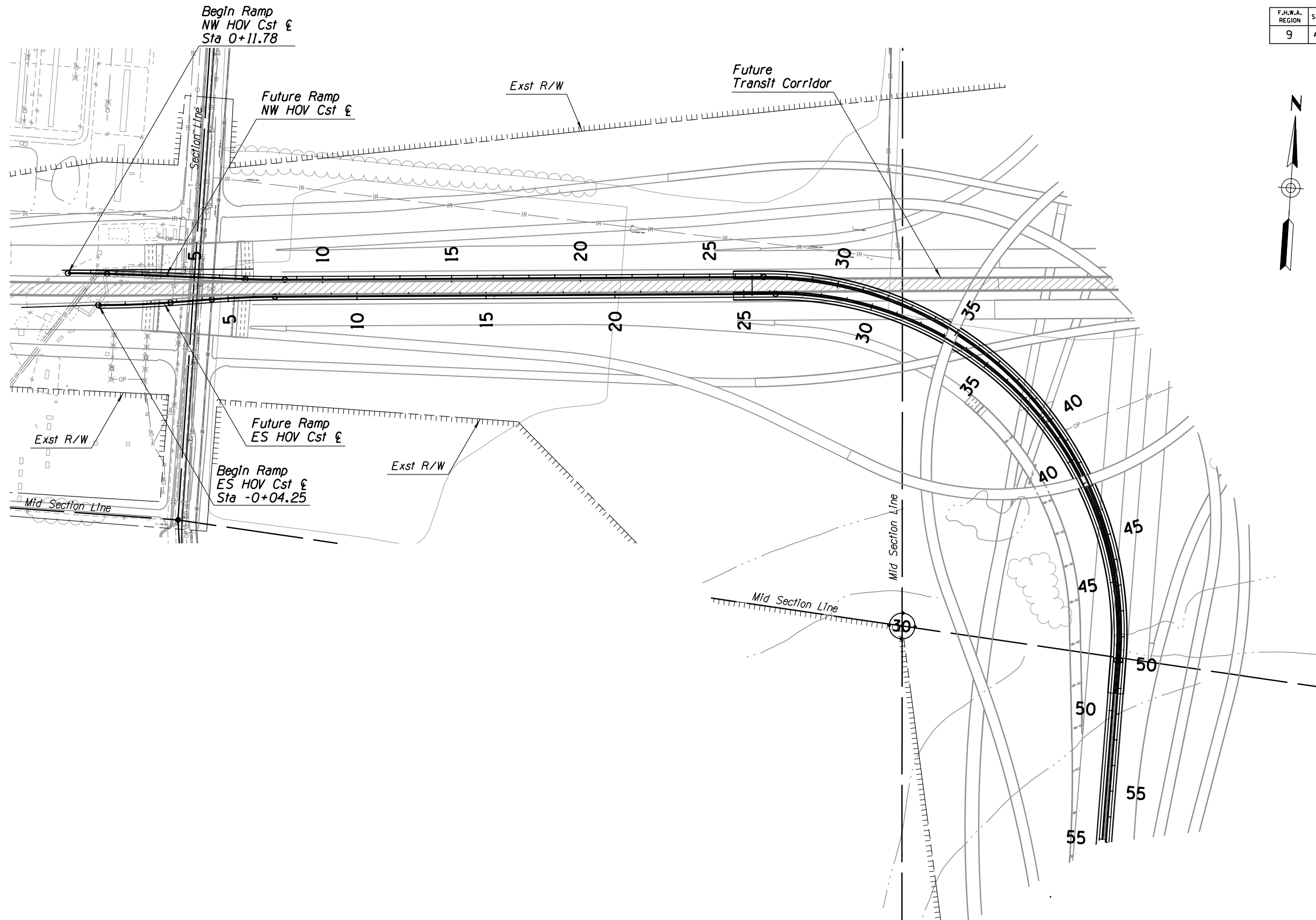
HOV (OPTION 2)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
HR		<small>HR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		SR 30 (HOV OPTION 2) GEOMETRIC LAYOUT NW HOV STA 57+00 TO POE	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO €-02.04HOV2
TRACS NO.	H6876 OIL				461 OF 465

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Within Maricopa County
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(782-5348)

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


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

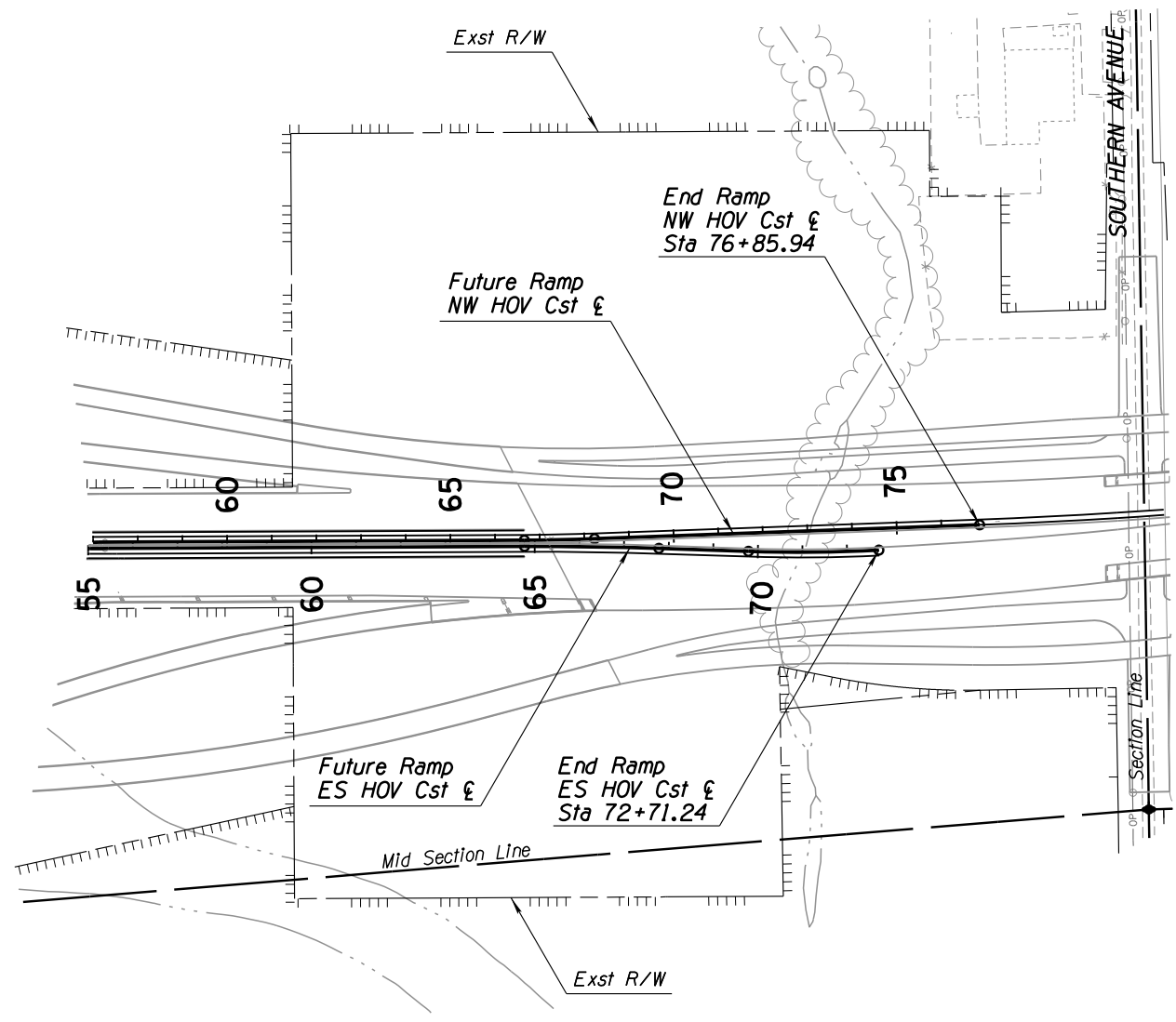
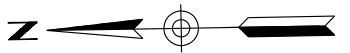
HOV (OPTION 2)

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602-263-1100
 Within Maricopa County OR
1-800-STAKE-IT
(782-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
 <small>HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		PLAN SHEET SR 30 (HOV OPTION 2) NW HOV POB STA TO 57+00		DWG NO €-03.01HOV2	
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L	462 OF 465	
TRACS NO.	H6876 OIL				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				


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

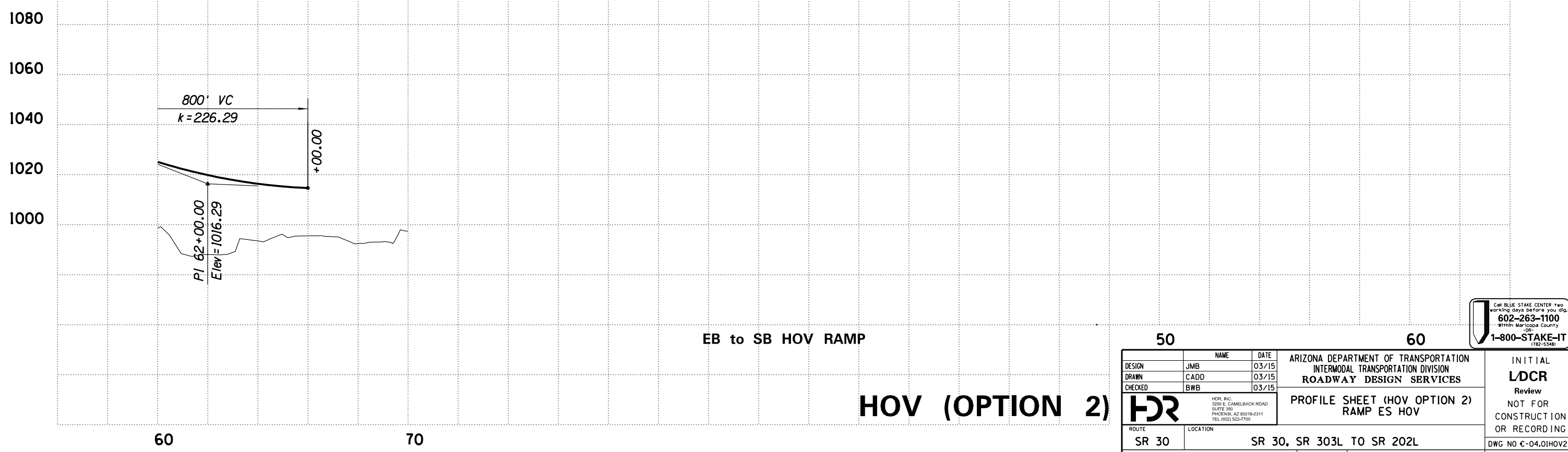
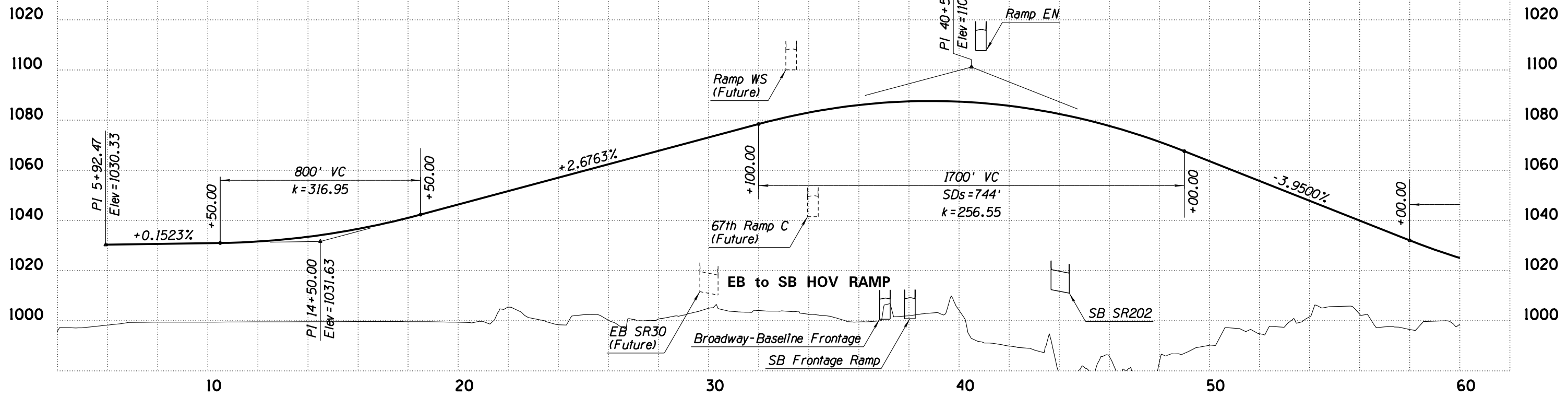
HOV (OPTION 2)

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 Within Maricopa County OR
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DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	03/15			
CHECKED	BWB	03/15			
 <small>HDR, INC. 3200 E. CAMELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL (602) 922-7700</small>		PLAN SHEET SR 30 (HOV OPTION 2) NW HOV STA 57+00 TO POE			
ROUTE	SR 30	LOCATION	SR 30, SR 303L TO SR 202L		DWG NO €-03.02HOV2
TRACS NO.	H6876 OIL				463 OF 465

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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HOV (OPTION 2)

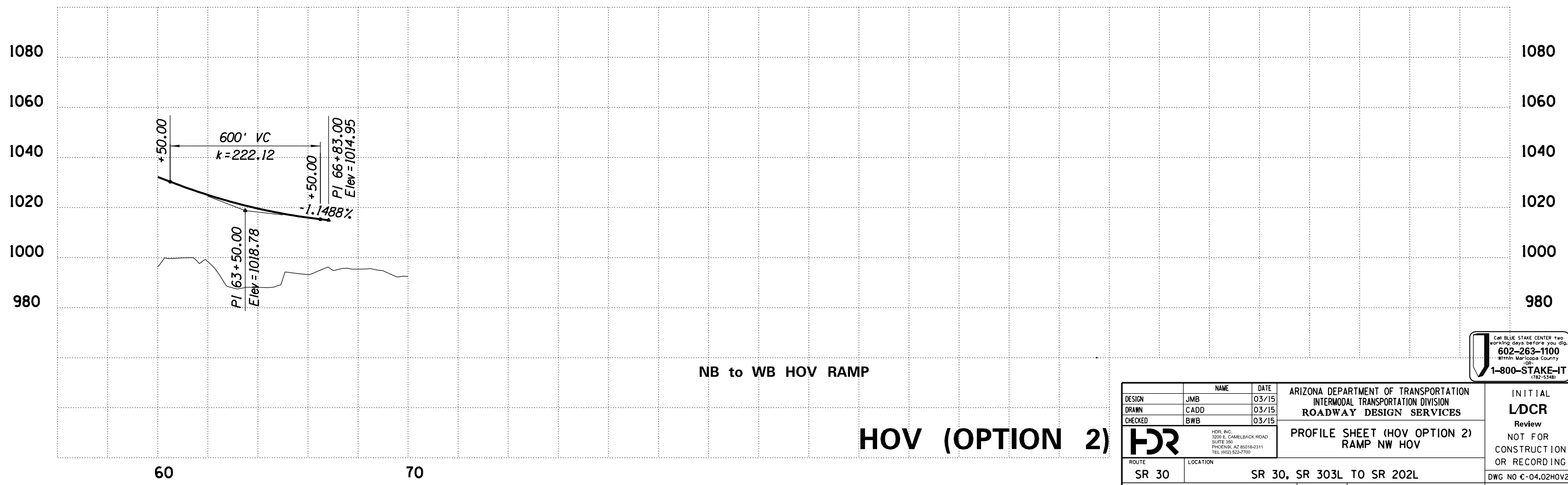
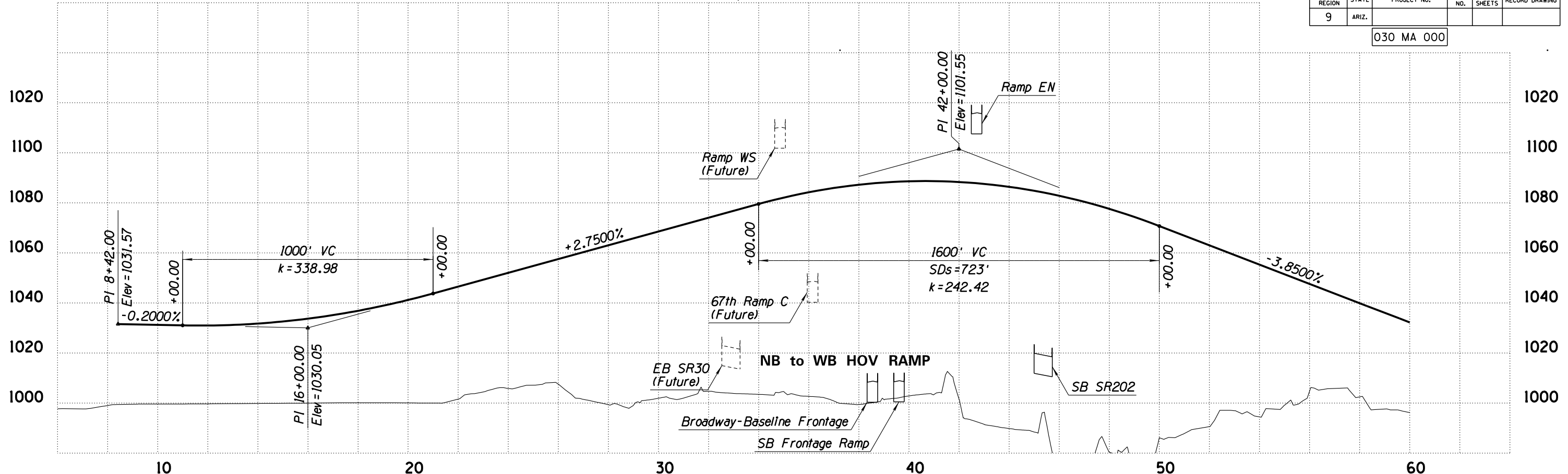
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DESIGN	JMB	DATE	03/15		
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
H&R H&R, INC. 3200 E. GAMBELBACK ROAD SUITE 300 PHOENIX, AZ 85018-2311 TEL: (602) 922-7700		ROUTE SR 30		LOCATION SR 30, SR 303L TO SR 202L	
TRACS NO.		H6876 OIL		464 OF 465	



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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NB to WB HOV RAMP

HOV (OPTION 2)

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 (182-5348)

DESIGN	JMB	DATE	03/15	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SERVICES	INITIAL LDCR Review NOT FOR CONSTRUCTION OR RECORDING
DRAWN	CADD	DATE	03/15		
CHECKED	BWB	DATE	03/15		
ROUTE		LOCATION		PROFILE SHEET (HOV OPTION 2) RAMP NW HOV	
SR 30		SR 30, SR 303L TO SR 202L		DWG NO €-04.02HOV2	
TRACS NO.		H6876 OIL		465 OF 465	

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