The reinforcing bar list on the following pages was generated within ProStructures. The following categories are contained within the report.

Bar Mark

Each bar within the model was assigned a bar mark. The make-up of the bar mark is shown below. For the purposes of bar marking, the alpha code is constant for all bars and acts as a spacer between the bar size and mark number. The alpha code does not correspond with the letter designation within the model level names.

6A24

Bar Size

Bar Mark No.

Alpha Code

Location

Describes the location of the bar within a specific concrete element.

Quantity

The total number of bars with the same bar mark and shape dimensions.

Material

The material designation is comprised of a number and letter. The number refers to the grade of steel, and the letter refers to the coating designation. The coating designations are as follows:

B - Black (Uncoated)
E - Epoxy Coated
S - Stainless Steel

Bar Size

English bar size designation

Pin Dia.

Inside diameter of bar bends shown in inches.

Length

Total length of the bar in feet and inches. Feet and inches are separated by a colon.

Bent Bar Detail

Shape of the bars with all applicable dimensions. Feet and inches are separated by a hyphen.

Weight

Total weight of bars with the same bar mark shown in pounds.

HDR	**South Abutment Reinforcing Bar List**			**Status:**	
				Drawing No:	
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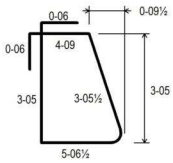
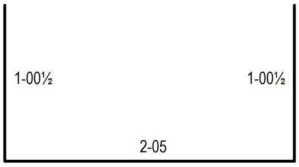
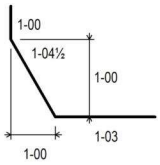
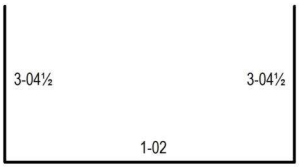
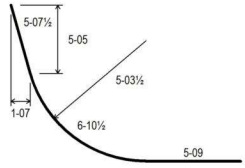
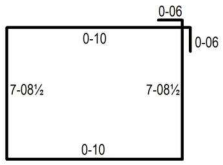
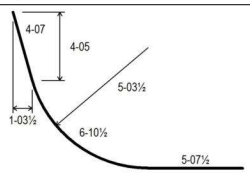
		Project No.:	IM-080-6(355)239--13-52	**Revision:**	
Project:	I-80/I-380 Interchange, Design No. 420	**Prepared by:**	GMS	**Date:**	Friday, May 4, 2018
Model:	52080355_420_PS.dgn	**Checked by:**	TLP	**Last revised:**	

Bar Mark	Location	Quantity	Material	Bar Size	Pin Dia. (in)	Length (ft:in)	Bent Bar Detail (ft-in)	Weight (lbs)
8A186	Abut_Footing_Longitudinal	17	60E	#8	0.0	29:1		1,320
5A187	Abut_Footing_Hoops	4	60E	#5	2.5	19:2		80
5A188	Abut_Footing_Hoops	24	60E	#5	2.5	18:2		455
6A189	Abut_Backwall_B.F._Vertical	51	60E	#6	0.0	12:3		938
5A190	Abut_Backwall_F.F._Vertical	25	60E	#5	0.0	11:11		311
5A191	Abut_Paving Notch	25	60E	#5	2.5	4:6		117
5A192	Abut_Paving Notch	25	60E	#5	2.5	3:7		93
5A193	Abut_Paving Notch Dowel	13	60S	#5	0.0	3:6		47
4A194	Abut_Backwall_Hairpin_Vertical	25	60E	#4	2.0	7:11		132
5A195	Abut_Maskwall/Wingwall	2	60E	#5	0.0	18:3		38
5A196	Abut_Maskwall/Wingwall	2	60E	#5	2.5	18:1		38
5A197	Abut_Maskwall/Wingwall	2	60E	#5	0.0	17:1		36
5A198	Abut_Maskwall_Top	4	60E	#5	0.0	15:10		66
5A199	Abut_Maskwall/Wingwall	4	60E	#5	0.0	15:8		65

HDR	**South Abutment Reinforcing Bar List**			**Status:**	
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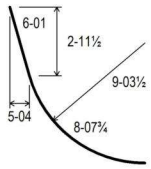
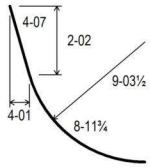
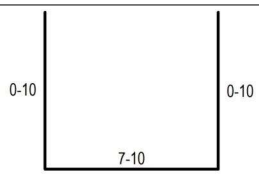
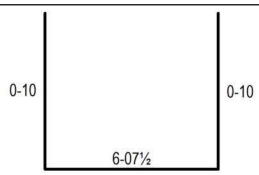
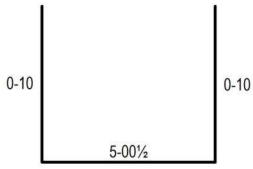
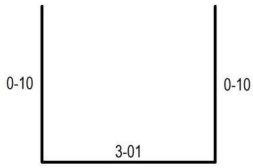
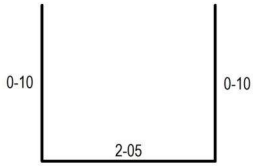
Project:	I-80/I-380 Interchange, Design No. 420	**Prepared by:**	GMS	**Date:**	Friday, May 4, 2018
Model:	52080355_420_PS.dgn	**Checked by:**	TLP	**Last revised:**	

Bar Mark	Location	Quantity	Material	Bar Size	Pin Dia. (in)	Length (ft:in)	Bent Bar Detail (ft-in)	Weight (lbs)
5A200	Abut_Maskwall/Wingwall	1	60E	#5	0.0	14:9		15
5A201	Abut_Maskwall/Wingwall	1	60E	#5	0.0	13:6		14
5A202	Abut_Maskwall/Wingwall	8	60E	#5	0.0	13:2		110
5A203	Abut_Maskwall/Wingwall	12	60E	#5	0.0	12:0		150
5A204	Abut_Maskwall/Wingwall	1	60E	#5	0.0	9:8		10
5A205	Abut_Maskwall/Wingwall	8	60E	#5	0.0	9:6		79
5A206	Abut_Maskwall/Wingwall	2	60E	#5	2.5	9:6		20
5A207	Abut_Maskwall/Wingwall	3	60E	#5	0.0	8:6		27
5A208	Abut_Maskwall/Wingwall	4	60E	#5	0.0	8:5		35
5A209	Abut_Maskwall/Wingwall	2	60E	#5	2.5	8:3		17
5A210	Abut_Maskwall/Wingwall	6	60E	#5	0.0	7:9		49
5A211	Abut_Maskwall/Wingwall	6	60E	#5	0.0	7:5		46
5A212	Abut_Maskwall/Wingwall	10	60E	#5	0.0	7:3		76
5A213	Abut_Maskwall/Wingwall	4	60E	#5	0.0	6:11		29
5A214	Abut_Maskwall/Wingwall	2	60E	#5	2.5	6:8		14
5A215	Abut_Maskwall/Wingwall	34	60E	#5	0.0	5:8		201
5A216	Abut_Maskwall/Wingwall	2	60E	#5	0.0	5:0		10
5A217	Abut_Maskwall/Wingwall	2	60E	#5	2.5	4:9		10
5A218	Abut_Maskwall/Wingwall	4	60E	#5	0.0	4:6		19
5A219	Abut_Maskwall/Wingwall	2	60E	#5	2.5	4:1		9
5A220	Abut_Maskwall/Wingwall	2	60E	#5	0.0	3:8		8

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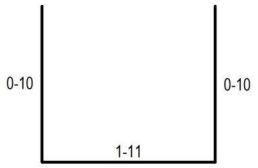
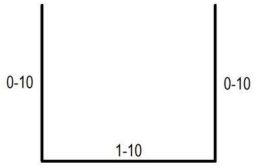
Project:	I-80/I-380 Interchange, Design No. 420	**Prepared by:**	GMS	**Date:**	Friday, May 4, 2018
Model:	52080355_420_PS.dgn	**Checked by:**	TLP	**Last revised:**	

Bar Mark	Location	Quantity	Material	Bar Size	Pin Dia. (in)	Length (ft:in)	Bent Bar Detail (ft-in)	Weight (lbs)
5A221	Abut_Maskwall/Wingwall	2	60E	#5	2.5	3:9		8
5A222	Abut_Maskwall/Wingwall	4	60E	#5	0.0	3:6		15
5A223	Abut_Maskwall/Wingwall	2	60E	#5	2.5	3:7		7
5A224	Abut_Maskwall/Wingwall	11	60E	#5	2.5	3:6		40
5A225	Abut_Maskwall/Wingwall	4	60E	#5	0.0	2:11		12
5A226	Abut_Maskwall/Wingwall	4	60E	#5	0.0	2:7		11
5A227	Abut_Maskwall/Wingwall	4	60E	#5	0.0	2:4		10
5A228	Abut_Maskwall/Wingwall	4	60E	#5	0.0	2:1		9
5A229	Abut_Maskwall/Wingwall	4	60E	#5	0.0	1:10		8
5A230	Abut_Maskwall/Wingwall	4	60E	#5	0.0	1:7		7
5A231	Abut_Maskwall/Wingwall	4	60E	#5	0.0	1:5		6
6A232	Abut_Maskwall/Wingwall	28	60E	#6	0.0	24:3		1,020
6A233	Abut_Wingwall_Bottom	4	60E	#6	0.0	17:6		105
6A234	Abut_Maskwall/Wingwall	2	60E	#6	0.0	15:7		47
6A235	Abut_Maskwall/Wingwall	2	60E	#6	0.0	15:4		46
6A236	Abut_Maskwall/Wingwall	2	60E	#6	0.0	12:10		39
6A237	Abut_Maskwall/Wingwall	2	60E	#6	0.0	12:8		38
6A238	Abut_Maskwall/Wingwall	2	60E	#6	0.0	10:2		31
6A239	Abut_Maskwall/Wingwall	2	60E	#6	0.0	10:0		30
6A240	Abut_Maskwall/Wingwall	2	60E	#6	0.0	7:5		22
6A241	Abut_Maskwall/Wingwall	2	60E	#6	0.0	6:2		19
6A242	Abut_Wingwall_Dowels	4	60E	#6	0.0	5:0		30
5A243	Abut_Maskwall/Wingwall	4	60E	#5	0.0	14:1		59
5A244	Abut_Maskwall/Wingwall	4	60E	#5	0.0	12:10		54
5A245	Abut_Maskwall/Wingwall	2	60E	#5	0.0	11:10		25
5A246	Abut_Maskwall/Wingwall	2	60E	#5	0.0	11:6		24
5A247	Abut_Maskwall/Wingwall	2	60E	#5	0.0	11:4		24
5A248	Abut_Maskwall/Wingwall	2	60E	#5	0.0	11:1		23
5A249	Abut_Maskwall/Wingwall	2	60E	#5	0.0	10:11		23
5A250	Abut_Maskwall/Wingwall	2	60E	#5	0.0	10:8		22
5A251	Abut_Maskwall/Wingwall	2	60E	#5	0.0	10:7		22
5A252	Abut_Maskwall/Wingwall	4	60E	#5	0.0	10:3		43
5A253	Abut_Maskwall/Wingwall	4	60E	#5	0.0	9:11		41
5A254	Abut_Maskwall/Wingwall	2	60E	#5	0.0	9:2		19
5A255	Abut_Maskwall/Wingwall	2	60E	#5	0.0	9:1		19
5A256	Abut_Maskwall/Wingwall	2	60E	#5	0.0	8:10		18
5A257	Abut_Maskwall/Wingwall	2	60E	#5	0.0	8:9		18
5A258	Abut_Maskwall/Wingwall	2	60E	#5	0.0	8:4		17
5A259	Abut_Maskwall/Wingwall	2	60E	#5	0.0	8:1		17
5A260	Abut_Maskwall/Wingwall	2	60E	#5	0.0	7:11		17
5A261	Abut_Maskwall/Wingwall	2	60E	#5	0.0	7:7		16
5A262	Abut_Maskwall/Wingwall	2	60E	#5	0.0	7:2		15
5A263	Abut_Maskwall/Wingwall	2	60E	#5	0.0	7:1		15
5A264	Abut_Maskwall/Wingwall	2	60E	#5	0.0	6:9		14
5A265	Abut_Maskwall/Wingwall	2	60E	#5	0.0	6:8		14
5A266	Abut_Maskwall/Wingwall	4	60E	#5	0.0	6:5		27
5A267	Abut_Maskwall/Wingwall	4	60E	#5	0.0	6:0		25
6A268	Abut_Backwall_Longitudinal	22	60E	#6	0.0	25:8		848

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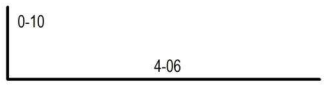
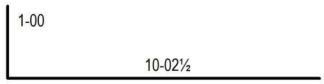
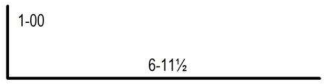
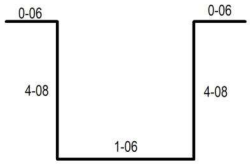
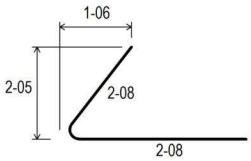
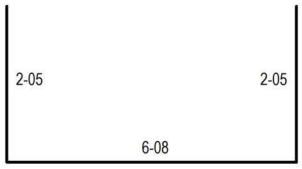
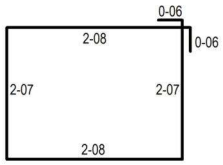
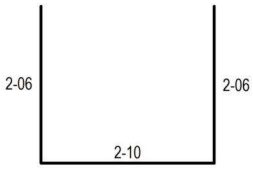
Project:	I-80/I-380 Interchange, Design No. 420	**Prepared by:**	GMS	**Date:**	Friday, May 4, 2018
Model:	52080355_420_PS.dgn	**Checked by:**	TLP	**Last revised:**	

Bar Mark	Location	Quantity	Material	Bar Size	Pin Dia. (in)	Length (ft:in)	Bent Bar Detail (ft-in)	Weight (lbs)
5A269	Abut_Paving Notch_Longitudinal	2	60E	#5	0.0	25:8		54
5A270	Abut_Wingwall_Dowels	44	60E	#5	3.75	5:4		245
6A271	Abut_Counterfort_Vertical	20	60E	#6	4.5	11:2		335
6A272	Abut_Counterfort_Vertical	20	60E	#6	4.5	7:11		238
5A273	Abut_Counterfort_Horizontal	28	60E	#5	2.5	11:10		346
5A274	Abut_Counterfort_Dowels	24	60E	#5	0.0	4:0		100
8A275	Abut_Pile Uplift Anchors	8	60E	#8	6.0	5:4		114
5A276	Abut_Wing Footing_Longitudinal	32	60E	#5	2.5	11:6		384
5A277	Abut_Wing Footing_Transverse	32	60E	#5	2.5	11:6		384
5A278	Abut_Pedestal_Transverse	24	60E	#5	2.5	7:10		196

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			Drawing No:	
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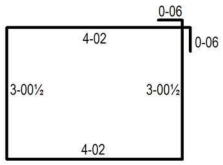
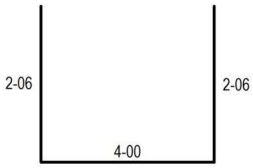
	Project No.:	IM-080-6(355)239--13-52	**Revision:**	
Project: I-80/I-380 Interchange, Design No. 420	**Prepared by:**	GMS	**Date:**	Friday, May 4, 2018
Model: 52080355_420_PS.dgn	**Checked by:**	TLP	**Last revised:**	

Bar Mark	Location	Quantity	Material	Bar Size	Pin Dia. (in)	Length (ft:in)	Bent Bar Detail (ft-in)	Weight (lbs)
5A279	Abut_Pedestal_Hoops	2	60E	#5	2.5	15:5		32
5A280	Abut_Pedestal_Longitudinal	16	60E	#5	2.5	9:0		150

Page totals:	Qty: 774	Weight: 10,277