

SHE-075-0614R ESTIMATED QUANTITIES						MADE BY AMD	CHECKED BY CCJ		
						DATE 08/04/17	DATE 08/07/17		
ITEM	ITEM EXT.	TOTAL	UNITS	DESCRIPTION	SHE-075-0614R				SHT. REF.
					ABUTS.	PIERS	SUPER.	GENERAL	
202	11203	LUMP		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LUMP	3
202	22900	133	SQ YD	APPROACH SLAB REMOVED				133	
202	23500	133	SQ YD	WEARING COURSE REMOVED				133	
503	11100	LUMP		COFFERDAMS AND EXCAVATION BRACING				LUMP	
503	21100	155	CU YD	UNCLASSIFIED EXCAVATION	155				
509	10000	39345	LB	EPOXY COATED STEEL REINFORCEMENT	5928			33417	
509	26000	67367	LB	GALVANIZED STEEL REINFORCEMENT			65533	1834	
509	30020	6134	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			4683	1451	
510	10000	222	EACH	DOWEL HOLES WITH NON-SHRINK, NONMETALLIC GROUT	222				
511	34446	226	CU YD	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			226		
511	34450	58	CU YD	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)			58		
511	43512	33	CU YD	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	33				
512	10100	432	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	60		372		
512	33300	20	SQ YD	TYPE A WATERPROOFING	20				
513	10201	3000	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN			3000		3
513	20000	2394	EACH	WELDED STUD SHEAR CONNECTORS			2394		
513	95030	12	EACH	STRUCTURAL STEEL, MISC.: MOMENT PLATE RETROFIT			12		3
514	00050	6664	SQ FT	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL			6664		
514	00056	6664	SQ FT	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT			6664		
514	00060	7100	SQ FT	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			7100		
514	00066	7100	SQ FT	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			7100		
514	00504	16	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL			16		
514	10000	6	EACH	FINAL INSPECTION REPAIR			6		
514	27700	254	SQ FT	FIELD PAINTING, MISC.: COATING OF BEAM ENDS			254		3
516	10000	100	FT	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL				100	
516	10010	85	FT	ARMORLESS PREFORMED JOINT SEALER				85	
516	13600	20	SQ FT	1" PREFORMED EXPANSION JOINT FILLER	20				
516	13900	110	SQ FT	2" PREFORMED EXPANSION JOINT FILLER	110				
516	14020	110	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	110				
516	44100	12	EACH	ELASTOMERIC BEARINGS WITH INTERNAL LAMINATES (10"x15.5"x2.87") AND LOAD PLATE (11"x16.5"x1.5") (NEOPRENE)	12				
516	44100	12	EACH	ELASTOMERIC BEARINGS WITH INTERNAL LAMINATES (12"x18"x2.87") AND LOAD PLATE (13"x19"x1.5") (NEOPRENE)		12			
516	47001	LUMP		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN				LUMP	3
518	12200	6	EACH	SCUPPERS, INCLUDING SUPPORTS			6		
518	21200	60	CU YD	POROUS BACKFILL WITH GEOTEXTILE FABRIC	60				
518	40000	109	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	109				
518	40010	34	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	34				
526	25011	252	SQ YD	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN				252	3
526	90031	85	FT	TYPE C INSTALLATION (T=15"), AS PER PLAN				85	3
601	20001	180	SQ YD	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN				180	3



Project: Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614

QUANTITY COMPUTATIONS

Date: 8/4/17
 By: AMT
 Checked: CCJ
 Sheet: 8/7/2017

DESCRIPTION: PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

ITEM NO. 202E11203
 QUANTITY 1
 UNIT LUMP

Estimate a volume of concrete to be removed using quantities from original plans, then estimate a cost.

Superstructure:	Use volume per original plans.	=	192 CY
Abutments:	Use volume per original plans.	=	15 CY
Pier cap and stem:	Do not remove.	=	0 CY
Pier footings:	Do not remove.	=	0 CY

Total concrete volume: 207 CY

	Factor		Factor		Volume (cyd)		Cost / cyd		
Estimated removal co:	0.50	x	1.25	x	207	x	\$250.00	=	\$ 32,343.75 LS
Estimated removal co:	0.50	x	1.25	x	207	x	\$250.00	=	\$ 32,343.75 LS



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	8/4/17
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DESCRIPTION: APPROACH SLAB REMOVED

ITEM NO.	202E22900
QUANTITY	133
UNIT	SY

	Area (ft ²)	#		
APPROACH SLAB REMOVED	600	2	133	SY

TOTAL= 133 SY



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	<u>8/4/17</u>
By:	<u>AMT</u>
Checked:	<u>CCJ</u>
Sheet:	<u>8/7/2017</u>

DESCRIPTION: APPROACH SLAB REMOVED

ITEM NO.	<u>202E23500</u>
QUANTITY	<u>133</u>
UNIT	<u>SY</u>

	Area (ft ²)	#		
APPROACH SLAB REMOVED	600	2	133	SY

TOTAL= 133 SY



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

Date: 8/4/17
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QUANTITY COMPUTATIONS

DESCRIPTION: COFFERDAMS AND EXCAVATION BRACING

ITEM NO. 503E11100
QUANTITY 30000
UNIT LS

TOTAL **Total**
30000
Total= 30000



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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 Sheet: 8/7/2017

DESCRIPTION: UNCLASSIFIED EXCAVATION

ITEM NO. 503E21100
 QUANTITY 155
 UNIT CY

	Slope	Number	Height (FT)	Area (SF)	Vol. (CF)	
r abutment footing and wingwall	2:1	1	10.21	205.65	2099.66	77.77
d abutment footing and wingwall	2:1	1	10.16	205.65	2089.38	77.38
				Abut Total=	4189.04	155.15

TOTAL= 155 CY



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

Date: 5/24/23
 By: EEB
 Checked: _____
 Sheet: _____

QUANTITY COMPUTATIONS

DESCRIPTION: EPOXY COATED STEEL REINFORCEMENT

ITEM NO. 509E10000
 QUANTITY 39345
 UNIT LB

DESCRIPTION: GALVANIZED STEEL REINFORCEMENT

ITEM NO. 509E26000
 QUANTITY 67367
 UNIT LB

DESCRIPTION: NO. 4 DEFORMED GFRP REINFORCEMENT

ITEM NO. 509E30020
 QUANTITY 6133
 UNIT FT

		Total	
Superstructure	GALVANIZED	52803	LB
Parapet (VERTICAL)	GALVANIZED	7049	LB
Parapet (HORIZONTAL)	GFRP	4683	FT
Abutments	EPOXY	5928	LB
Pier	EPOXY	0	LB
Approach Slab Parapet (VERTICAL)	GALVANIZED	1834	LB
Approach Slab Parapet (HORIZONTAL)	GFRP	1451	FT
APPROACH SLAB	EPOXY	31395	LB
INSTALLATION	EPOXY	2022	LB
DIAPHRAGM	GALVANIZED	5681	LB
	TOTAL (GALVANIZED)=	67367	LB
	TOTAL (GFRP)=	6133	FT
	TOTAL (EPOXY)=	39345	LB



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 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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DESCRIPTION: DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT

ITEM NO. 510E10000
 QUANTITY 222
 UNIT EACH

	Dowel Hole:	#	TOTAL
REAR ABUTMENT (WINGWALLS)	23	1	23
FORWARD ABUBMENT (WINGWALLS)	23	1	23
REAR ABUTMENT (BEAM SEAT)	44	2	88
FORWARD ABUBMENT (BEAM SEAT)	44	2	88
ABUTMENT TOTAL=	222		
PIER 1	0		
PIER 2	0		
PIER TOTAL=	0		

TOTAL= 222 EACH



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

Date:	8/4/17
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Sheet:	8/7/2017

QUANTITY COMPUTATIONS

DESCRIPTION: CLASS QC2 CONCRETE, WITH QA/QC, BRIDGE DECK

ITEM NO. 511E34446
 QUANTITY 226
 UNIT CY

	<i>Slab Length (ft)</i>	<i>Width (ft)</i>	<i>Thickness (ft)</i>	<i>Flange Area (ft^2)</i>	<i>#</i>	<i>Total (CF)</i>	<i>Total (CY)</i>
Deck	146	45.3333	0.7083			4688.2	174
Haunches-Interior	146	1.2500	0.3000	0.0479	10	203.8	8
Haunches-Fascia	146	2.8750	0.3000	0.0479	2	237.9	9
	<i>Length (ft)</i>	<i>Width (ft)</i>	<i>Height (ft)</i>	<i>Approach Seat (ft^2)</i>	<i>#</i>	<i>Total (CF)</i>	<i>Total (CY)</i>
Diaphragm	45.3333	3	3.85	0.9584	2	960.3	36

TOTAL = 226 CY



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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 Checked: CCJ
 Sheet: 8/7/2017

DESCRIPTION: CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)

ITEM NO. 511E34450
 QUANTITY 58
 UNIT CY YD

		<i>Bridge Parapet</i>			
		Area	Length (ft)	#	CF
Bridge		parapet (ft)			
	LEFT	4.09	146	2	1194
		Area (ft)	Length along app. Slab (ft)	#	
Approach Slab	LEFT	4.09	11	2	90
	RIGHT	4.09	11	2	90
Transition 1	LEFT	3.51	14	2	98
	RIGHT	3.51	14	2	98
TOTAL=					58



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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 Sheet: 8/7/2017

DESCRIPTION: CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING

ITEM NO. 511E43510
 QUANTITY 33
 UNIT CY

Abutment Concrete

	Ht. (FT)		Width (ft)	Len (ft)	#	Total (CF)
REAR ABUTMENT						
Abutment footing	2.25	2.25	2.5	9.58	1	53.89
Seat		0.69	3.375	45.80	1	106.66
Filler	3.34	3.45	1	3.76	2	25.53
Wingwall 5 (Tall)	8.96	8.96	1.5	7.58	1	101.88
Wingwall 5 (Short)	4.58	4.58	1.5	7.08	1	48.66
Wingwall 6 (Tall)	8.05	8.05	1.5	7.58	1	91.53
Wingwall 6 (Short)	4.55	4.55	1.5	6.93	1	47.30
FORWARD ABUTMENT						
Seat		0.68	3.375	45.80	1	105.11
Filler	3.41	3.34	1	3.76	2	25.38
Wingwall 7 (Tall)	7.95	7.95	1.5	7.58	1	90.39
Wingwall 7 (Short)	4.59	4.59	1.5	6.93	1	47.71
Wingwall 8 (Tall)	7.86	7.86	1.5	7.58	1	89.37
Wingwall 8 (Short)	4.57	4.57	1.5	7.08	1	48.53
					Abutment Total=	881.94
TOTAL=						33.0 CY



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

Date: 8/4/17
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 Sheet: 8/7/2017

QUANTITY COMPUTATIONS

DESCRIPTION: SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

ITEM NO. 512E10100
 QUANTITY 433
 UNIT SY

Seal Abutments, piers, deck edges, parapets

	Width (ft)	Length (ft)	#	Area (SF)	Area (SY)
Rear Abutment:					
Abutment Seat, front face:	3.50	45.33	1	158.7	17.6
					0.0
Wingwall 5, front face:	2.88	14.66	1	42.2	4.7
Wingwall 5, top level:	1.50	14.66	1	22.0	0.0
					0.0
Wingwall 6, front face:	2.92	14.51	1	42.4	4.7
Wingwall 6, top level:	1.50	14.51	1	21.8	2.4
Total for Rear Abutment:					29.4
Forward Abutment:					
Abutment Seat, front face:	3.32	45.33	1	150.5	16.7
Wingwall 7, front face:	2.82	14.51	1	40.9	4.5
Wingwall 7, top level:	1.50	14.51	1	21.8	2.4
					0.0
Wingwall 8, front face:	2.87	14.66	1	42.1	4.7
Wingwall 8, top level:	1.50	14.66	1	22.0	2.44
Total for Forward Abutment:					30.8
Superstructure:					
	Length (ft)	Length (ft)	#	Area (SF)	Area (SY)
Parapets:	146	7.9	2	2306.8	256.3
Fasica & Overhang:	146	3.57	2	1042.4	115.8
Total for Super:					372.1
GRAND TOTAL=					433.0



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	8/4/17
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Checked:	CCJ
Sheet:	8/7/2017

DESCRIPTION: TYPE A WATERPROOFING

ITEM NO.	512E33300
QUANTITY	20
UNIT	SY

Length (ft)	Height (ft)	#
45.33	1.92	2.00

Area (SF)
173.77
Total= 173.77

TOTAL = 20 SY



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
By: AMD
Checked: CCJ
Sheet: 8/7/2017

DESCRIPTION: STRUCTURAL STEEL MEMBERS, LEVEL UF

ITEM NO. 513E10201
QUANTITY 3000
UNIT LB

	Length (ft)	Width (ft)	wt (lb)	#	Total (lb)
L3X3X5/16	8.000		6.1	51	2488.80
					Total= 2488.80

Rounded up to account for field splices **TOTAL = 3000 LB**



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	8/4/17
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Sheet:	8/7/2017

DESCRIPTION: WELDED STUD SHEAR CONNECTORS

ITEM NO.	513E20000
QUANTITY	2394
UNIT	EACH

SHEAR STUD # of rows # of beams				Total
BEAM	133	3	6	2394

TOTAL= 2394 EACH



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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 Checked: CCJ
 Sheet: 8/7/2017

DESCRIPTION: STRUCTURAL STEEL, MISC.: MOMENT PLATE RETROFIT

ITEM NO. 513E95030
 QUANTITY 12
 UNIT EA

	Length (ft)	Width (ft)	wt (lb)		#	Total (lb)
RETROFIT PLATES INSIDE	0.333	1.8333	490	0.0365	96	15664.32
RETROFIT PLATES OUTSIDE	0.833	1.8333	490	0.0365	48	1311.02
RETROFIT PLATES FILLER	0.833	0.9167	490	0.0521	48	935.72
BOLTS			1.62		576	933.12
					Total=	18844.18

Rounded up to account for field splices

TOTAL = 12 EA



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

Date: 5/12/23
 By: EEB
 Checked: _____
 Sheet: _____

QUANTITY COMPUTATIONS

DESCRIPTION: FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT

ITEM NO. 514E00060
 QUANTITY 7100
 UNIT SF

DESCRIPTION: FIELD PAINTING STRUCTURAL STEEL, FINISH COAT

ITEM NO. 514E00066
 QUANTITY 7100
 UNIT SF

	Length (ft)	bf (in)	d (in)	Perimeter (in)	#	Area (SF)
Existing Beams	145	10.5	30.2	91.9	6	6663.26
x-frames	8			12	51	408.00
						Total= 7071.26
Rounded up to account for field splices						TOTAL = 7100 SF

DESCRIPTION: FIELD PAINTING, MISC.: COATING OF BEAM ENDS

ITEM NO. 514E27700
 QUANTITY 254
 UNIT SF

	Length (ft)	bf (in)	d (in)	Perimeter (in)	#	Area (SF)
Existing Beams	5.5	10.5	30.2	91.9	6	252.73
						Add area of beam end
						Total= 253.23
						TOTAL = 254 SF

DESCRIPTION: SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL

ITEM NO. 514E00050
 QUANTITY 6664
 UNIT SF

DESCRIPTION: FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT

ITEM NO. 51400056
 QUANTITY 6664
 UNIT SF

	Length (ft)	bf (in)	d (in)	Perimeter (in)	#	Area (SF)
Existing Beams	145	10.5	30.2	91.9	6	6662.75
						Add area of beam end
						Total= 6663.26
						TOTAL = 6664 SF



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

Date: 5/12/23
 By: EEB
 Checked: _____
 Date: _____

QUANTITY COMPUTATIONS

DESCRIPTION: GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL

ITEM NO. 514E00504
 QUANTITY 16
 UNIT MNHR

DESCRIPTION: FINAL INSPECTION REPAIR

ITEM NO. 514E10000
 QUANTITY 6
 UNIT EACH

	Length (ft)	#	HRS/LEN GTH	MNHR
Existing Beams	146	6	0.016667	14.60

Total= 14.60
 Say 5% Spot Paint = 0.73

TOTAL = 16.00 MNHR



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	8/4/17
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DESCRIPTION: PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL

ITEM NO.	516E10000
QUANTITY	100
UNIT	FT

	<i>Length (FT)</i>	<i>#</i>	<i>Length</i>	
REAR APPROACH SLAB	45.45	1.00	45.5	FT
FORWARD APPROACH SLAB	45.45	1.00	45.5	FT
APPROACH SLAB TOTAL=			90.9	FT

TOTAL = 100.0 FT



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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DESCRIPTION: ARMORLESS PREFORMED JOINT SEAL

ITEM NO. 516E10010
QUANTITY 85
UNIT FT

	LENGTH		
	(FT)	#	Total (FT)
Rear	42.12	1	42.1
Forward	42.12	1	42.1
Total=			84.2

TOTAL = 85.0 FT



Project: SHE-075-5.66/6.34/6.25
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ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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DESCRIPTION: 1" PREFORMED EXPANSION JOINT FILLER

ITEM NO. 516E13600
QUANTITY 20
UNIT SF

	Area (SF)	#
REAR ABUTMENT	4.08	2.00
FORWARD ABUTMENT	4.08	2.00

	Area	SF
	8.2	SF
	8.2	SF
LEFT ABUTMENT TOTAL=	16.3	SF

TOTAL = 20.0 SF



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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DESCRIPTION: 2" PREFORMED EXPANSION JOINT FILLER

ITEM NO. 516E13900
 QUANTITY 110
 UNIT SF

	<i>Length</i>	<i>height</i>	<i>#</i>	<i>Area</i>	
WINGWALL 5	14.66	1.25	1	18.3	SF
WINGWALL 6	14.51	1.25	1	18.1	SF
WINGWALL 7	14.51	1.25	1	18.1	SF
WINGWALL 8	14.66	1.25	1	18.3	SF
DIAPHRAGM END(REAR)	3	4.61	1	13.8	SF
DIAPHRAGM END(FORWARD)	3	4.53	1	13.6	SF

ABUTMENT TOTAL= 100.3 SF

TOTAL = 110.0 SF



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
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QUANTITY COMPUTATIONS

Date:	8/4/17
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DESCRIPTION: SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL

ITEM NO.	516E14020
QUANTITY	110
UNIT	FT

	Length	#	Total (FT)
Rear abutment	52.84	1	52.84
Forward Abutment	52.68	1	52.68

TOTAL = 110 FT



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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DESCRIPTION: ELASTOMERIC BEARINGS WITH INTERNAL LAMINATES
(10"x15.5"x2.87") AND LOAD PLATE (11"x16.5"x1.5") (NEOPRENE)

ITEM NO. 516E44100
QUANTITY 12
UNIT EA

	# BRGS	#	Total
Abutments	6	2	12

TOTAL = 12 EA



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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DESCRIPTION: ELASTOMERIC BEARINGS WITH INTERNAL LAMINATES
 (12"x18"x2.87") AND LOAD PLATE (13"x19"x1.5") (NEOPRENE)

ITEM NO. 516E44100
 QUANTITY 12
 UNIT EA

	# BRGS	#	Total
Piers	6	2	12

TOTAL = 12 EA



Project: SHE-075-5.66/6.34/6.25
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QUANTITY COMPUTATIONS

DESCRIPTION: JACKING AND TEMPORARY SUPPORT OF STRUCTURE, AS PER PLAN

ITEM NO. 516E47001
QUANTITY 24000
UNIT LS

	# Jacking Points	#	Cost/Poi nt	Total
Abutments	6	2	1000	12000
Piers	6	2	1000	12000
			Total=	24000



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
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DESCRIPTION: SCUPPERS, INCLUDING SUPPORTS

ITEM NO. 518E12200
QUANTITY 6
UNIT EA

	#	Total
scuppers	6	6

TOTAL = 6 EA



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
 By: AMT
 Checked: CCJ
 Sheet: 8/7/2017

DESCRIPTION: POROUS BACKFILL WITH GEOTEXTILE FABRIC

ITEM NO. 518E21200
 QUANTITY 60
 UNIT CY

	<i>ground el</i>	<i>top fig el</i>	<i>Height (ft)</i>	<i>width</i>	<i>length</i>	<i>#</i>			
REAR ABUTMENT	1048.75	1042.55	6.20	2	45.80	1	567.92	21.03	
FORWARD ABUTMENT	1049.19	1043.15	6.04	2	45.80	1	553.26	20.49	
WINGWALLS 5 (SHORT)	1049.22	1045.89	3.33	2	7.08	1	47.15	1.75	
WINGWALLS 5 (TALL)	1048.59	1042.55	6.04	2	1.66	1	20.05	0.74	
WINGWALLS 6 (SHORT)	1049.30	1046.00	3.3	2	6.93	1	45.74	1.69	
WINGWALLS 6 (TALL)	1048.68	1042.55	6.13	2	1.96	1	24.03	0.89	
WINGWALLS 7 (SHORT)	1049.81	1046.49	3.32	2	6.93	1	46.02	1.70	
WINGWALLS 7 (TALL)	1049.09	1043.15	5.94	2	1.96	1	23.28	0.86	
WINGWALLS 8 (SHORT)	1049.90	1046.56	3.34	2	7.08	1	47.29	1.75	
WINGWALLS 8 (TALL)	1049.18	1043.15	6.03	2	1.66	1	20.02	0.74	
ABUTMENTS TOTAL=								50.92	

TOTAL = 60.0 CY



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	8/4/17
By:	AMT
Checked:	CCJ
Sheet:	8/7/2017

DESCRIPTION: 6" PERFORATED CORRUGATED PLASTIC PIPE

ITEM NO.	518E40000
QUANTITY	109
UNIT	FT

	Length	#	Total (FT)
Right wingwall	26.00	2	52
Left wingwall	28.25	2	57

TOTAL = 109 FT



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	8/4/17
By:	AMT
Checked:	CCJ
Sheet:	8/7/2017

DESCRIPTION: 6" NON-PERFORATED CORRUGATED PLASTIC PIPE INCLUDING SPECIALS

ITEM NO.	518E40010
QUANTITY	34
UNIT	FT

	Length	#	Total (FT)
Rear wingwalls	15.75	1	16
Forward wingwalls	18.50	1	19

TOTAL = 34 FT



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
 By: AMT
 Checked: CCJ
 Sheet: 8/7/2017

DESCRIPTION: REINFORCED CONCRETE APPROACH SLAB WITH QC/QA (T=15"), AS P

ITEM NO. 526E25011
 QUANTITY 252
 UNIT SY

	AREA (SF)	#	Total (SF)	Total (SY)
Rear	1133.34	1	1133.34	125.9
Forward	1133.34	1	1133.34	125.9
Total=			2266.7	251.9

TOTAL = 252.0 SY



Project: SHE-075-5.66/6.34/6.25
Bridge: SHE-075-0614
ODOT

QUANTITY COMPUTATIONS

Date:	8/4/17
By:	AMT
Checked:	CCJ
Sheet:	8/7/2017

DESCRIPTION: TYPE C INSTALLATION (T=15")

ITEM NO.	526E90030
QUANTITY	85
UNIT	FT

	Len (ft)	#
Rear Sleeper Slab	42.12	1
Forward Sleeper Slab	42.12	1

Total Length (FT)
42.1
42.1
TOTAL 84.2

TOTAL = 85.0 FT



Project: SHE-075-5.66/6.34/6.25
 Bridge: SHE-075-0614
 ODOT

QUANTITY COMPUTATIONS

Date: 8/4/17
 By: AMT
 Checked: CCJ
 Sheet: 8/7/2017

DESCRIPTION: CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN

ITEM NO. 601E20001
 QUANTITY 180
 UNIT SY

	Length	Width
Rear Abutment	51.45	20
Forward Abutment	51.45	11

	Total (SF)	Total (SY)
	1029	114.3
	566	62.9
TOTAL =	1595	177.2

TOTAL = 1595.0 180.0 SY