



Delaware Department of Transportation  
Quantity Sheet Summary

Proposal ID: T202007301

Project Descripton: Replacement of BR 3-164 on SR36 Cedar Beach Road

NOT TO BE USED FOR BIDDING

Item Number	Description	Unit	Quantity
721009	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	EACH	2
721012	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 3-31	EACH	2
208000	FLOWABLE FILL	CY	340
605200	PILE RESTRIKE	EACH	4
605201	DYNAMIC PILE TESTING BY CONTRACTOR FOR TEST PILE INITIAL DRIVE	EACH	6
605202	DYNAMIC PILE TESTING BY CONTRACTOR FOR RE-STRIKE OR PRODUCTION PILE	EACH	6
610005	PCC MASONRY, SUBSTRUCTURE, CLASS A	CY	368
610008	PCC MASONRY, PARAPET, CLASS A	CY	13
610017	PCC MASONRY, SUPERSTRUCTURE, CLASS D	CY	58
610018	PCC MASONRY, APPROACH SLAB, CLASS D	CY	26
610500	ULTRA HIGH PERFORMANCE CONCRETE	CF	105
611001	BAR REINFORCEMENT, EPOXY COATED	LB	117407
612020	PRESTRESSED REINFORCED CONCRETE MEMBERS, SOLID SLABS	LS	1
612500	PRECAST CONCRETE PIER CAP	CY	165
762001	SAW CUTTING, CONCRETE, FULL DEPTH	LF	64
613003	HIGH MOLECULAR WEIGHT METHACRYLATE CONCRETE SEALER	SF	2213

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615001	STEEL STRUCTURES	LS	1
615512	BRIDGE SCUPPERS	EACH	8
624000	PREFABRICATED EXPANSION JOINT SYSTEM, 3"	LF	145
626010	ALUMINUM PEDESTRIAN RAILING	LF	314
626501	THREE STRAND TUBE RAIL PARAPET	LF	184
707013	RIPRAP, R-7	CY	900
720021	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	LF	55
720028	CURVED GUARDRAIL SECTION	LF	36
720035	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 2-27	LF	21
721005	GUARDRAIL END TREATMENT, TYPE 4-27	EACH	1
721006	END ANCHORAGE 31	EACH	3
721007	ENTRANCE SPECIAL END ANCHORAGE	EACH	2
763503	TRAINEE	HOURL	788
605132	INSTALL STEEL PIPE PILES, 36"	LF	333
605133	INSTALL STEEL PIPE PILES, 48"	LF	187
801000	MAINTENANCE OF TRAFFIC	LS	1
762000	SAW CUTTING, BITUMINOUS CONCRETE	LF	444

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Item Number	Description	Unit	Quantity
763000	INITIAL EXPENSE/DE-MOBILIZATION	LS	1
763001	BASELINE SCHEDULE TYPE 1	LS	1
763002	MONTHLY UPDATE SCHEDULE TYPE 1	EAMO	17
763501	CONSTRUCTION ENGINEERING	LS	1
763522	COAST GUARD SPECIFIC CONDITIONS	LS	1
763599	FIELD OFFICE, SPECIAL II	EAMO	14
803001	PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	EADY	20
810001	TEMPORARY WARNING SIGNS AND PLAQUES	EADY	40150
813001	TEMPORARY BARRICADES, TYPE III	LFDY	23360
817013	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	LF	2228
819018	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	EACH	24
830001	CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE	EACH	3
818001	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING	SF	112
819011	GALVANIZED TELESCOPING STEEL SIGN POSTS, 12' X 2", COMPLETE W/ BASEPOSTS AND HARDWARE	EACH	5
207001	PIPE, CULVERT, AND STRUCTURE BACKFILLING	CY	47
302002	DELAWARE NO. 3 STONE	TON	4

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Item Number	Description	Unit	Quantity
604002	COFFERDAMS	LS	1
605083	PROVIDE STEEL PIPE INDICATOR OR TEST PILES, 48"	LF	393
605091	PROVIDE PRECAST PRESTRESSED CONCRETE TEST PILES, 14" X 14"	LF	110
817012	RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, SYMBOL/LEGEND	SF	20
831513	PROVIDE AND INSTALL 2" SCHEDULE 80 PVC CONDUIT (TRENCH)	LF	150
832511	PROVIDE AND INSTALL CONDUCTOR #8 STRANDED COPPER, TYPE XHHW	LF	1200
831010	PROVIDE AND INSTALL UP TO 4" NONMETALLIC POLE RISER SHIELD	LF	25
833002	PROVIDE AND INSTALL GROUND ROD	EACH	3
834002	POLE BASE, TYPE 3ASpecial	EACH	2
834006	POLE BASE, TYPE 6	EACH	3
207021	STRUCTURAL BACKFILL, (BORROW TYPE C)	CY	2509
605183	INSTALL STEEL PIPE INDICATOR OR TEST PILES, 48"	LF	393
605191	INSTALL PRECAST PRESTRESSED CONCRETE TEST, 14" X 14"	LF	110
608049	STEEL SHEET PILES, NZ 42	SF	16201
302005	DELAWARE NO. 57 STONE	TON	324
708001	GEOTEXTILES, STABILIZATION	SY	1473
708003	GEOTEXTILES, RIPRAP	SY	281

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908017	TEMPORARY GRASS SEEDING	SY	146
842003	ELECTRIC SERVICE ON PEDESTAL	EACH	1
843001	ELECTRICAL TESTING	LS	1
850520	LUMINAIRE (LED), 150 WATTS, HPS EQUIVALENT	EACH	2
851001	ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 30' POLE	EACH	2
851502	ALUMINUM LIGHTING SINGLE DAVIT ARM, 8' ARM SPREAD	EACH	2
905001	SILT FENCE	LF	559
907017	COMPOST FILTER LOGS	LF	106
908004	TOPSOIL, 6" DEPTH	SY	345
908014	PERMANENT GRASS SEEDING, DRY GROUND	SY	146
908020	EROSION CONTROL BLANKET MULCH	SY	220
909004	TURBIDITY CURTAIN, FLOATING	LF	728
763537	INTEGRAL FENDER SYSTEM	LS	1
608030	SHEET PILE WALL TIE-BACK SYSTEM	LS	1
615503	BRIDGE MECHANICAL SYSTEM	LS	1
615504	BRIDGE ELECTRICAL SYSTEM	LS	1
763511	MAINTENANCE BUILDING	LS	1



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201000	CLEARING AND GRUBBING	LS	1
202000	EXCAVATION AND EMBANKMENT	CY	1066
207000	PIPE, CULVERT, AND STRUCTURAL EXCAVATION	CY	1548
209006	BORROW, TYPE F	CY	174
211000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
301001	GABC	CY	483
401005	SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)	TON	234
401014	SUPERPAVE TYPE B, PG 64-22	TON	346
605041	PROVIDE PRECAST PRESTRESSED CONCRETE PILES, 14"X14"	LF	700
605141	INSTALL PRECAST PRESTRESSED CONCRETE PILES, 14" X 14"	LF	700
605515	VIBRATION MONITORING	LS	1
707015	RIPRAP, R-4	TON	16
601033	REINFORCED CONCRETE PIPE, 18", CLASS IV	LF	140
601142	REINFORCED CONCRETE FLARED END SECTION, 18"	EACH	1
602030	MANHOLE, 48" X 30"	EACH	2
617515	HEADWALL	EACH	1
605032	PROVIDE STEEL PIPE PILES, 36"	LF	333



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605033	PROVIDE STEEL PIPE PILES, 48"	LF	187
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<del>909005</del>	<del>STREAM DIVERSION</del>		
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