

Oregon Department of Transportation - Standard Drawings Roadway - Engineering - State of Oregon											
Project Name: BOLD BEACH COMMUNITY CONNECTIONS PLAN - JERRY'S FLAT RD. TO SHIRLEY LANE					Client: ODOT						
Corridor Section: CURRY					Prime Consultant: Kittelson						
Description: ROW COSTS FOR MAJOR ROADWAY ELEMENTS					Consort Project No.: D242162OR.00						
Date: UPDATED 08/18/2026					Calculated By/Entered By: Keith Liese						
Checked By: Sam DeBell											
NO.	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL PRICE						
BASELINE ELEMENTS											
	MOBILIZATION	LS	1.0	\$1,400,000.00	\$1,400,000.00	10.0%		\$1,373,000.00			
	TEMPORARY WORK ZONE TRAFFIC CONTROL	LS	1.0	\$1,400,000.00	\$1,400,000.00	10.0%		\$1,373,000.00			
	EROSION CONTROL	LS	1.0	\$300,000.00	\$300,000.00	2.0%		\$274,600.00			
	CONSTRUCTION SURVEYING	LS	1.0	\$500,000.00	\$500,000.00	1.0%		\$411,900.00			
	ROADSIDE DEVELOPMENT	LS	1.0	\$300,000.00	\$300,000.00	2.0%		\$274,600.00			
				Subtotal	\$3,900,000.00						
MAJOR ROADWAY ELEMENTS											
	CONCRETE WALKS	SF	138,000	\$26.30	\$3,700,000.00						
	REPLACE CONCRETE CURB AND GUTTER	LF	19,575	\$161.40	\$3,200,000.00						
	FULL WIDTH 2" GRIND AND INLAY	SF	538,150	\$3.70	\$2,000,000.00						
	REPLACE EXISTING DRAINAGE SYSTEM	LS	1.0	\$1,500,000.00	\$1,500,000.00						
	SIGNING	LS	1.0	\$80,000.00	\$100,000.00						
	MAJOR SIGNAL IMPROVEMENTS	LS	1.0	\$500,000.00	\$500,000.00						
	STREET LIGHTING	LS	1.0	\$2,300,000.00	\$2,300,000.00						
	REMOVAL AND REPLACEMENT OF PAVEMENT MARKINGS	LS	1.0	\$430,000.00	\$430,000.00						
				Subtotal	\$13,730,000.00						
SUBTOTAL FOR CONSTRUCTION W/O CONTINGENCIES					\$17,630,000.00						
	DESIGN ENGINEERING	LS	1.0	\$3,200,000.00	\$3,200,000.00	18.0%		\$3,173,400.00			
	CONSTRUCTION ENGINEERING	LS	1.0	\$2,700,000.00	\$2,700,000.00	15.0%		\$2,644,500.00			
	UTILITY UNDERGROUNDING	LS	1.0	\$13,100,000.00	\$13,100,000.00						
	CONTINGENCY	LS	1.0	\$7,100,000.00	\$7,100,000.00	40.0%		\$7,052,000.00			
	ROW IMPACTS	LS	1.0	\$1,100,000.00	\$1,100,000.00						
				Subtotal	\$27,200,000.00						
PROJECT TOTAL					\$44,830,000.00						
NOTES											
(1) Scope does not include subsurface exploration. The project estimate assumes a small quantity of contaminated soil material would be disposed in an appropriate manner. The costs for material and installation of power conductors and communication cables, including connections to new meters, transformers, cross connect cabinets, etc. are included in the utility undergrounding cost. These costs are typically assumed to be fully covered by the utility provider. The costs for removing overhead utilities including conductors, cables, transformers, and utility poles are included in the project estimate. These costs are typically assumed to be fully covered by the utility provider.											
(2) Major roadway elements listed as lump-sum costs. Backup calculations available upon request.											
(3) Additional costs such as inflation and legal costs are to be considered.											
(4) Access management not included.											
(5) Enhanced Crosswalks Facilities not included.											
(6) Cost of retaining walls not included.											
(7) Major impacts to water quality not assumed, but may be needed depending on final design, minor water quality costs triggered by sidewalk inlets considered in percentage for roadway surface improvements.											

CENTRAL SEGMENT													
Oregon Department of Transportation / Standard Drawings / Roadway Engineering / State of Oregon													
Project Name: GOLD BEACH COMMUNITY CONNECTIONS PLAN - JERRY'S FLAT RD. TO SHIRLEY LANE Corridor Section: VARIOUS County: CURRY Description: ROW COSTS FOR MAJOR ROADWAY ELEMENTS Date: UPDATED 08/18/2026							Client: ODOT Prime Consultant: Kittelson Corridor Project No.: D242182OR.00 Calculated By/Critered By: Keith Lase Checked By: Sam DeBell			NORTH ZONE (JERRY'S FLAT TO MOORE)			
										SEGMENT 1-2			
										CENTRAL ZONE (MOORE TO 11TH)			
										SEGMENT 3-4.7 (70% of segment 4)			
										SOUTH ZONE (11TH TO END)			
										SEGMENT 4.7-5			
NO.	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL PRICE								
BASELINE ELEMENTS													
	MOBILIZATION	LS	1.0	\$900,000.00	\$900,000.00	10.0%		\$876,000.00					
	TEMPORARY WORK ZONE TRAFFIC CONTROL	LS	1.0	\$900,000.00	\$900,000.00	10.0%		\$876,000.00					
	EROSION CONTROL	LS	1.0	\$180,000.00	\$180,000.00	2.0%		\$175,200.00					
	CONSTRUCTION SURVEYING	LS	1.0	\$270,000.00	\$270,000.00	3.0%		\$262,800.00					
	ROADSIDE DEVELOPMENT	LS	1.0	\$180,000.00	\$180,000.00	2.0%		\$175,200.00					
				Subtotal	\$2,430,000.00								
MAJOR ROADWAY ELEMENTS													
	CONCRETE WALKS	SF	82,550	\$26.30	\$2,180,000.00								
	REPLACE CONCRETE CURB AND GUTTER	LF	12,100	\$161.40	\$1,960,000.00								
	FULL WIDTH 2" GRIND AND INLAY	SF	338,950	\$3.70	\$1,260,000.00								
	REPLACE EXISTING DRAINAGE SYSTEM	LS	1.0	\$1,200,000.00	\$1,200,000.00								
	SIGNING	LS	1.0	\$60,000.00	\$60,000.00								
	MAJOR SIGNAL IMPROVEMENTS	LS	1.0	\$500,000.00	\$500,000.00								
	STREET LIGHTING	LS	1.0	\$1,260,000.00	\$1,260,000.00								
	REMOVAL AND REPLACEMENT OF PAVEMENT MARKINGS	LS	1.0	\$340,000.00	\$340,000.00								
				Subtotal	\$8,760,000.00								
					\$11,190,000.00								
SUBTOTAL FOR CONSTRUCTION W/O CONTINGENCIES													
	DESIGN ENGINEERING	LS	1.0	\$2,100,000.00	\$2,100,000.00	18.0%		\$2,014,200.00					
	CONSTRUCTION ENGINEERING	LS	1.0	\$1,700,000.00	\$1,700,000.00	15.0%		\$1,678,500.00					
	CONTINGENCY	LS	1.0	\$4,500,000.00	\$4,500,000.00	40.0%		\$4,476,000.00					
	ROW IMPACTS	LS	1.0	\$700,000.00	\$700,000.00								
				Subtotal	\$9,000,000.00								
					\$20,190,000.00								
PROJECT TOTAL													
NOTES													
(1) Scope does not include subsurface exploration. The project estimate assumes a small quantity of contaminated soil material would be disposed in an appropriate manner. The costs for material and installation of power conductors and communication cables, including connections to new meters, transformers, cross connect cabinets, etc. are included in the utility undergrounding cost. These costs are typically assumed to be fully covered by the utility provider. The costs for removing overhead utilities including conductors, cables, transformers, and utility poles are included in the project estimate. These costs are typically assumed to be fully covered by the utility provider.													
(2) Major roadway elements listed as lump-sum costs. Backup calculations available upon request.													
(3) Additional costs such as inflation and legal costs are to be considered.													
(4) Access management not included.													
(5) Enhanced Curbwalk Facilities not included.													
(6) Cost of retaining walls not included.													
(7) Major impacts to water quality not assumed, but may be needed depending on final design, minor water quality costs triggered by sidewalk installation considered in percentage for roadway surface improvements.													

NOTE: TAB COPIED FROM MAY 2024 UTILITY UNDERGROUND COST ESTIMATE. DATA IS STATIC.

Yellow highlighted cells included in cost for ROM totals tab

Gold Beach Main Street				
US101: Moore Street to Hunter Creek Road				
Utility Undergrounding Feasibility Study: Moore Street to Kerber Drive				
Conceptual Level Cost Estimate with Alternative Conceptual Roadway Improvements (May 2024)				
GENERAL	Unit	Estimated Quantity	Unit Price \$/unit	Amount
Mobilization, Bonds, Insurance and Demobilization (10%)	LS	1	\$900,000	\$900,000
Traffic Control	LS	1	\$900,000	\$900,000
Erosion and Sediment Control	LS	1	\$100,000	\$100,000
Surveying	LS	1	\$300,000	\$300,000
Conduit Trench Excavation, Bedding & Backfill	LF	7,160	\$30.00	\$214,800
Full Depth Pavement (Trench Restoration)	SF	30,000	\$19.61	\$588,375
Temporary AC Surfacing - 2" Thick	SY	5,928	\$15.00	\$88,920
Excavation & Disposal of Contaminated Soil(s)	CY	100	\$150.00	\$15,000
Bollards	Ea	12	\$500.00	\$6,000
General Sub Total				\$3,383,842
Coos/Curry Electric Cooperative (CCEC)				
4" PVC Conduit Installation	LF	14,160	\$6.00	\$84,960
6" PVC Conduit Installation	LF	12,520	\$9.00	\$112,680
90 Degree 4" or 6" PVC Conduit Sweeps	Ea	150	\$180.00	\$27,000
Underground Utility Conversion (1 ph or 3 ph service; private side - includes misc. changes and work behind meter to restore service)	Ea	30	\$6,000.00	\$180,000
New Meter (Individual)	Ea	8	\$1,000.00	\$8,000
New Meter (Meter Group - up to 4)	Ea	1	\$4,000.00	\$4,000
Existing Meter Box Removal	Ea	9	\$1,000.00	\$9,000
Pad Mounted switch gear - Installed (excludes padmount)	Ea	3	\$25,000.00	\$75,000
Circuit Breaker (VFI)	Ea	3	\$12,000.00	\$36,000
Electrical Structures (padmounts and vaults)	Ea	30	\$9,000.00	\$270,000
Pad Mounted Transformers - Installed (includes padmount)(2)	Ea	20	\$41,000.00	\$820,000
Overhead Utility Removal (conductor, poles, transformers)(3)	LS	1	\$170,000.00	\$170,000
Conductor - 3 Phase (Materials & Installation)	LF	6,260	\$25.00	\$156,500
Conductor - Service Voltage Wire (Materials & Installation)	LF	7,080	\$8.00	\$56,640
Connections To New Meters	Ea	20	\$500.00	\$10,000
Connections To New Transformers	Ea	20	\$1,000.00	\$20,000
Connections To Pad Mounted Switchgear and VFIs	Ea	6	\$1,000.00	\$6,000
CCEC Sub Total				\$2,037,580
Ziply				
4" PVC Conduit Installation	LF	53,000	\$6.00	\$318,000
90 Degree 4" PVC Conduit Sweeps	Ea	52	\$150.00	\$7,800
Service Connections (Includes work to restore service to private property)	Ea	13	\$3,000.00	\$39,000
Manholes	Ea	15	\$25,000.00	\$375,000
Overhead Utility Removal (Existing Cable, Etc.)	LS	1	\$40,000.00	\$40,000
Cable (Materials & Installation)	LF	53,000	\$1.50	\$79,500
Cable Connection To Cross Connect Cabinets	Ea	20	\$600.00	\$12,000
Ziply Sub Total				\$866,300
Spectrum				
2" PVC Conduit Installation	LF	900	\$4.00	\$3,600
4" PVC Conduit Installation	LF	6,180	\$6.00	\$37,080
90 Degree 2" or 4" PVC Conduit Sweeps	Ea	30	\$3,000.00	\$90,000
Service Connections (Includes work to restore service to private property)	Ea	30	\$3,000.00	\$90,000
Manholes (pull boxes) (Furnish & Install)	Ea	30	\$4,000.00	\$120,000
Overhead Utility Removal (Existing Cable, Etc.)	LS	1	\$40,000.00	\$40,000
Cable (Materials & Installation)	LF	7,080	\$1.50	\$10,620
Spectrum Sub Total				\$304,300
LS Networks (LSN)				
2" PVC Conduit Installation	LF	900	\$4.00	\$3,600
4" PVC Conduit Installation	LF	6,180	\$6.00	\$37,080
90 Degree 2" or 4" PVC Conduit Sweeps	Ea	30	\$3,000.00	\$90,000
Service Connections (Includes work to restore service to private property)	Ea	10	\$3,000.00	\$30,000
Manholes (pull boxes) (Furnish & Install)	Ea	12	\$4,000.00	\$48,000
Overhead Utility Removal (Existing Cable, Etc.)	LS	1	\$40,000.00	\$40,000
Cable (Materials & Installation)	LF	7,080	\$1.50	\$10,620
LSN Sub Total				\$187,300
Beacon Broadband				
2" PVC Conduit Installation	LF	7,080	\$4.00	\$28,320
90 Degree 2" PVC Conduit Sweeps	Ea	15	\$100.00	\$1,500
Service Connections (Includes work to restore service to private property)	Ea	5	\$4,000.00	\$20,000
Manholes (pull boxes) (Furnish & Install)	Ea	17	\$4,000.00	\$68,000
Overhead Utility Removal (Existing Cable, Etc.)	LS	0	\$0.00	\$0
Cable (Materials & Installation)	LF	7,080	\$1.50	\$10,620
Beacon Sub Total				\$116,640
Street Lighting and Spare Signal/Fiber Conduit				
Street Lighting (includes poles/fixtures/foundations/cabinets/conduit/wiring/ boxes)	Ea	120	\$14,000.00	\$1,680,000
Spare 2" PVC Conduit Installation for Communications	LF	6,380	\$4.00	\$25,520
Miscellaneous Sub Total				\$1,705,520
Drainage				
Drainage Inlet Removal	Ea		\$1,500.00	\$0
Drainage Inlets	Ea		\$4,000.00	\$0
Drainage Pipe	LF		\$160.00	\$0
Drainage Manholes	Ea		\$6,500.00	\$0
Adjust Manholes	Ea		\$2,000.00	\$0
Drainage Sub Total				\$0
Restoration				
Removal of Surfacings for Driveways, Curb Ramps and Sidewalk	SY		\$85.00	\$0
Cold Plane Pavement Removal, 2 inches deep	SY		\$4.00	\$0
Aggregate Base	TON		\$50.00	\$0
Asphalt Concrete Pavement	TON		\$100.00	\$0
Curb and Gutter	LF		\$75.00	\$0
Driveways	SF		\$20.00	\$0
Sidewalks	SF		\$15.00	\$0
Extra for Curb Ramps	Ea		\$1,500.00	\$0
Pavement Markings and Signage	LS		\$255,443.00	\$0
Restoration Sub Total				\$0
Subtotal For Construction w/o Construction Engineering or Contingencies				\$6,670,362
Construction Engineering				
Construction Engineering	LS	1	15%	\$1,000,000
Construction Engineering Sub Total				\$1,000,000
Subtotal for Construction				\$6,671,000
Subtotal for Construction w/o Contingencies				
Contingencies			40%	\$2,670,000
Subtotal for Construction				\$10,341,000
Right of Way				
Easement / Right-of-way Purchase including appraisal and appraisal review	Ea	20	\$12,000.00	\$240,000
Easement Purchase Sub Total				\$240,000
Design and Admin				
Design Engineering & Bidding Support	LS	1	18%	\$1,861,380
CCEC Liaison	LS	1	\$150,000.00	\$150,000
City Administration	LS	1	\$450,000.00	\$450,000
Design and Admin Sub Total				\$2,461,380
SUMMARY				
Project Total:				\$13,042,380

Notes:

- (1) The feasibility study scope did not include subsurface exploration. The project estimate assumes a small quantity of contaminated soil material would be disposed in an appropriate manner.
- (2) The costs for material and installation of power conductors and communication cables, including connections to new meters, transformers, cross connect cabinets, etc. are included in the project estimate. These costs are typically assumed to be fully covered by the utility provider.
- (3) The costs for removing overhead utilities including conductors, cables, transformers, and utility poles are included in the project estimate. These costs are typically assumed to be fully covered by the utility provider.
- (4) Additional costs such as inflation and legal costs are to be considered.

CONSOR's construction cost estimate ("Estimate") is in dollars valued as of the date of this estimate. This estimate is an opinion of probable cost based on information available at the time of its development. Final costs will depend on:

- actual field conditions.
- actual material and labor costs.
- market conditions for construction.
- regulatory factors.
- final project scope.
- method of implementation.
- schedule (time to completion? time of commencement? Speed of execution?), and
- other variables.

This estimate is based on our perception, which is based on experience and research, yet nevertheless, an assessment, of current conditions at the project location. This estimate reflects our professional opinion of current costs and is subject to change as the project design evolves. CONSOR has no control over, nor can it forecast variances in the cost of labor, materials, equipment, nor services provided by others; the means, and methods of executing the work, or of determining prices, of the impact of competitive bidding or market conditions, practices, or bidding strategies. CONSOR neither warrants nor guarantees that proposals, bids, or actual construction costs will reflect the costs presented, which are for illustrative purposes only.



Unit Prices:

- 250 aluminum wire = \$5.00/ft
- copper wire = \$9.00/ft
- standard 200amp meter base = \$60/each
- double meter base = \$800/each (assumed)
- triple meter base = \$1000/each (assumed)
- 8 gang meter base = \$1500/each (assumed)
- 400amp CT system = \$1100/each
- Electrician = \$80/hr (per E2)