

**EAST ALIGNMENT ALTERNATIVE**

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 442,000	\$ 442,000
2	TEMPORARY FEATURES AND APPURTENANCES (TRAFFIC CONTROL, DRAINAGE, ETC.)	1	LS	\$ 238,000	\$ 238,000
3	ROADWAY (SURVEY, CLEARING, EARTHWORK, BASES, SURFACINGS, ETC.)	1	LS	\$ 1,321,000	\$ 1,321,000
4	STRUCTURES (CULVERT AND WALLS)	1	LS	\$ 1,517,000	\$ 1,517,000
5	STORMWATER DRAINAGE AND MANAGEMENT	1	LS	\$ 591,000	\$ 591,000

PRELIMINARY COST SUMMARY	TOTAL
Preliminary Engineering	\$ 1,300,000
Construction Subtotal	\$ 4,109,000
40% Construction Contingency	\$ 1,643,600
15% Construction Administration	\$ 863,000
ROW Acquisition	\$ 2,660,000
Wetland Mitigation	\$ 5,000
<b>Total</b>	<b>\$ 10,581,000</b>

**Note: Costs, quantities and assumptions are based on conceptual designs and are subject to change.**

**BID ITEM LIST - NW SALTZMAN RD - LAIDLAW ROAD TO BAYONNE LANE  
 EAST ALIGNMENT ALTERNATIVE**

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
<i>TEMPORARY FEATURES AND APPURTENANCES</i>					
0210-0100000A	MOBILIZATION	1	LS	\$ 441,453	\$ 441,453
0225-0101000A	TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE	1	LS	\$ 105,000	\$ 105,000
0240-0100000A	TEMPORARY DRAINAGE FACILITIES	0	LS	\$ 5,000	\$ -
0280-0100000A	EROSION CONTROL	1	LS	\$ 102,000	\$ 102,000
0290-0100000A	POLLUTION CONTROL PLAN	1	LS	\$ 2,500	\$ 2,500
<i>ROADWORK</i>					
0305-0100000A	CONSTRUCTION SURVEY WORK	1	LS	\$ 60,000	\$ 60,000
0310-0106000A	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LS	\$ -	\$ -
0320-0100000A	CLEARING AND GRUBBING	1	LS	\$ 13,365	\$ 13,365
0330-0105000K	GENERAL EXCAVATION	13,330	CUYD	\$ 22	\$ 293,260
0331-0112000J	24 INCH SUBGRADE STABILIZATION	1049	SQYD	\$ 50	\$ 52,453
0350-0100000J	DRAINAGE GEOTEXTILE, TYPE IMPERMEABLE LINER	1,020	SQYD	\$ 12	\$ 12,240
0350-0101000J	DRAINAGE GEOTEXTILE, TYPE 1	1,050	SQYD	\$ 3	\$ 3,150
0350-0101000J	DRAINAGE GEOTEXTILE, TYPE 2	0	SQYD	\$ 2	\$ -
0350-0105000J	SUBGRADE GEOTEXTILE	10,500	SQYD	\$ 2	\$ 21,000
0370-0101000A	OBLITERATING SURFACINGS	0	LS	\$ 1,000	\$ -
<i>DRAINAGE AND SEWERS</i>					
0416-9Z90000A	CHECK DAMS	1	LS	\$ 23,300	\$ 23,300
0430-0100060F	6 INCH DRAIN PIPE	3,060	FOOT	\$ 15	\$ 45,900
0445-035010BF	10 INCH STORM SEWER PIPE, 10 FT DEPTH	400	FOOT	\$ 75	\$ 30,000
0445-035012BF	12 INCH STORM SEWER PIPE, 10 FT DEPTH	1,530	FOOT	\$ 80	\$ 122,392
0445-035015BF	15 INCH STORM SEWER PIPE, 10 FT DEPTH	0	FOOT	\$ 125	\$ -
0445-035018BF	18 INCH STORM SEWER PIPE, 10 FT DEPTH	153	FOOT	\$ 225	\$ 34,423
0445-0450000G	1 INCH IRRIGATION PIPE, 5 DEPTH	0	FOOT	\$ 8	\$ -
0445-0450000H	2 INCH IRRIGATION PIPE, 5 DEPTH	0	FOOT	\$ 10	\$ -
0445-9Z90000A	SLOPED END SECTIONS	2	EACH	\$ 200	\$ 400
0470-0105000E	CONCRETE MANHOLES, SHALLOW	10	EACH	\$ 2,750	\$ 27,500

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0470-0101000E	CONCRETE STORM SEWER MANHOLES	10	EACH	\$ 3,500	\$ 35,000
0470-9Z9000AA	CONCRETE MANHOLES, FLOW SPLITTER	1	EACH	\$ 4,500	\$ 4,500
0470-9Z90000A	CONCRETE INLETS, TYPE CURB CUT	61	EACH	\$ 350	\$ 21,419
0470-9Z90000A	METAL INLETS, BEEHIVE	10	EACH	\$ 1,600	\$ 16,000
0470-0311000E	CONCRETE INLETS, TYPE D	2	EACH	\$ 1,600	\$ 3,200
0470-0313000E	CONCRETE INLETS, TYPE G-1	10	EACH	\$ 2,000	\$ 20,000
0490-0100000E	ADJUSTING BOXES	20	EACH	\$ 375	\$ 7,500
0490-0102000E	ADJUSTING CATCH BASINS	8	EACH	\$ 1,000	\$ 8,000
0490-0104000E	CONNECTION TO EXISTING STRUCTURES	1	EACH	\$ 1,500	\$ 1,500
0490-0120000E	MINOR ADJUSTMENT OF MANHOLES	10	EACH	\$ 1,000	\$ 10,000
<i>BRIDGES</i>					
0510-0101000K	STRUCTURE EXCAVATION	0	CUYD	\$ 40	\$ -
0510-0108000K	GRANULAR STRUCTURE BACKFILL	0	CUYD	\$ 47	\$ -
0583-0111000F	6 INCH ELECTRICAL CONDUIT	0	FOOT	\$ 18	\$ -
0596-0109000A	RETAINING WALL, PREFABRICATED MODULAR GRAVITY	1	LS	\$ 1,149,837	\$ 1,149,837
0595-0100300F	DRAINAGE GEOTEXTILE, TYPE 1	90	FOOT	\$ 3,800	\$ 342,000
0595-0102000A	WINGWALLS AND APRONS	1	LS	\$ 25,000	\$ 25,000
<i>BASES</i>					
0620-0122000J	COLD PLANE PAVEMENT REMOVAL, 3 INCHES DEEP	0	SQYD	\$ 5	\$ -
0641-0112000M	3/4 INCH - 0 AGGREGATE BASE	10,180	TON	\$ 26	\$ 264,680
0641-9Z90000A	1-1/2 INCH TO 3/4 INCH OPEN-GRADED AGGREGATE	830	TON	\$ 33	\$ 27,390
0641-9Z90000A	3/4 INCH TO NO. 4 OPEN-GRADED AGGREGATE	210	TON	\$ 47	\$ 9,870
<i>WEARING SURFACES</i>					
0744-0302000M	LEVEL 3, 1/2 INCH ACP MIXTURE	4,140	TON	\$ 75	\$ 310,500
0748-0105000J	10 INCH ASPHALT CONCRETE PAVEMENT REPAIR	0	SQYD	\$ 50	\$ -
0749-0100000E	EXTRA FOR ASPHALT APPROACHES	0	EACH	\$ 650	\$ -
0759-0103000F	CONCRETE CURBS, CURB AND GUTTER	3,060	FOOT	\$ 40	\$ 122,392
0759-0106000F	CONCRETE CURBS, LOW PROFILE MOUNTABLE CURB	0	FOOT	\$ 18	\$ -

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
0759-0105000F	CONCRETE CURBS, CURB AND GUTTER, MODIFIED	0	FOOT	\$ 50	\$ -
0759-0128000J	CONCRETE WALKS	18260	SQFT	\$ 10	\$ 182,600
0759-0162000F	METAL HANDRAIL, 3 RAILS	0	FOOT	\$ -	\$ -
0759-0134000F	MONOLITHIC CURB AND SIDEWALKS	0.01	FOOT	\$ -	\$ -
0759-0154000E	EXTRA FOR NEW SIDEWALK RAMPS	0	EACH	\$ 2,000	\$ -
<i>PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES</i>					
0865-0116610F	THERMOPLASTIC, EXTRUDED, SURFACE, NON-PROFILED	16,230	FOOT	\$ 3.00	\$ 48,690
0867-0131000E	PAVEMENT LEGEND, TYPE B-HS: BICYCLE LANE STENCIL	6	EACH	\$ 300	\$ 1,800
0867-0145100J	PAVEMENT BAR, TYPE B-HS	40	SQFT	\$ 9	\$ 360
<i>PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS</i>					
0905-0100000A	REMOVE EXISTING SIGNS	0	LS	\$ 3,000	\$ -
0905-0101000A	REMOVE AND REINSTALL EXISTING SIGNS	0	LS	\$ 5,000	\$ -
0930-0117000A	PERFORATED STEEL SQUARE TUBE ANCHOR SIGN SUPPORTS	0	LS	\$ 4,000	\$ -
0940-0113000J	TYPE "G" SIGNS IN PLACE	0	SQFT	\$ 22	\$ -
0940-0121000J	TYPE "R" SIGNS IN PLACE	0	SQFT	\$ 15	\$ -
0940-0124000J	TYPE "W1" SIGNS IN PLACE	0	SQFT	\$ 16	\$ -
0940-0134000J	TYPE "Y1" SIGNS IN PLACE	0	SQFT	\$ 15	\$ -
0940-0141000J	TYPE "YG" SIGNS IN PLACE	0	SQFT	\$ 15	\$ -
0970-0100000A	POLE FOUNDATIONS	0	LS	\$ 8,500	\$ -
0970-0101000A	LIGHTING POLES, FIXED BASE	0	LS	\$ 16,000	\$ -
0970-0103000A	LIGHTING POLE ARMS	0	LS	\$ 4,000	\$ -
0970-0104000A	LUMINAIRES, LAMPS, AND BALLASTS	0	LS	\$ 8,000	\$ -
0970-0105000A	SWITCHING, CONDUIT, AND WIRING	0	LS	\$ 25,000	\$ -
<i>RIGHT OF WAY DEVELOPMENT AND CONTROL</i>					
1030-0124000R	PLANT SEEDING, MIX NO. 1	1.4	ACRE	\$ 9,000	\$ 12,644
1030-0118000R	WATER QUALITY SEEDING	0.3	ACRE	\$ 9,000	\$ 2,340
1040-0101000K	TOPSOIL	890	CUYD	\$ 87	\$ 77,430
1040-0114000E	CONIFER TREES, 6 FT HEIGHT	0	EACH	\$ 600	\$ -

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1040-0130000E	DECIDUOUS TREES, 2 INCH CALIPER	0	EACH	\$ 600	\$ -
1040-0156000E	SHRUBS, #5 CONTAINER	0	EACH	\$ 45	\$ -
1040-0153000E	SHRUBS, #1 CONTAINER	0	EACH	\$ 15	\$ -
1040-0190000K	BARK MULCH	0	CUYD	\$ 225	\$ -
1040-0206000F	ROOT BARRIER	0	FOOT	\$ 12	\$ -
1050-0240000F	REMOVING AND REBUILDING FENCE	0	FOOT	\$ 40	\$ -
1070-0103000E	REMOVE AND REINSTALL MAILBOX SUPPORTS	0	EACH	\$ 500	\$ -

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
<i>WATER SUPPLY SYSTEMS</i>					
1140-0145000G	10 INCH POTABLE WATER PIPE, FITTINGS & COUPLINGS WITH RESTRAI	0	FOOT	\$ 140	\$ -
1140-0300000F	10 INCH CONNECTION TO X INCH EXISTING MAIN	0	EACH	\$ 2,250	\$ -
1150-0100000F	10 INCH GATE VALVE	0	EACH	\$ 2,500	\$ -
1160-0101000E	RESETTING EXISTING HYDRANTS	0	EACH	\$ 1,500	\$ -
1170-0104000E	RECONNECTING EXISTING WATER SERVICES, 3/4 INCH	0	EACH	\$ 2,250	\$ -

*TOTALS*

Construction Subtotal	\$ 4,094,987
40% Contingency	\$ 1,637,995
<b>Total (Rounded)</b>	<b>\$ 5,733,000</b>

**Note: Costs, quantities and assumptions are based on conceptual designs and are subject to change.**

**Assumptions:**

1. The above estimates are for direct construction costs only. They exclude right-of-way acquisition, design and construction administration costs, special inspections, and permitting.