

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS (100%)					WESTON SOLUTIONS, INC.	
BIKE & PEDESTRIAN ROUTE DESIGN - NM 124, CASA BLANCA RD TO ENCINAL RD					11/28/2014	
LAGUNA, NEW MEXICO						
BID ITEM	SPEC. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	201000	SITE CLEAR & GRUB	AC	4.9	\$ 2,500.00	\$ 12,250.00
2	203000	UNCLASSIFIED EXCAVATION, INCL. PLACEMENT AND COMPACTION TO NEW GRADES, CIP	CY	1490.0	\$ 8.00	\$ 11,920.00
3	203100	BORROW, INCLUDING HAUL, PLACEMENT, AND COMPACTION, CIP	CY	4600.0	\$ 11.90	\$ 54,740.00
4	206100	SELECT BACKFILL/ENGINEERED FILL	CY	30.0	\$ 40.00	\$ 1,200.00
5	207000	TRAIL, SHOULDER, & DRIVEPAD SUBGRADE PREPARATION	SY	15100.0	\$ 1.25	\$ 18,875.00
6	304140	COMPACTED TRAIL BASE COURSE, 4" DEPTH	SY	10500.0	\$ 6.00	\$ 63,000.00
7	304160	COMPACTED BASE COURSE FOR TRAIL SHOULDERS, DRIVE PADS, 6" DEPTH	SY	4540.0	\$ 7.80	\$ 35,412.00
8	423002	HOT MIX ASPHALT, TYPE SP-IV, 2" THICK, CIP	SY	11400.0	\$ 7.47	\$ 85,158.00
9	507100	MODULAR CMU RETAINING WALL, CIP, INCLUDING CRUSHED GRAVEL FOOTING AND BACKFILL (WALL FACE AREA)	SF	940.0	\$ 25.00	\$ 23,500.00
10	511030	STRUCTURAL CONCRETE BRIDGE ABUTMENT & WING WALLS, CLASS AA, WITH CLASS 1 FINISH, CIP	CY	17.0	\$ 708.00	\$ 12,036.00
11	511300	SUBSTRUCTURE CONCRETE FOOTING, CLASS A, INCLUDING SUBGRADE PREP AND BACKFILL, CIP	CY	10.0	\$ 468.19	\$ 4,681.92
12	541101	PRE-ENGINEERED BRIDGE, 10' X 75', CIP, INCLUDING CONC. DECK	EA	1	\$ 80,000.00	\$ 80,000.00
13	570024	24" CMP CULVERT PIPE, INSTALLED, INCLUDING COUPLING(S) AS NEEDED	LF	76.0	\$ 65.00	\$ 4,940.00
14	570025	24" CULVERT PIPE END SECTION, INSTALLED	EA	4.0	\$ 390.00	\$ 1,560.00
15	570036	36" CMP CULVERT PIPE, INSTALLED, INCLUDING COUPLING(S) AS NEEDED	LF	34.0	\$ 100.00	\$ 3,400.00
16	570037	36" CULVERT PIPE END SECTION, INSTALLED	EA	2.0	\$ 659.56	\$ 1,319.11
17	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$ 25,000.00	\$ 25,000.00
18	602010	CLASS B RIPRAP, CIP	TON	360.0	\$ 75.00	\$ 27,000.00
19	603270	SWPPP MANAGEMENT	ALLOW	1	\$ 4,000.00	\$ 4,000.00
20	603280	SWPPP IMPLEMENTATION	LS	1	\$ 11,600.00	\$ 11,600.00
21	607079	3-BAR PEDESTRIAN/BICYCLE RAILING, UNPAINTED	LF	435.0	\$ 86.56	\$ 37,653.60
22	607228	REMOVE AND REINSTALL EXISTING WIRE FENCE	LF	850.0	\$ 7.50	\$ 6,375.00
23	607312	STANDARD TUBULAR GATE, 12', SELF-CLOSING WITH 2-WAY LATCH, CIP	EA	1	\$ 1,000.00	\$ 1,000.00
24	618000	TRAFFIC CONTROL	LS	1	\$ 8,000.00	\$ 8,000.00
25	621000	CONSTRUCTION MOBILIZATION/DEMOBILIZATION	LS	1	\$ 50,000.00	\$ 50,000.00
26	627000	PROTECTION OF PROJECT FROM WATER	LS	1	\$ 11,000.00	\$ 11,000.00
27	632000	NATIVE SEEDING	AC	1.2	\$ 3,700.00	\$ 4,440.00
28	660009	UTILITY RELOCATION ALLOWANCE	ALLOW	1	\$ 13,000.00	\$ 13,000.00
29	701000	ALUMINUM PANEL SIGN	SF	140.0	\$ 14.98	\$ 2,097.20
30	701030	REMOVE AND RESET PANEL SIGN	EA	11	\$ 121.49	\$ 1,336.39
31	701100	STEEL SIGN POST AND BASE POST, CIP	LF	280.0	\$ 9.37	\$ 2,623.60
32	701101	RECYCLED PLASTIC MILE MARKER POST, CIP	EA	8.0	\$ 300.00	\$ 2,400.00
33	704000	REFLECTORIZED PAINTED STRIPE, 4"	LF	17800.0	\$ 0.15	\$ 2,670.00
34	704224	REFLECTIVE PLASTIC PAVEMENT STRIPE, 24" WIDE	LF	100	\$ 5.50	\$ 550.00
35	801000	CONSTRUCTION STAKING BY CONTRACTOR	LS	1	\$ 14,000.00	\$ 14,000.00
36	802000	POST-CONSTRUCTION PLANS (RECORD DRAWINGS)	LS	1	\$ 5,500.00	\$ 5,500.00
37	901000	QC/QA TESTING ALLOWANCE	ALLOW	1	\$ 11,000.00	\$ 11,000.00
BASE BID SUBTOTAL						\$ 655,237.82
ESCALATION 2013 TO 2016 (ASSUME 2.5%/YR)=7.69%				7.69%	\$	50,387.79
SUBTOTAL					\$	705,625.61
NMGR				6.5625%	\$	49,393.79
TOTAL INCLUDING ESCALATION AND NMGR						\$ 755,019.40

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS (100%)						WESTON SOLUTIONS, INC.	
BIKE & PEDESTRIAN ROUTE DESIGN- ADDITIVE ALTERNATIVE: CROSSWALK AND SIGNAGE AT CASA BLANCA RD						11/28/2014	
LAGUNA, NEW MEXICO							
BID ITEM	SPEC. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST	
1	618000	ADDITIONAL TRAFFIC CONTROL	LS	1	\$ 500.00	\$ 500.00	
2	701000	ALUMINUM PANEL SIGN	SF	14	\$ 14.98	\$ 209.72	
3	701030	REMOVE AND RESET PANEL SIGN	EA	1	\$ 150.00	\$ 150.00	
4	704224	REFLECTIVE PLASTIC PAVEMENT STRIPE, 24" WIDE	LF	100	\$ 5.50	\$ 550.00	
5	715001	SOLAR POWERED CROSSING BEACON SYSTEM	EA	2	\$ 8,500.00	\$ 17,000.00	
6	716701	SOLAR POWERED LED ROADWAY LUMINAIRE WITH 25' POL	EA	2	\$ 6,000.00	\$ 12,000.00	
7	XXXXXX	SHORT TRAIL CONNECTION BETWEEN EAST AND SOUTH CR	LS	1	\$ 3,000.00	\$ 3,000.00	
CROSSWALK AND SIGNAGE AT CASA BLANCA RD SUBTOTAL						\$ 33,409.72	
ESCALATION 2013 TO 2016 (ASSUME 2.5%/YR)=7.69%				7.69%	\$	2,569.21	
SUBTOTAL					\$	35,978.93	
NMGR				6.5625%	\$	2,361.12	
TOTAL INCLUDING ESCALATION AND NMGR						\$ 38,340.04	

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS (100%)						WESTON SOLUTIONS, INC.	
BIKE & PEDESTRIAN ROUTE DESIGN- ADDITIVE ALTERNATIVE: ENCINAL SPUR CONNECTION						11/28/2014	
LAGUNA, NEW MEXICO							
BID ITEM	SPEC. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST	
1	201000	SITE CLEAR & GRUB	AC	0.2	\$ 2,500.00	\$ 500.00	
2	203000	UNCLASSIFIED EXCAVATION, INCL. PLACEMENT AND COMPACTION TO NEW GRADES, CIP	CY	5.0	\$ 25.00	\$ 125.00	
3	203100	BORROW, INCLUDING HAUL, PLACEMENT, AND COMPACTION, CIP	CY	240	\$ 20.00	\$ 4,800.00	
4	207000	TRAIL, SHOULDER, & DRIVEPAD SUBGRADE PREPARATION	SY	790	\$ 1.25	\$ 987.50	
5	304140	COMPACTED TRAIL BASE COURSE, 4" DEPTH	SY	360	\$ 6.00	\$ 2,160.00	
6	304160	COMPACTED BASE COURSE FOR TRAIL SHOULDERS, 6" DEPTH	SY	215	\$ 7.80	\$ 1,677.00	
7	423002	HOT MIX ASPHALT, TYPE SP-IV, 2" THICK, CIP	SY	360	\$ 11.21	\$ 4,033.80	
8	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$ 500.00	\$ 500.00	
9	603270	ADDITIONAL SWPPP MANAGEMENT	ALLOW	1	\$ 250.00	\$ 250.00	
10	603280	ADDITIONAL SWPPP IMPLEMENTATION	LS	1	\$ 900.00	\$ 900.00	
11	607228	REMOVE AND REINSTALL EXISTING WIRE FENCE	LF	15	\$ 7.50	\$ 112.50	
12	607314	CATTLE GATE, 14'	EA	1	\$ 1,200.00	\$ 1,200.00	
13	618000	ADDITIONAL TRAFFIC CONTROL	LS	1	\$ 250.00	\$ 250.00	
14	632000	NATIVE SEEDING	AC	0.1	\$ 3,700.00	\$ 370.00	
15	660009	ADDITIONAL UTILITY RELOCATION ALLOWANCE	ALLOW	1	\$ 500.00	\$ 500.00	
16	701000	ALUMINUM PANEL SIGN	SF	6	\$ 15.00	\$ 90.00	
17	701100	STEEL SIGN POST AND BASE POST, CIP	LF	20	\$ 10.00	\$ 200.00	
18	704000	REFLECTIVE PAINTED PAVEMENT STRIPE, 4" WIDE	LF	644	\$ 0.15	\$ 96.60	
19	801000	CONSTRUCTION STAKING BY CONTRACTOR	LS	1	\$ 1,000.00	\$ 1,000.00	
20	802000	POST-CONSTRUCTION PLANS (RECORD DRAWINGS)	LS	1	\$ 500.00	\$ 500.00	
21	901000	QC/QA TESTING ALLOWANCE	ALLOW	1	\$ 1,000.00	\$ 1,000.00	
ENCINAL SPUR CONNECTION SUBTOTAL						\$ 21,252.40	
ESCALATION 2013 TO 2016 (ASSUME 2.5%/YR)=7.69%				7.69%	\$	1,634.31	
SUBTOTAL					\$	22,886.71	
NMGR				6.5625%	\$	1,501.94	
TOTAL INCLUDING ESCALATION AND NMGR						\$ 24,388.65	

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS (100%)					WESTON SOLUTIONS, INC.	
BIKE & PEDESTRIAN ROUTE DESIGN- ADDITIVE ALTERNATIVE: NM 124 CROSSING					11/28/2014	
LAGUNA, NEW MEXICO						
BID ITEM	SPEC. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	701000	ALUMINUM PANEL SIGN	SF	14	\$ 14.98	\$ 209.72
2	704224	REFLECTIVE PLASTIC PAVEMENT STRIPE, 24" WIDE	LF	50	\$ 5.50	\$ 275.00
3	715001	SOLAR POWERED CROSSING BEACON SYSTEM	EA	2	\$ 8,500.00	\$ 17,000.00
4	716701	SOLAR POWERED LED ROADWAY LUMINAIRE WITH 25' POLE	EA	2	\$ 6,000.00	\$ 12,000.00
NM 124 CROSSING SUBTOTAL						\$ 29,484.72
ESCALATION 2013 TO 2016 (ASSUME 2.5%/YR)=7.69%				7.69%		\$ 2,267.37
SUBTOTAL						\$ 31,752.09
NMGRT				6.5625%		\$ 2,083.73
TOTAL INCLUDING ESCALATION AND NMGRT						\$ 33,835.83
GRAND TOTAL INCLUDING ADDITIVE ALTERNATIVES						\$ 851,583.92