



UNITED INDEPENDENT SCHOOL DISTRICT INFORMATIONAL ITEM

TOPIC: Report on Feasibility Study of Track & Field Facilities at Alexander High School

SUBMITTED BY: Enrique Rangel, P.E., Assistant Superintendent **OF:** Facilities Dept.

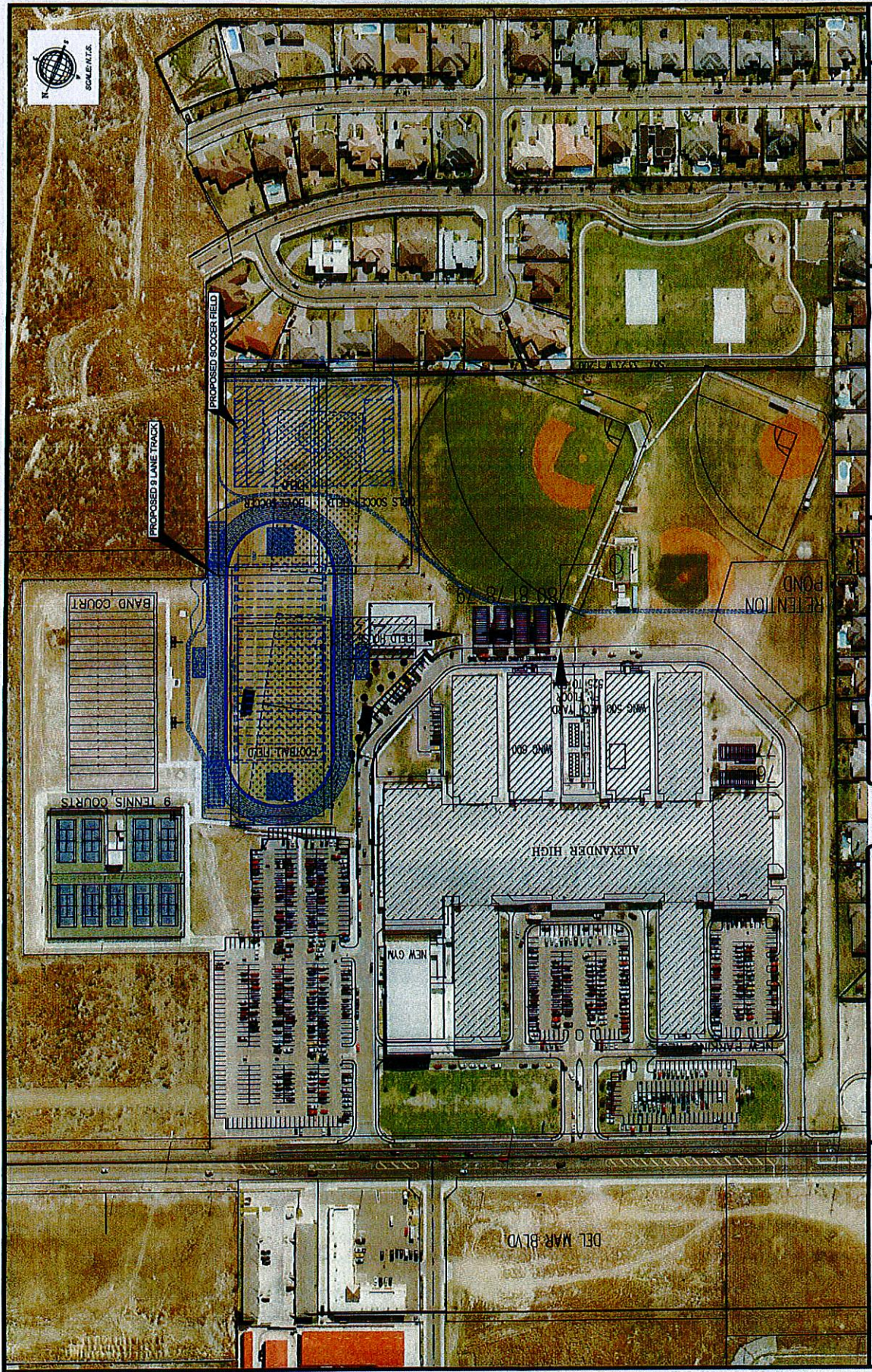
APPROVED FOR TRANSMITTAL TO SCHOOL BOARD: _____

DATE ASSIGNED FOR BOARD CONSIDERATION: Feb. 16, 2011

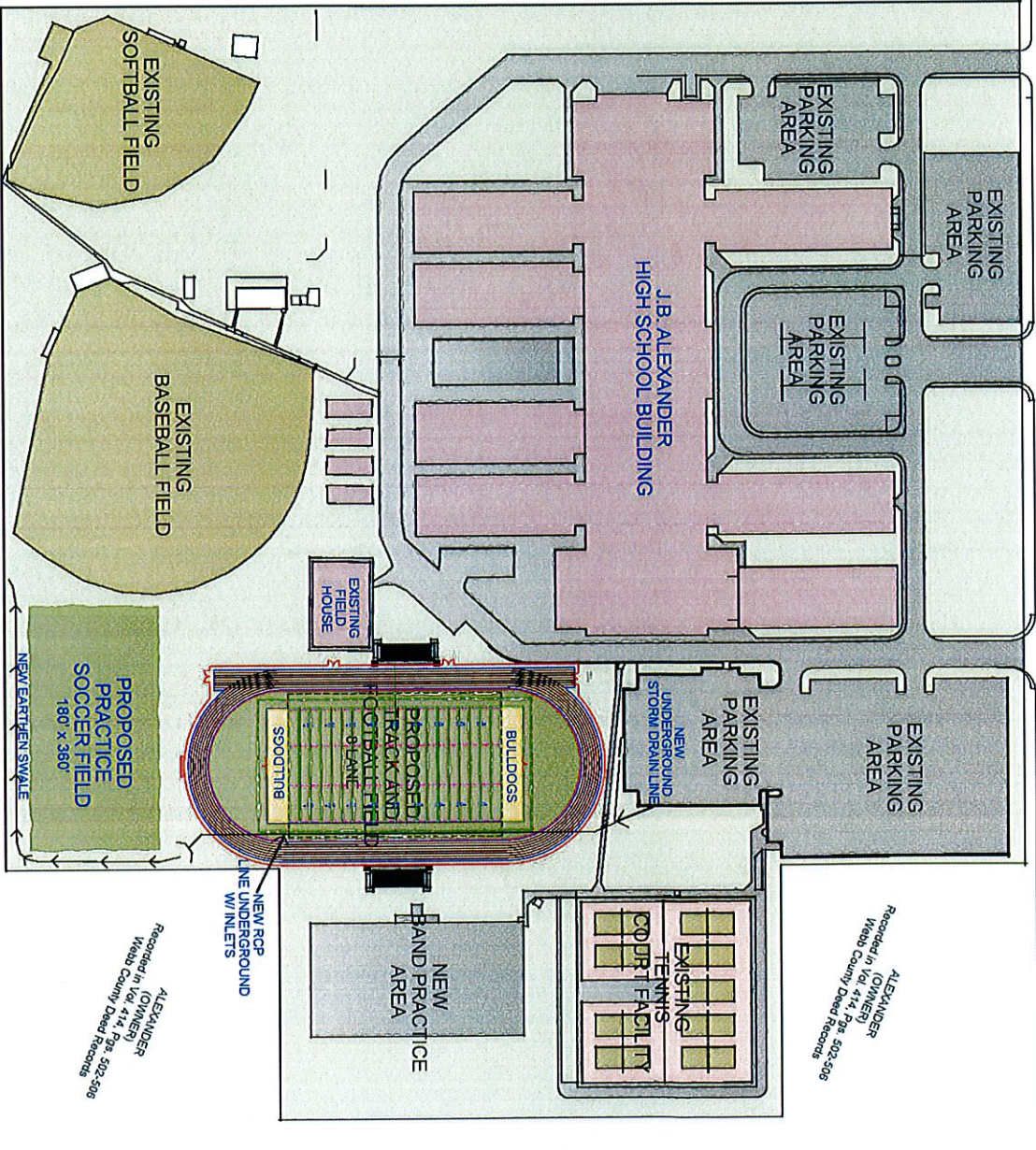
RECOMMENDATIONS:

Cost Estimate for Construction of a Track & Field and Soccer Field at Alexander High: \$1,155,000.

See attached exhibits of preliminary cost estimate and site plans prepared by Crane Engineering Co.



No.	Date	Revisions	 CRANE ENGINEERING CORP. 138 JUNCTION DRIVE LAREDO, TEXAS 79401 PUMP REGISTRATION NO. F438	 United Independent School District	Alexander High School Original Station & Proposed Improvements	1 of
Date:	4/7/10	Scale:				N.T.S.



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N.T.S.

J.B. ALEXANDER HIGH SCHOOL - SPORTS MASTER PLAN

ALEXANDER
Recorded in Vol. 414, Page 502-506
Webb County Deed Records

ALEXANDER
(OWNER)
Recorded in Vol. 414, Page 502-506
Webb County Deed Records

REVISIONS



SEPULVEDA
ASSOCIATES
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J.B. ALEXANDER
HIGH SCHOOL
SPORTS MASTER PLAN
UNITED INDEPENDENT SCHOOL DISTRICT

DATE	SCALE
02/20/20	AS SHOWN
CHECKED BY: RJS	
DRAWN BY: RJP	
JOB NO. 2009	
SHEET A1	

**UNITED INDEPENDENT SCHOOL DISTRICT
ALEXANDER HIGH SCHOOL
ENGINEER'S PRELIMINARY OPINION OF PROBABLE COST
TRACK AND FIELD
WITHOUT FIELD LIGHTING**

04/09/10

Material List	Estimated Quantity	Unit	Unit Price	Extended
Clearing and Grubbing	7	AC	\$750.00	\$5,250.00
Remove/Relocate Existing Bleacher and Concrete Slab	1	LS	\$10,000.00	\$10,000.00
Remove/Relocate Field Goal Posts and Soccer Goals	1	LS	\$2,000.00	\$2,000.00
Cut	4,000	CY	\$3.00	\$12,000.00
Fill (From Site)	4,000	CY	\$3.25	\$13,000.00
Fill (From Over excavation)	2,200	CY	\$3.25	\$7,150.00
Subgrade Preparation	5,240	SY	\$1.25	\$6,550.00
Over excavate and remove 3' of high P.I. Soil under track	5,240	CY	\$3.00	\$15,720.00
Select Fill (Import)	5,240	CY	\$10.50	\$55,020.00
12" Flexible Base	5,240	SY	\$11.50	\$60,260.00
Prime Coat	5,240	SY	\$1.25	\$6,550.00
Track 9 lanes with Rubber Surface and 2" HMAc	5,240	SY	\$40.00	\$209,600.00
8" x 16" Perimeter Concrete Curb	2,950	LF	\$10.00	\$29,500.00
Field Drainage	675	LF	\$10.00	\$6,750.00
Perimeter Valley Gutter	1,315	LF	\$20.00	\$26,300.00
Top Soil and Sod	16,800	SY	\$4.50	\$75,600.00
Pole Vault track w/2" HMAc	250	SY	\$40.00	\$10,000.00
Long jump track w/2" HMAc	266	SY	\$40.00	\$10,640.00
Other Areas w/2" HMAc	800	SY	\$40.00	\$32,000.00
Shot put slab and Cage	1	LS	\$3,500.00	\$3,500.00
Striping and Graphics	1	LS	\$10,000.00	\$10,000.00
Irrigation	1	LS	\$30,000.00	\$30,000.00
Earthen Swale	700	CY	\$5.00	\$3,500.00
24" RCP	170	LF	\$65.00	\$11,050.00
Headwall	2	EA	\$3,000.00	\$6,000.00
4' x 4' Junction Boxes	2	EA	\$3,250.00	\$6,500.00
Gravel Filter Berms	5	EA	\$500.00	\$2,500.00
Mulch Tube	2,500	LF	\$3.50	\$8,750.00
4' Chain Link Fence and Gates	1,650	LF	\$10.00	\$16,500.00
Erosion Control Blanket with Hydromulch	1,750	SY	\$4.00	\$7,000.00
Sidewalk Extensions to tie to existing	1,000	SF	\$4.00	\$4,000.00
Estimated Construction Cost				\$703,190.00

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ENGINEER'S PRELIMINARY OPINION OF PROBABLE COST
TRACK AND FIELD
WITHOUT FIELD LIGHTING

04/09/10

Engineering	\$76,999.31
Surveying	\$12,500.00
Daily Inspection*	\$25,000.00
Staking	\$17,500.00
Geotechnical	\$20,000.00
Contingency	\$25,000.00

Total Preliminary Project Cost **\$880,189.31**

* Assumes 6-month construction time.

Estimated cost for construction of a new soccer field \$274,811.00

Total Cost **\$1,155,000.31**