Addison Airport - Feasibility Study

2003

SW-1745
JULY 30, 2003

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
FORT WORTH NAS IMPLEMENTATION CENTER
FORT WORTH, TEXAS

ADDENDUM NO. 001

ADDISON AIRPORT TRAFFIC CONTROL TOWER
ADDISON AIRPORT
ADDISON, TEXAS

ITEM No.	SUMMARY OF CHANGES:
1.	DELETE: APPENDIX "B" LIST OF DRAWINGS (NOT INCLUDED)
2.	ADD: APPENDIX "B" LIST OF DRAWINGS – DRAWING INDEX SHEET, ADS-D-ATCT-G002
3.	NOTE: APPENDIX "D" (SPECIFICATION FOR ASBESTOS & LEAD BASED PAINT ABATEMENT) INCLUDES SUB APPENDIX "A-D"
4.	NOTE: APPENDIX "E" (SPECIFICATIONS FOR UNDERGROUND STORAGE TANK REMOVAL) INCLUDES SUB-APPENDIX "A & B".

DRAWING INDEX

SEQUENCE NUMBER	REFERENCE NUMBER	DRAWING TITLE
GENERAL		
ADS-ATCT-G01	G01	COVER SHEET
ADS-D-ATCT-G002-A	G02/G002	DRAWING INDEX SHEET
ADS-ATCT-G03	G03	GENERAL ABBREVIATIONS
ADS-ATCT-G04	G04	LEGEND - ARCHITECTURAL/CIVIL
ADS-ATCT-G05	G05	LEGEND - MECHANICAL
ADS ATCT-G06	G06	ABBREVIATIONS AND LEGEND - MECHANICAL
ADS-ATCT-G07	G07	LEGENDS AND ABBREVIATIONS - ELECTRICAL
CIVIL		
ADS-ATCT-C01	C01	TOPOGRAPHIC SURVEY
ADS-ATCT-C02	C02	TOPOGRAPHIC SURVEY
ADS-ATCT-C03	C03	BOUNDARY SURVEY
ADS-ATCT-C04	C04	DEMOLITION PLAN
ADS-D-ATCT-C005-A	C05/C005	SITE GEOMETRY PLAN
ADS-D-ATCT-C006-A	C06/C006	SITE GRADING PLAN
ADS-D-ATCT-C007-A	C07/C007	SITE UTILITY PLAN
ADS-ATCT-C08	C08	DRAINAGE AREA MAP
ADS-ATCT-C09	C09	ENTRANCE/EXIT GATE DETAILS
ADS-ATCT-C10	C10	PAVEMENT PROFILES
ADS-ATCT-C11	C11	UTILITY PROFILES
ADS-ATCT-C12	C12	TYPICAL PAVING SECTIONS
ADS-ATCT-C13	C13	UTILITY DETAILS
ADS-ATCT-C14	C14	STRIPING/SIGNAGE DETAILS
ADS-ATCT-C15	C15	PAVEMENT DETAILS
ADS-ATCT-C16	C16	JOINT DETAILS
ADS-ATCT-C17	C17	DRAINAGE/UTILITY DETAILS
ADS-ATCT-C18	C18	MISCELLANEOUS SECTIONS AND DETAILS
ADS-ATCT-C19	C19	EROSION CONTROL PLAN
ADS-ATCT-C20	C20	CANTILEVER GATE ELEVATION AND DETAILS
ADS-ATCT-C21	C21	ORNAMENTAL FENCE DETAILS
LANDSCAPE		
ADS-ATCT-L01	L01	LANDSCAPE PLANTING PLAN
ADS-ATCT-L02	L02	LANDSCAPE PLANTING DETAILS
ADS-ATCT-L03	L03	IRRIGATION SYSTEM PLAN
ADS-ATCT-L04	L04	IRRIGATION SYSTEM DETAILS
ARCHITECTURAL		
ADS-ATCT-A01	A01	GENERAL NOTES AND BUILDING STATISTICS
ADS-D-ATCT-A002-A	A02/A002	FLOOR PLANS - ATCT
ADS-D-ATCT-A003-A	A03/A003	HVAC - FLOOR PLANS - CAB ROOF LEVEL, CAB LEVEL, CAB ACCESS AND WALKWAY LEVEL
ADS-D-ATCT-A004-A	A04/A004	FLOOR PLAN - BASE-EG BUILDING
ADS-D-ATCT-A005-A	A05/A005	FLOOR PLAN - DOOR,WINDOW AND WALL TYPES REFERENCE SYMBOLS - BASE-EG BUILDING
ADS-D-ATCT-A006-A	A06/A006	ROOF PLAN - BASE-EG BUILDING
ADS-D-ATCT-A07	A07	BUILDING ELEVATIONS- ATCT
ADS-D-ATCT-A08	A08	BUILDING SECTION - ATCT
ADS-D-ATCT-A09	A09	BUILDING SECTION - ATCT
ADS-D-ATCT-A10	A10	BUILDING ELEVATIONS - BASE-EG BUILDING
ADS-D-ATCT-A11	A11	BUILDING ELEVATIONS - BASE-EG BUILDING
ADS-D-ATCT-A12	A12	BUILDING SECTIONS - BASE-EG BUILDING
ADS-D-ATCT-A13	A13	CAB SECTION - ATCT
ADS-D-ATCT-A14	A14	REFLECTED CEILING PLANS - ATCT
ADS-D-ATCT-A15	A15	REFLECTED CEILING PLANS AND DETAILS - ATCT
ADS-D-ATCT-A16	A16	REFLECTED CEILING PLAN - BASE-EG BUILDINGS
ADS-D-ATCT-A17	A17	ROOM FINISH SCHEDULES & EXTERIOR COLOR SCHEDULE - ATCT/BASE-EG BUILDING
ADS-D-ATCT-A18	A18	TRASH ENCLOSURE PLAN AND DETAILS, COLOR SCHEDULE AND SIGNAGE DETAILS - ATCT/BASE-EG BUILDING
ADS-D-ATCT-A19	A19	DOOR SCHEDULES AND DOOR TYPES - ATCT/BASE-EG BUILDING
ADS-D-ATCT-A20	A20	DOOR DETAILS - ATCT
ADS-D-ATCT-A21	A21	DOOR DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A22	A22	GLAZING AND LOUVER DETAILS - ATCT
ADS-D-ATCT-A23	A23	WINDOW AND LOUVER DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A24	A24	PARTITION TYPES - ATCT/BASE-EG BLDG
ADS-D-ATCT-A25	A25	ENLARGED PARTIAL PLANS AND INTERIOR ELEVATIONS - ATCT
ADS-D-ATCT-A26	A26	ENLARGED PARTIAL PLANS AND INTERIOR ELEVATIONS - BASE-EG BUILDING
ADS-D-ATCT-A27	A27	INTERIOR ELEVATIONS AND DETAILS - BASE-EG BUILDING

SEQUENCE NUMBER	REFERENCE NUMBER	DRAWING TITLE
ARCHITECTURAL		
ADS-D-ATCT-A28	A28	WALL SECTIONS- ATCT
ADS-D-ATCT-A29	A29	WALL SECTIONS AND DETAILS- ATCT
ADS-D-ATCT-A30	A30	WALL SECTIONS AND DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A31	A31	WALL SECTIONS AND DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A32	A32	EXTERIOR AND INTERIOR DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A33	A33	STAIR DETAILS - ATCT
ADS-D-ATCT-A34	A34	STAIR DETAILS - ATCT
ADS-D-ATCT-A35	A35	EXTERIOR DETAILS - ATCT
ADS-D-ATCT-A36	A36	EXTERIOR AND INTERIOR DETAILS - ATCT
ADS-D-ATCT-A37	A37	ENLARGED PARTIAL PLAN AND MISCELLANEOUS DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A38	A38	MISCELLANEOUS DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A39	A39	ELEVATOR DETAILS - ATCT
ADS-D-ATCT-A40	A40	ROOF DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A41	A41	MISCELLANEOUS DETAILS - ATCT
ADS-D-ATCT-A42	A42	EXPANSION JOINT DETAILS - BASE-EG BUILDING
ADS-D-ATCT-A43	A43	CAB DETAILS - ATCT
ADS-D-ATCT-A44	A44	CAB DETAILS - ATCT
ADS-D-ATCT-A045	A045	ROOF CURB DETAILS AIR HANDLING UNITS - AHU 2 AND AHU 3
ADS-CAB-CNSL01-A		PLAN LAYOUT AND EQUIPMENT SCHEDULE - TOWER CAB CONSOLES
STRUCTURAL		
ADS-ATCT-S01	S01	GENERAL NOTES ATCT - BASE-EG BUILDING
ADS-ATCT-SD2	S02	FOUNDATION PLAN, SECTIONS AND DETAILS- ATCT
ADS-D-ATCT-S003-A	S03/S003	FOUNDATION PLAN - BASE-EG BUILDING
ADS-ATCT-S04	S04	FLOOR FRAMING PLANS - ATCT
ADS-D-ATCT-S005-A	S05/S005	FLOOR FRAMING PLANS
ADS-ATCT-S06	SD6	ROOF FRAMING PLAN - BASE-EG BUILDING
ADS-ATCT-S07	S07	SECTIONS AND DETAILS - BASE-EG BUILDING
ADS-ATCT-S08	S08	SECTIONS AND DETAILS - BASE-EG BUILDING
ADS-ATCT-S09	S09	FRAME ELEVATIONS, SECTIONS AND DETAILS - ATCT
ADS-ATCT-S10	S10	SECTIONS AND DETAILS - ATCT
ADS-ATCT-S11	S11	SECTIONS AND DETAILS - ATCT
ADS-ATCT-S12	S12	SECTIONS AND DETAILS - ATCT
ADS-ATCT-S13	S13	SECTIONS AND DETAILS - ATCT
ADS-ATCT-S14	S14	SECTIONS AND DETAILS - ATCT
ADS-ATCT-S15	S15	SECTIONS AND DETAILS - BASE-EG BUILDING
ADS-ATCT-S16	S16	SECTIONS AND DETAILS - BASE-EG BUILDING
ADS-ATCT-S17	S17	TYPICAL SECTIONS AND DETAILS
MECHANICAL		
ADS-D-ATCT-M001-A	M01/M001	HVAC - EQUIPMENT SCHEDULES
ADS-D-ATCT-M002-A	M02/M002	HVAC - EQUIPMENT SCHEDULES
ADS-D-ATCT-M003-A	M03/M003	HVAC - CONTROL DIAGRAMS - ATCT
ADS-D-ATCT-M004-A	M04/M004	HVAC - CONTROL DIAGRAMS - BASE-EG BUILDING
ADS-D-ATCT-M005-A	M05/M005	HVAC - CONTROL DIAGRAMS - BASE-EG BUILDING
ADS-D-ATCT-M006-A	M06/M006	HVAC - FLOOR PLANS
ADS-D-ATCT-M007-A	M07/M007	HVAC - FLOOR PLANS
ADS-D-ATCT-M008-A	M08/M008	HVAC - BASE BUILDING FLOOR PLAN AND ROOM SCHEDULE
ADS-D-ATCT-M009-A	M09/M009	HVAC - ROOF PLAN - BASE-EG BUILDING
ADS-D-ATCT-M010-A	M10/M010	HVAC - ENLARGED PLANS - BASE-EG BUILDING
ADS-D-ATCT-M011-A	M11/M011	HVAC - SECTIONS
ADS-D-ATCT-M012-A	M12/M012	HVAC - DETAILS
ADS-D-ATCT-M013-A	M13/M013	CHILLED WATER RISER AND CONTROL DIAGRAMS
ADS-D-ATCT-M014-A	M14/M014	MECHANICAL DETAILS AND CHILLED WATER PIPING LAYOUT
SWSD-UST-M07-09		ABOVE GROUND FUEL TANK VAULT
PLUMBING		
ADS-D-ATCT-P001-A	P01/P001	PLUMBING - SCHEDULES
ADS-D-ATCT-P002-A	P02/P002	PLUMBING - RISER DIAGRAMS
ADS-D-ATCT-P003-A	P03/P003	PLUMBING - RISER DIAGRAMS
ADS-D-ATCT-P004-A	P04/P004	PLUMBING - FLOOR PLANS - ATCT
ADS-D-ATCT-P005-A	P05/P005	PLUMBING - FLOOR PLANS - ATCT
ADS-D-ATCT-P006-A	P06/P006	PLUMBING - FLOOR PLAN - BASE-EG BUILDING
ADS-D-ATCT-P007-A	P07/P007	PLUMBING - ENLARGED PLANS - BASE-EG BUILDING
ADS-ATCT-PD08	P08	PLUMBING - DETAILS
ADS-ATCT-PD09	P09	PLUMBING - DEFOGGER DETAILS - ATCT
ADS-ATCT-P010	P10	PLUMBING - DEFOGGER DETAILS - ATCT
ADS-D-ATCT-P011-A	P11/P011	FIRE PROTECTION - RISER DIAGRAM AND DETAILS

SEQUENCE NUMBER	REFERENCE NUMBER	DRAWING TITLE
ELECTRICAL		
ADS-D-ATCT-ED01-A	ED1/ED01	SINGLE LINE DIAGRAM
ADS-D-ATCT-E002-A	ED2/ED02	POWER RISER DIAGRAMS - BASE-EG BUILDING
ADS-ATCT-E03	E03	POWER RISER DIAGRAMS - AND FIXTURE SCHEDULE
ADS-ATCT-E04	E04	TELCO RISER DIAGRAMS
ADS-D-ATCT-E011-A	E11/E011	POWER PLANS
ADS-D-ATCT-ED12-A	E12/E012	POWER PLANS - ATCT
ADS-D-ATCT-E013-A	E13/E013	POWER PLAN - BASE-EG BUILDING
ADS-D-ATCT-E014-A	E14/E014	POWER PLAN - PARTIAL PLANS BASE-EG BUILDING
ADS-D-ATCT-E015-A	E15/E015	FIRE ALARM AND SECURITY PLAN - BASE-EG BUILDING
ADS-D-ATCT-E016-A	E16/E016	FIRE ALARM ZONE DIAGRAM
ADS-ATCT-E21	E21	LIGHTING PLANS - ATCT
ADS-D-ATCT-E022-A	E22/E022	LIGHTING PLANS
ADS-ATCT-E23	E23	LIGHTING PLAN - BASE-EG BUILDING
ADS-D-ATCT-ED24-A	E24/ED24	LIGHTING AND POWER PLAN - BASE-EG BUILDING
ADS-D-ATCT-E025-A	E25/E025	ELECTRICAL PLOT PLAN
ADS-D-ATCT-E031-A	E31/E031	GROUNDING AND LIGHTNING PROTECTION PLAN - ATCT/BASE-EG BUILDING
ADS-D-ATCT-E032-A	E31/E032	GROUNDING PLAN -ATCT/BASE-EG BUILDINGS
ADS-ATCT-E33	E33	LIGHTNING PROTECTION AND GROUNDING - RISER DIAGRAM
ADS-D-ATCT-ED41-A	E41/ED41	MOTOR CONTROL SCHEDULE
ADS-D-ATCT-E042-A	E41/ED42	SCHEDULES
ADS-D-ATCT-ED43-A	E41/E043	PANEL SCHEDULES
ADS-D-ATCT-ED44-A	E41/E044	PANEL SCHEDULES
ADS-ATCT-E61	E61	ELECTRICAL DETAILS
ADS-ATCT-E62	E62	GROUNDING AND LIGHTNING PROTECTION DETAILS
ADS-ATCT-E63	E63	GROUNDING DETAILS
ADS-ATCT-E64	E64	ELECTRICAL DETAILS
ADS-ATCT-E65	E65	ELECTRICAL MANHOLE DETAILS
ADS-ATCT-E66	E66	ELECTRICAL DETAILS
ADS-ATCT-E67	E67	ELECTRICAL DETAILS
ADS-ATCT-E68	E68	ELECTRICAL DETAILS
ADS-D-ATCT-E069-A	E69/ED69	ELECTRICAL DETAILS
SWSD-GROUNDING-ED2		GROUNDING STANDARDS - TYPICAL CONNECTIONS
SWSD-GROUNDING-E03		GROUNDING STANDARDS - POWER SERVICE DETAILS

REV	DATE	DESCRIPTION	JOH	REQUIRE DATE	APVD
A	06-23-03	FAA REDESIGN OF HVAC, JOH 21874.	9700154	06-23-03	

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
FORT WORTH IMPLEMENTATION CENTER FORT WORTH, TX

LOW ACTIVITY LEVEL ATCT

DRAWING INDEX SHEET

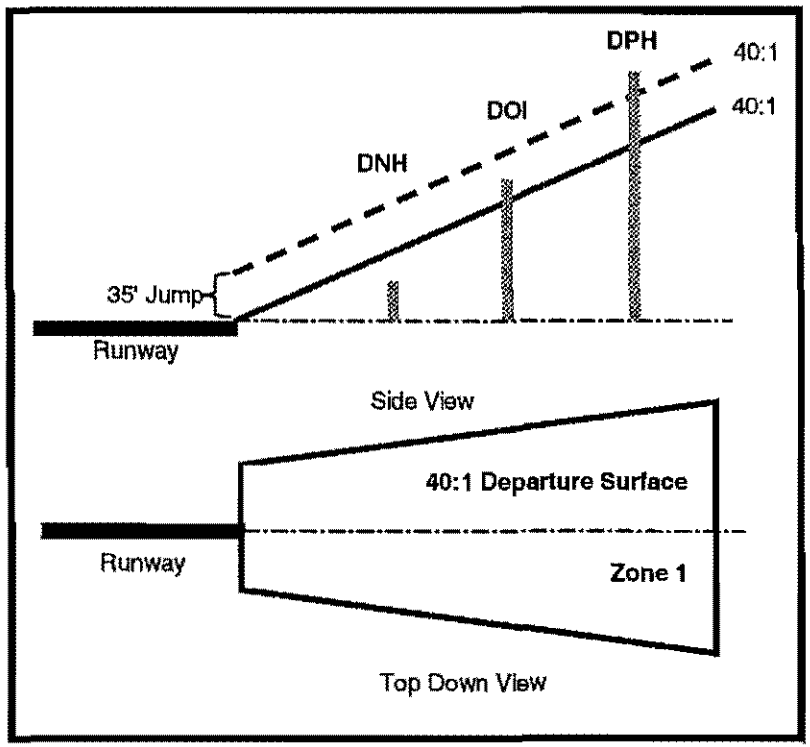
ADDISON ADDISON AIRPORT TX

REVIEWED BY	SUBMITTED BY	APPROVED BY
	Edward Hackett	
	PROJECT ENGINEER, ANI-640	PLATFORM MANAGER, ANI-640

DESIGNED	ED HACKETT	ISSUED BY	DATE	JOH
DRAWN	KS	NAS IMPLEMENTATION ANI-600	06-23-03	9700154
CHECKED			DRAWING NO	REV
			ADS-D-ATCT-G002	A

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1485	269	636	631	38	669
2257	263				



OUTPUT DATA Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
897.9	37.125 673.125	Inside surface	NO, by -4.125	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4275

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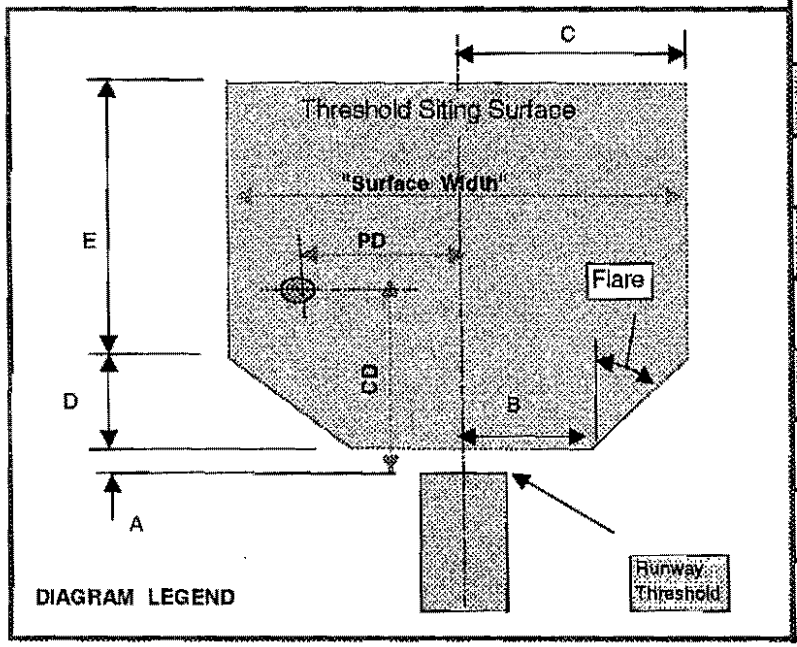
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

no effect (FPO)

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1485 22.57	269 263	636	631	38	669



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	547.0	710.3	no, by	
		Surface Height @ 20:1	74.3		-41.25	
	c	Surface Width @ CD	994.0	710.3	no, by	
		Surface Height @ 20:1	74.3		-41.25	
	d	Surface Width @ CD	785.5	709.3	no, by	
		Surface Height @ 20:1	64.3		-31.25	
	e	Surface Width @ CD	836.9	709.3	no, by	
		Surface Height @ 20:1	64.3		-31.25	
	f	Surface Width @ CD	1185.5	709.3	no, by	
		Surface Height @ 20:1	64.3		-31.25	
	g	Surface Width @ CD	1185.5	709.3	no, by	
		Surface Height @ 20:1	64.3		-31.25	
	h	Surface Width @ CD	1185.5	673.8	no, by	
		Surface Height @ 34:1	37.6		-5	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

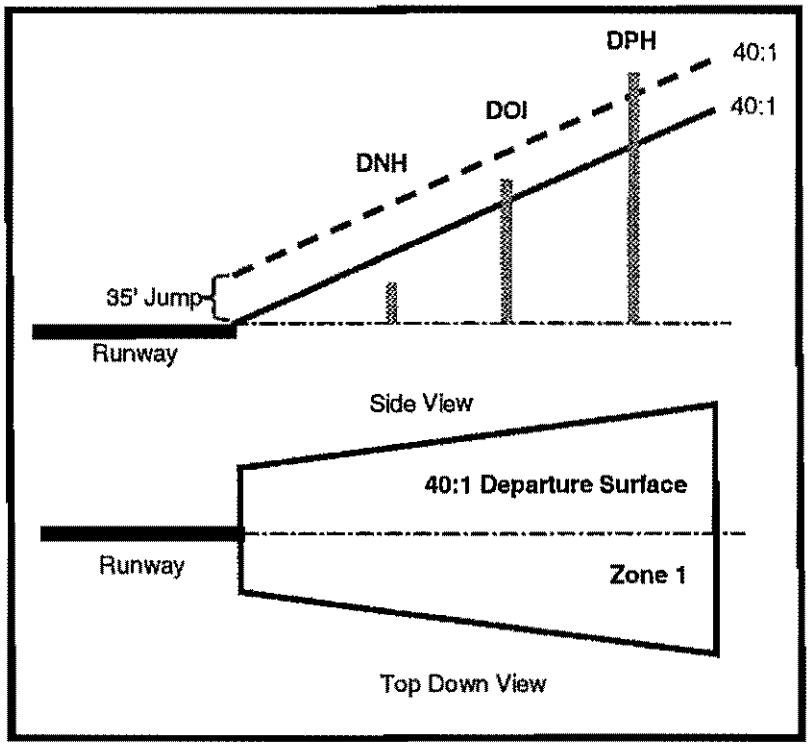
Print Page | Worksheet Help | AC 150/5300-13 Text | Dimensional Standards | RETURN to Main ATC Page

Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4275

Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA					
Object & Runway Data					
OBJECT Distance from Departure End of Runway (DD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
2025	354	636	629	38	667



OUTPUT DATA				
Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @DD, in feet	Departure Surface height @ DD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
1042.6	50.625 / 686.625	Inside surface	NO, by -19.625	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4282 Displaced

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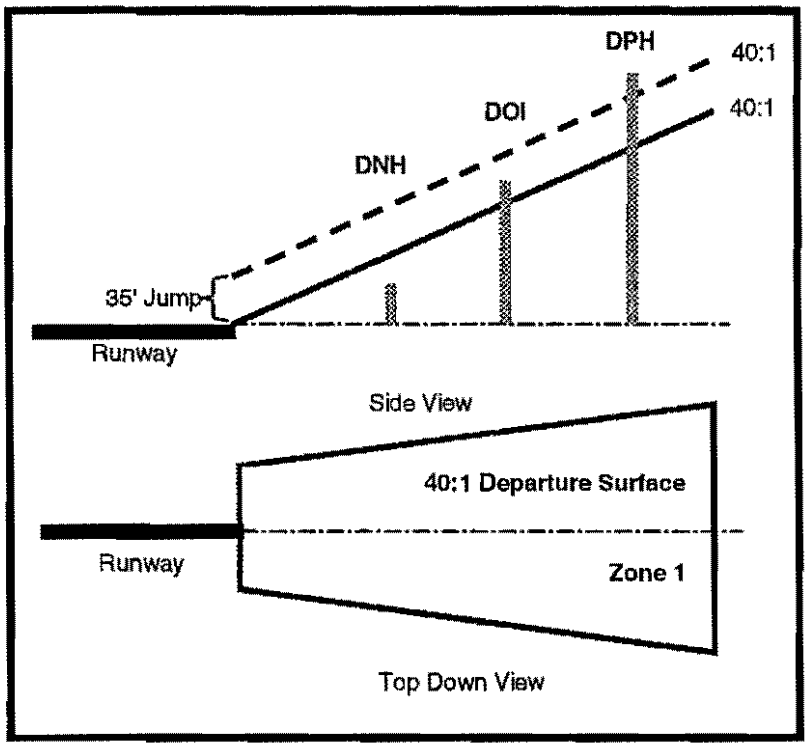
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA					
Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1253	359	636	629	38	667

OUTPUT DATA				
Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @ CD, in feet	Departure Surface Height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
835.7	31.325 / 667.325	Inside surface	NO, by -0.325	DNH



Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4282

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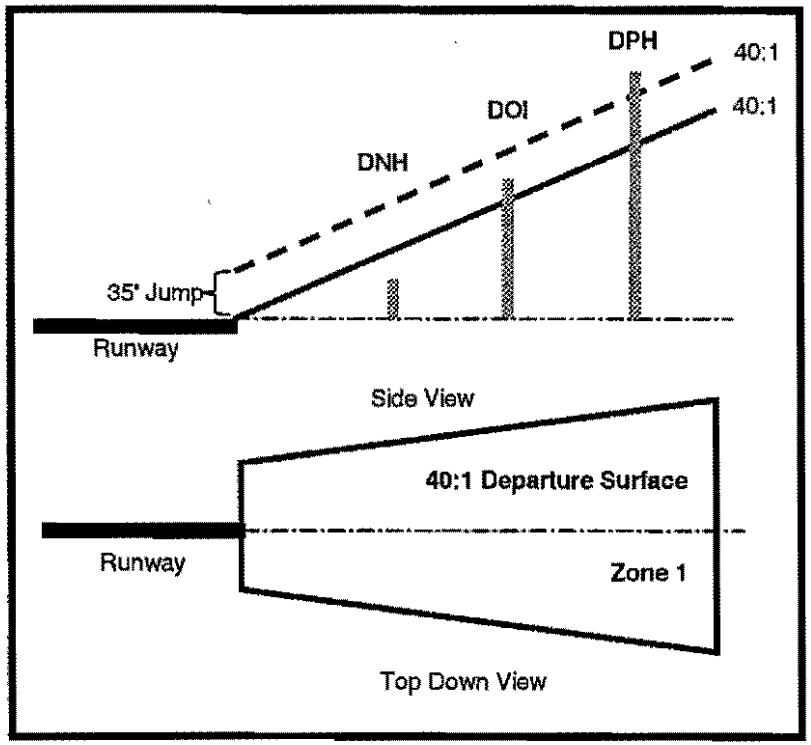
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures.
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1380	394	636	630	42	672



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
869.8	34.5 / 670.5	Inside surface	YES, by 1.5	DOI

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4285

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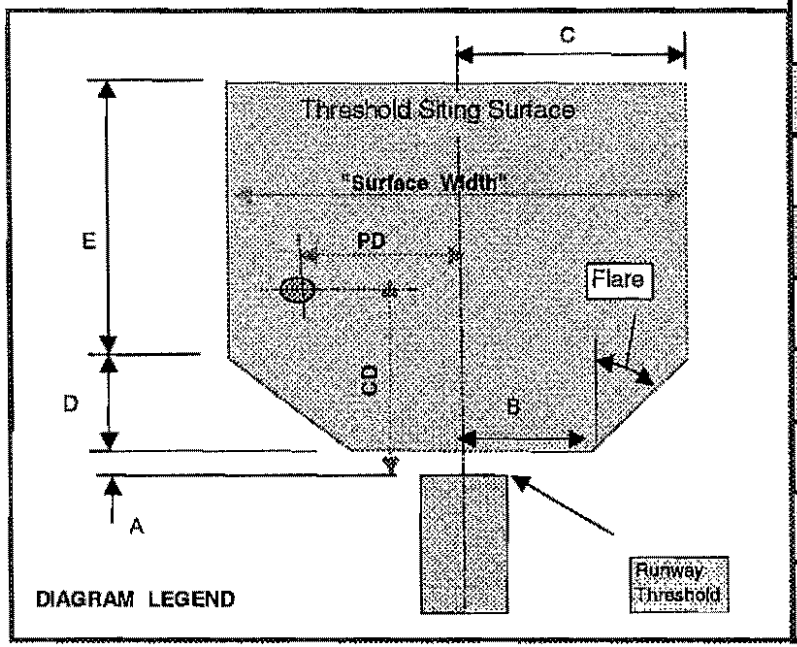
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1380	394	636	630	42	672



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	952.0	705.0	no, by	
		Surface Height @ 20:1	69.0		-33	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	801.2	695.0	no, by	
		Surface Height @ 20:1	59.0		-23	
	f	Surface Width @ CD	1154.0	695.0	no, by	
		Surface Height @ 20:1	59.0		-23	
	g	Surface Width @ CD	1154.0	695.0	no, by	
		Surface Height @ 20:1	59.0		-23	
	h	Surface Width @ CD	1154.0	670.7	YES, by	44
		Surface Height @ 34:1	34.7		1	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4285

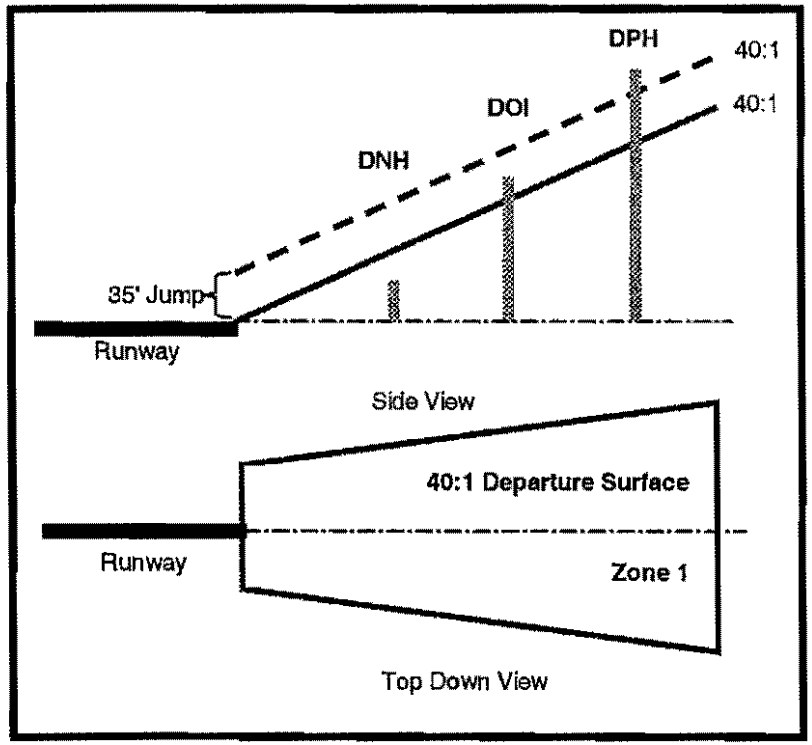
Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1253	432	636	629	42	671



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface Height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (In feet)	Object Analysis Determination
835.7	31.325 667.325	Inside surface	YES, by 3.675	DOI

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4287

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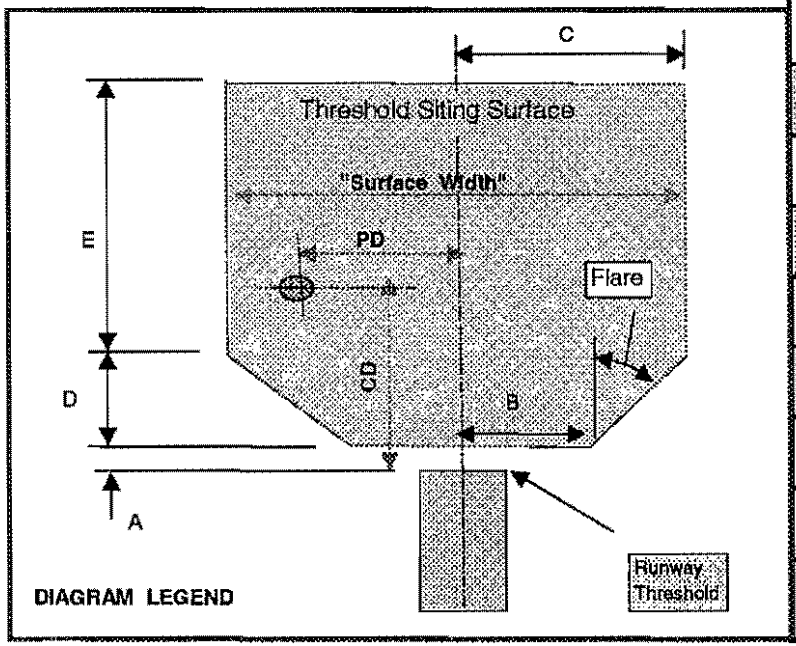
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1253	432	636	629	42	671



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	901.2	698.7	no, by	
		Surface Height @ 20:1	62.7		-27.65	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1115.9	688.7	no, by	#VALUE!
		Surface Height @ 20:1	52.7		#VALUE!	
	g	Surface Width @ CD	1115.9	688.7	no, by	
		Surface Height @ 20:1	52.7		-17.65	
	h	Surface Width @ CD	1115.9	667.0	YES, by	137
		Surface Height @ 34:1	31.0		4	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4287

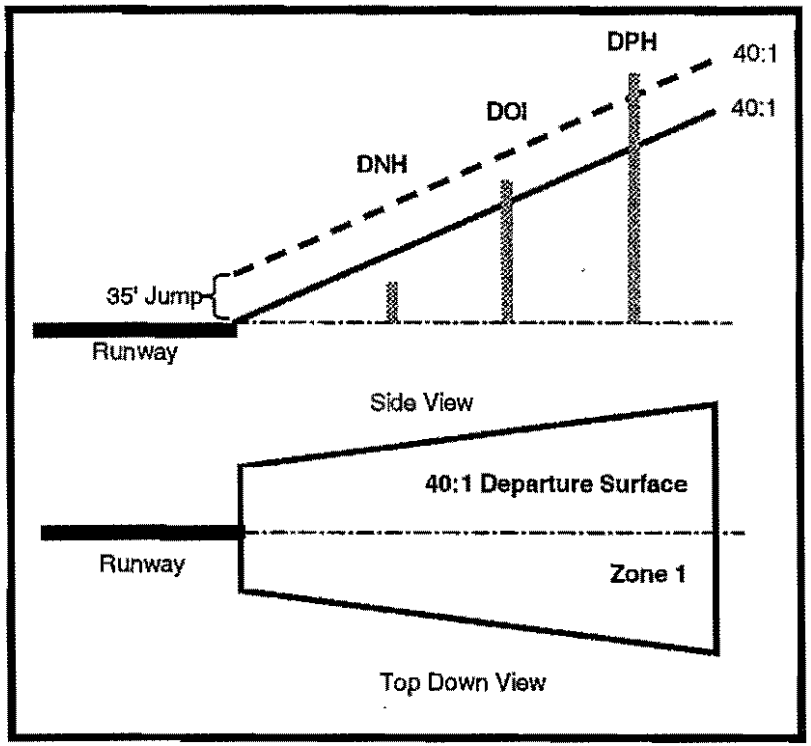
Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1087	421	636	629	38	667



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
791.3	27.175 663.175	Inside surface	YES, by 3.825	DOI

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4288

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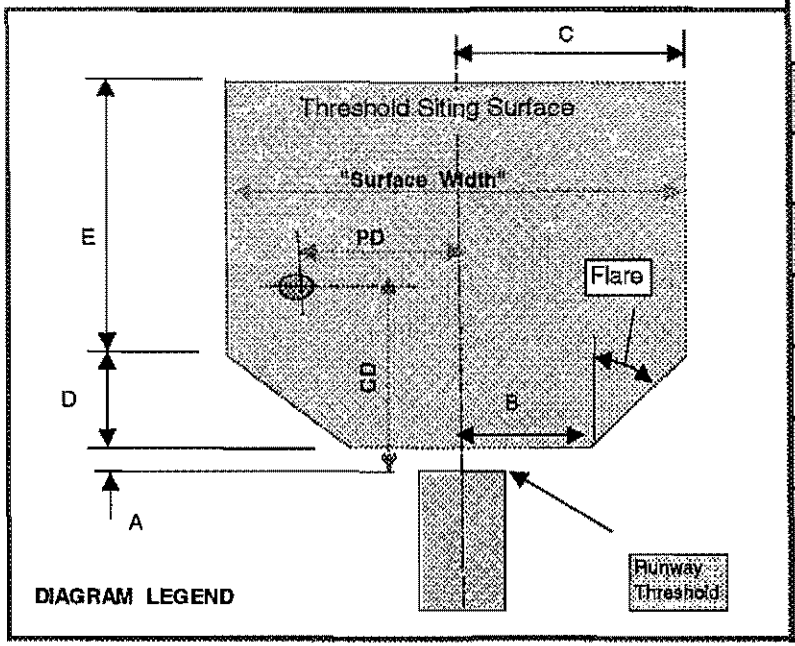
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1087	421	636	628	38	667



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1066.1	680.4	no, by	#VALUE!
		Surface Height @ 20:1	44.4		#VALUE!	
	g	Surface Width @ CD	1066.1	680.4	no, by	
		Surface Height @ 20:1	44.4		-13.35	
	h	Surface Width @ CD	1066.1	662.1	YES, by	167
		Surface Height @ 34:1	26.1		5	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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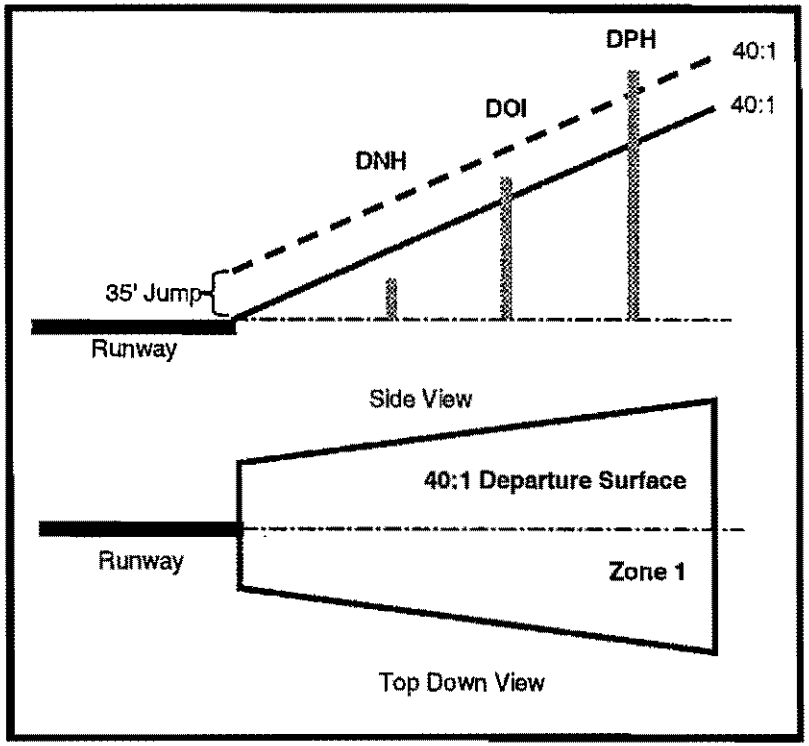
Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4288

Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA					
Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
995	454	636	629	38	667

OUTPUT DATA				
Departure Obstacle Clearance Surface				
Departure Surface 1/2 **Width** @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
766.6	24.875 / 660.875	inside surface	YES, by 6.125	DOI



Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4289

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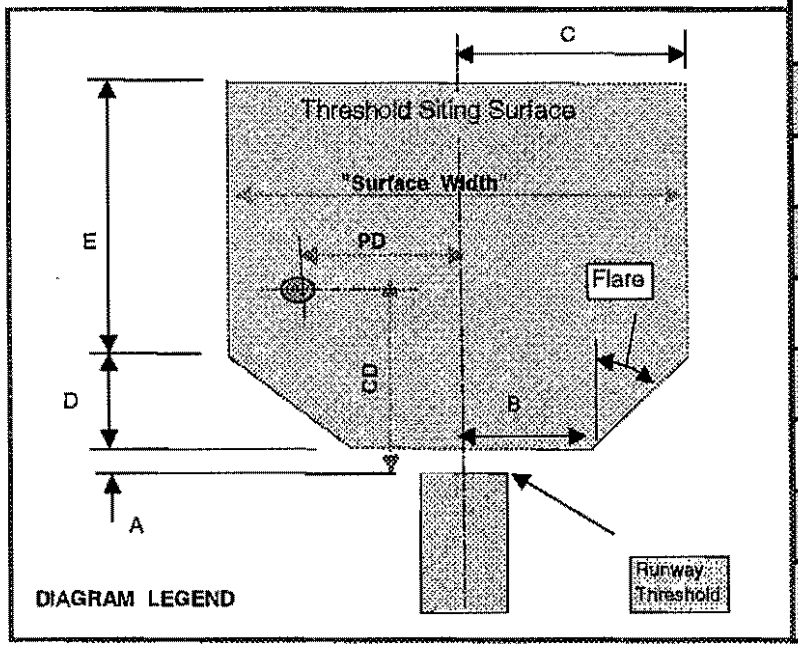
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
995	464	636	629	36	667



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1038.5	675.8	no, by	#VALUE!
		Surface Height @ 20:1	39.8		#VALUE!	
	g	Surface Width @ CD	1038.5	675.8	no, by	
		Surface Height @ 20:1	39.8		-8.75	
	h	Surface Width @ CD	1038.5	659.4	YES, by	259
		Surface Height @ 34:1	23.4		8	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4289

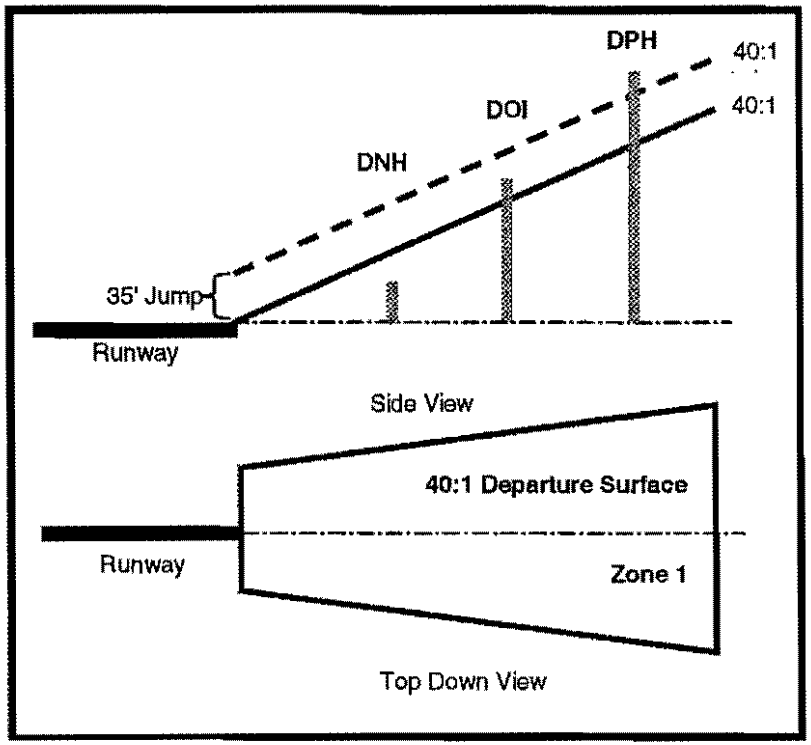
Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
904	487	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface Height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
742.2	22.6 / 658.6	Inside surface	YES, by 9.4	DOI

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4290

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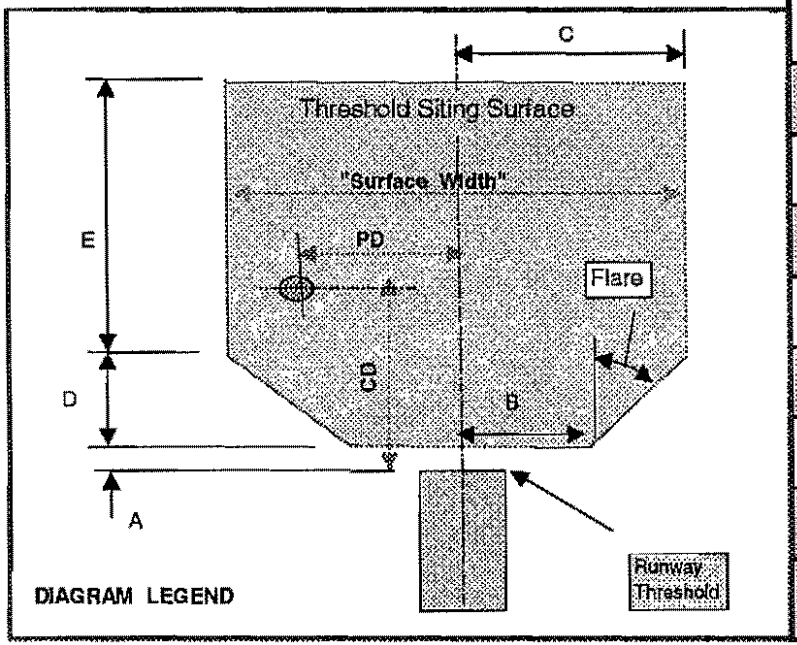
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
904	487	636	630	38	668



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1011.2	671.2	no, by	#VALUE!
		Surface Height @ 20:1	35.2		#VALUE!	
	g	Surface Width @ CD	1011.2	671.2	no, by	
		Surface Height @ 20:1	35.2		-3.2	
	h	Surface Width @ CD	1011.2	656.7	YES, by	384
		Surface Height @ 34:1	20.7		11	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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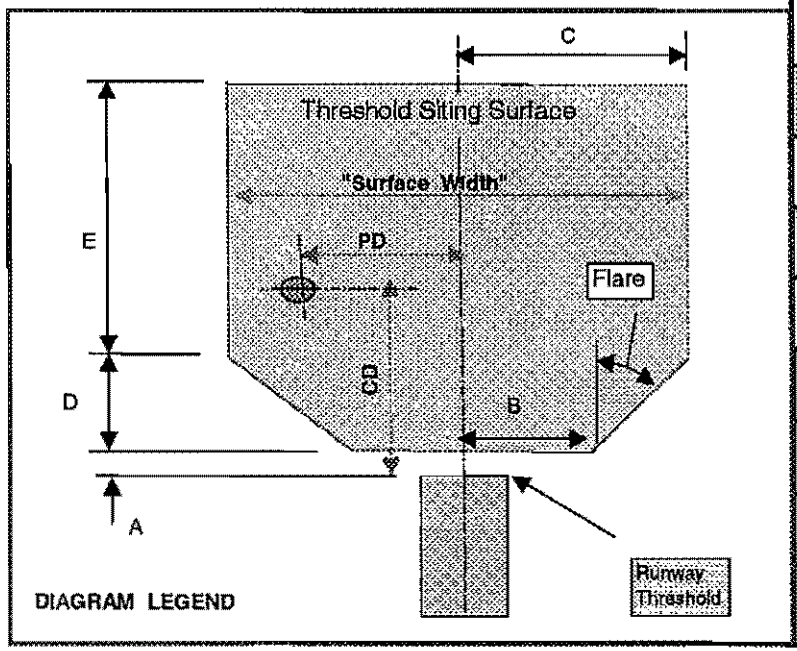
Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4290

Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
818	492	636	630	38	668



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	985.4	666.9	no, by	#VALUE!
		Surface Height @ 20:1	30.9		#VALUE!	
	g	Surface Width @ CD	985.4	666.9	YES, by	22
		Surface Height @ 20:1	30.9		1.1	
	h	Surface Width @ CD	985.4	654.2	YES, by	470
		Surface Height @ 34:1	18.2		14	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4291

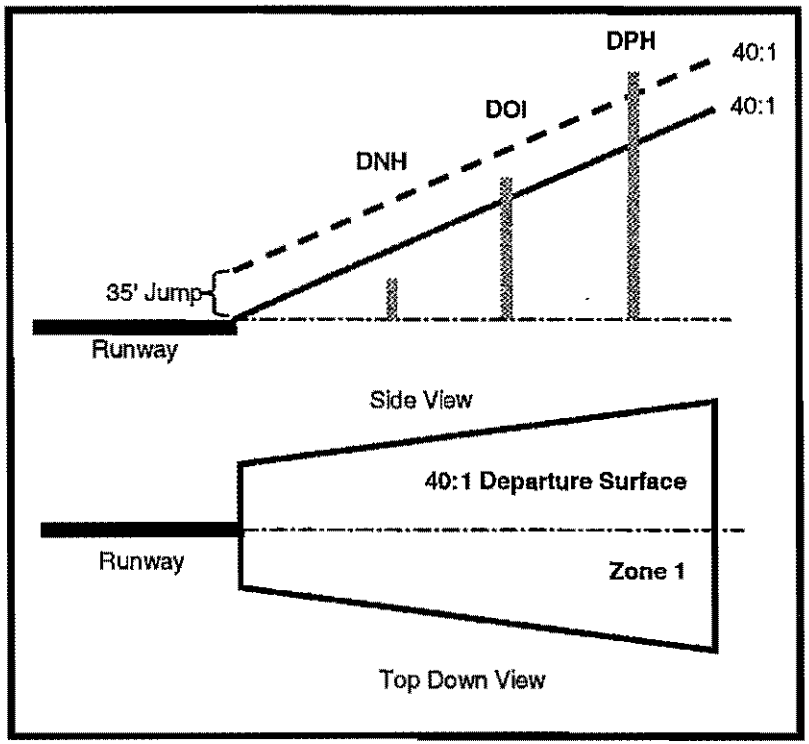
Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1677	483	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
949.4	41.925 677.925	Inside surface	NO, by -9.925	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4290 Displaced

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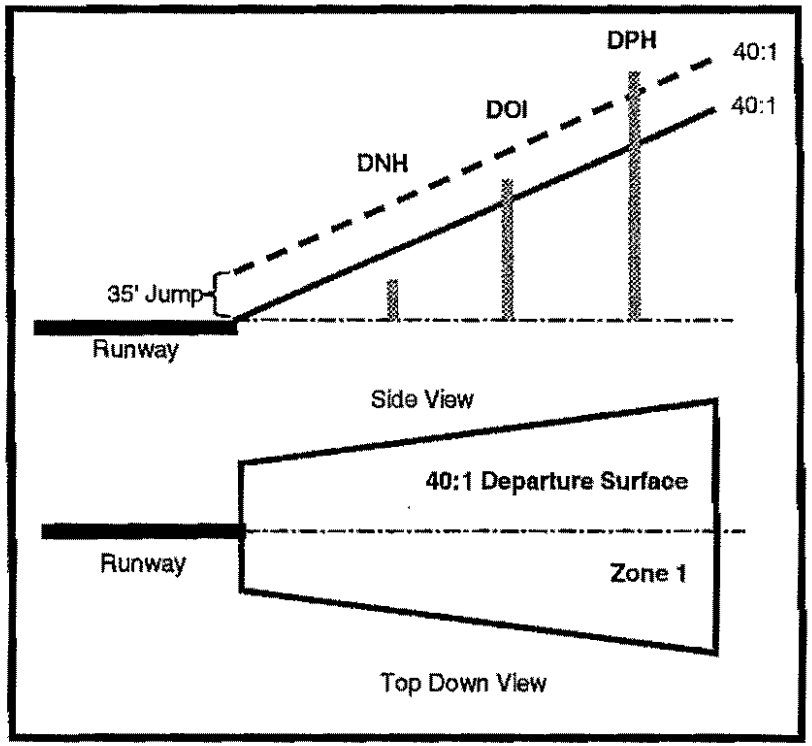
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
818	492	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
719.2	20.45 656.45	Inside surface	YES, by 11.55	DOI

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4291

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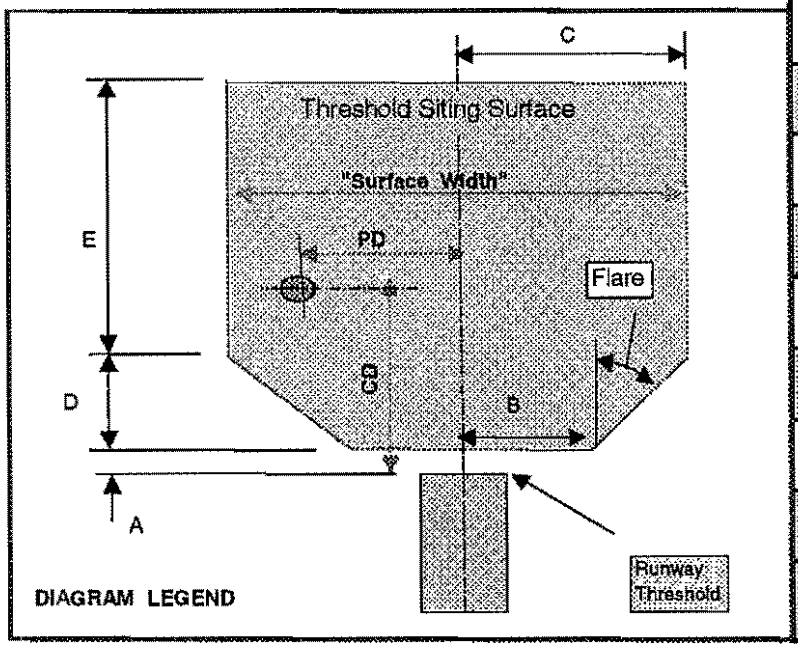
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1591	487	636	630	36	666



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	1000.0	715.6	no, by	
		Surface Height @ 20:1	79.6		-47.55	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1217.3	705.6	no, by	#VALUE!
		Surface Height @ 20:1	69.6		#VALUE!	
	g	Surface Width @ CD	1217.3	705.6	no, by	
		Surface Height @ 20:1	69.6		-37.55	
	h	Surface Width @ CD	1217.3	676.9	no, by	
		Surface Height @ 34:1	40.9		-9	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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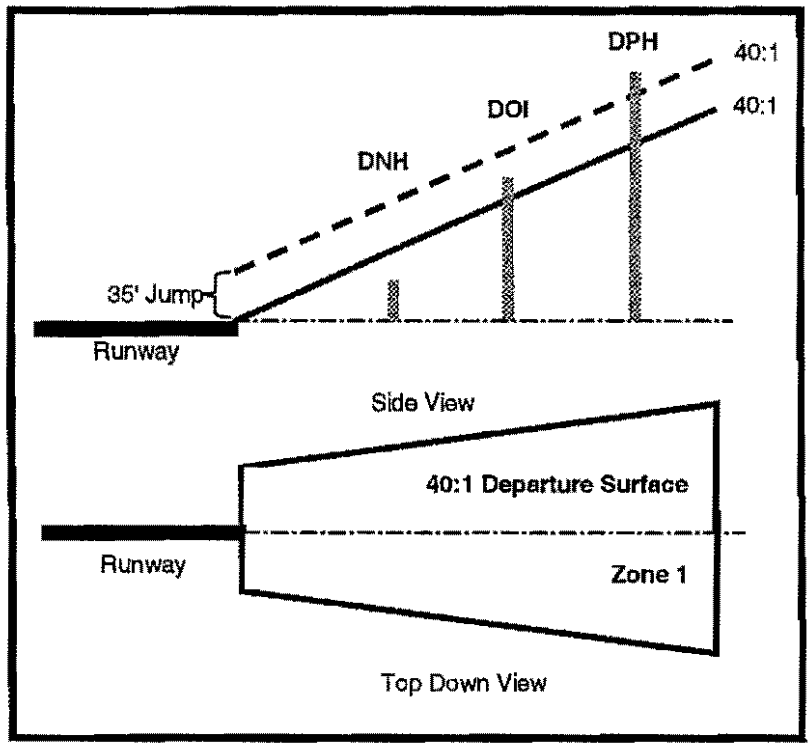
Airport Name:	Addison Municipal Airport
Project Description:	Light poles
Airspace Number:	4291 Dosplaced

Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA Object & Runway Data					
OBJECT Distance from Departure End of Runway (DD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1100	488	636	629	42	671

OUTPUT DATA Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @ DD, in feet	Departure Surface Height @ DD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (In feet)	Object Analysis Determination
794.7	27.5 663.5	Inside surface	YES, by 7.5	DOI



Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4292

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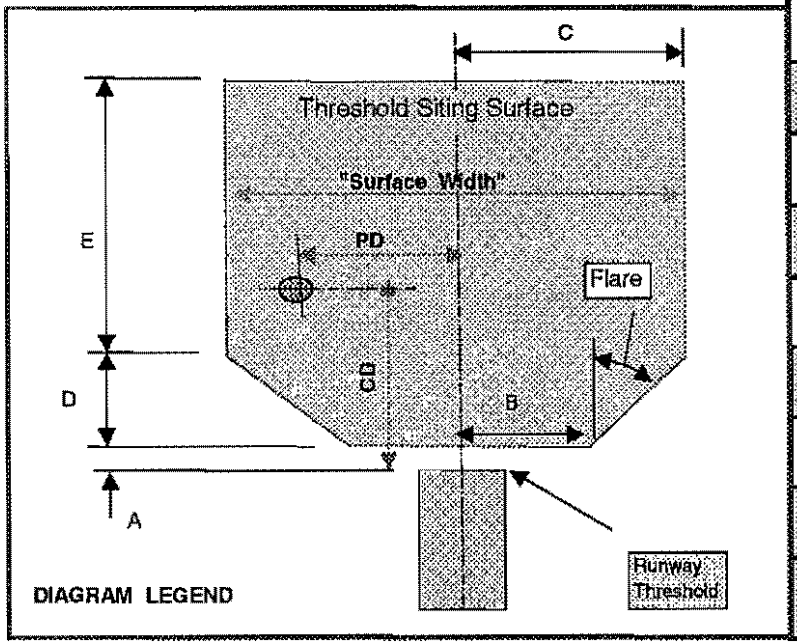
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1100	488	636	629	42	671



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1070.0	681.0	no, by	#VALUE!
		Surface Height @ 20:1	45.0		#VALUE!	
	g	Surface Width @ CD	1070.0	681.0	no, by	
		Surface Height @ 20:1	45.0		-10	
	h	Surface Width @ CD	1070.0	662.6	YES, by	290
		Surface Height @ 34:1	26.5		9	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4292

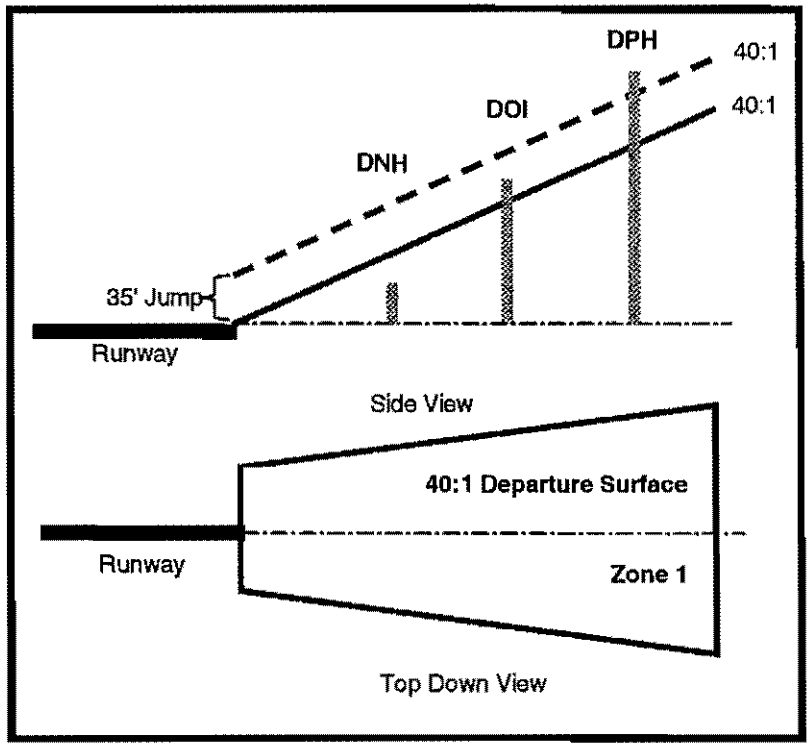
Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1014	520	636	629	42	671



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
771.7	25.35 / 661.35	Inside surface	YES, by 9.65	DOI

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4293

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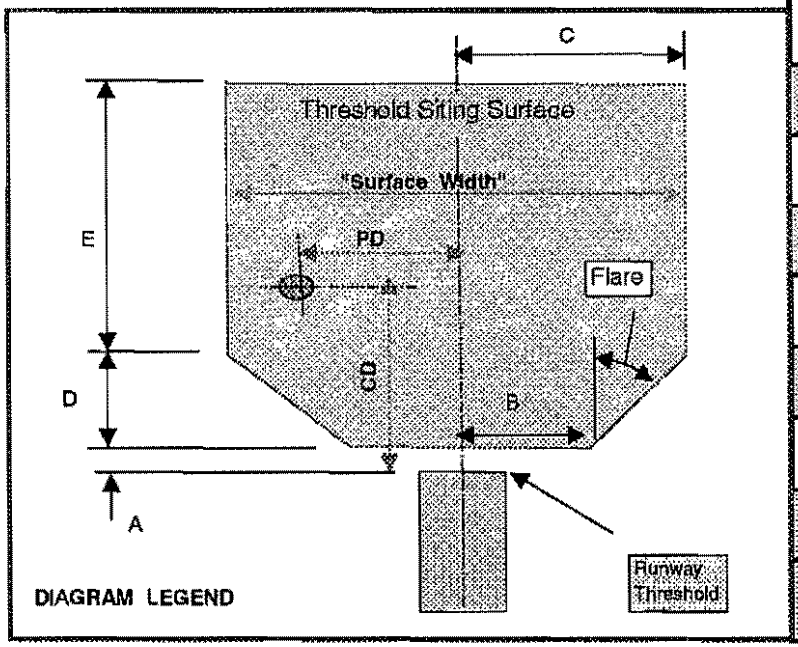
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1014	529	636	629	42	671



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1044.2	676.7	no, by	#VALUE!
		Surface Height @ 20:1	40.7		#VALUE!	
	g	Surface Width @ CD	1044.2	676.7	no, by	
		Surface Height @ 20:1	40.7		-5.7	
	h	Surface Width @ CD	1044.2	659.9	YES, by	376
		Surface Height @ 34:1	23.9		11	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4293

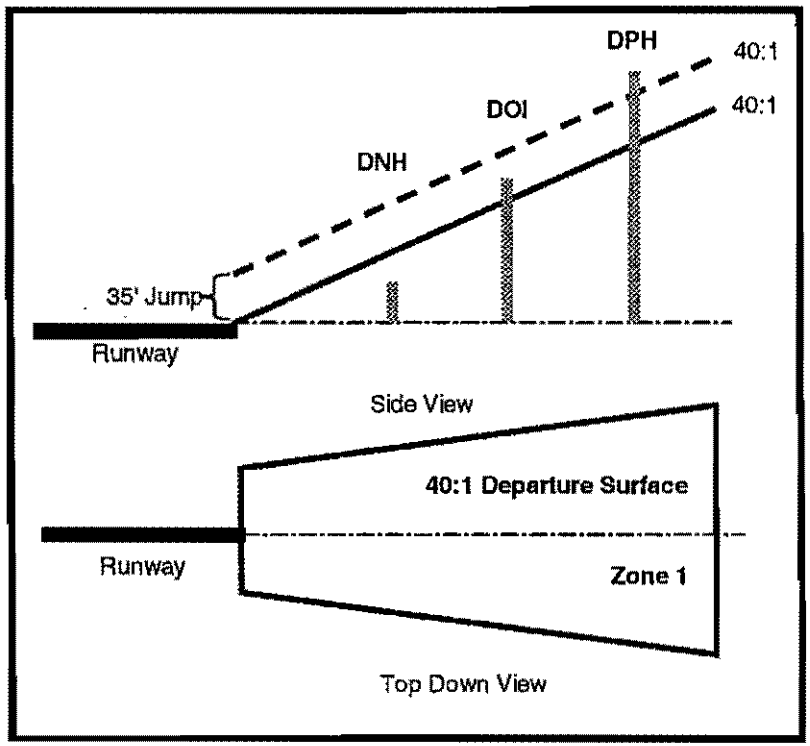
Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1766	526	636	629	38	667



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
973.2	44.15 680.15	Inside surface	NO, by -13.15	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4294 Displaced

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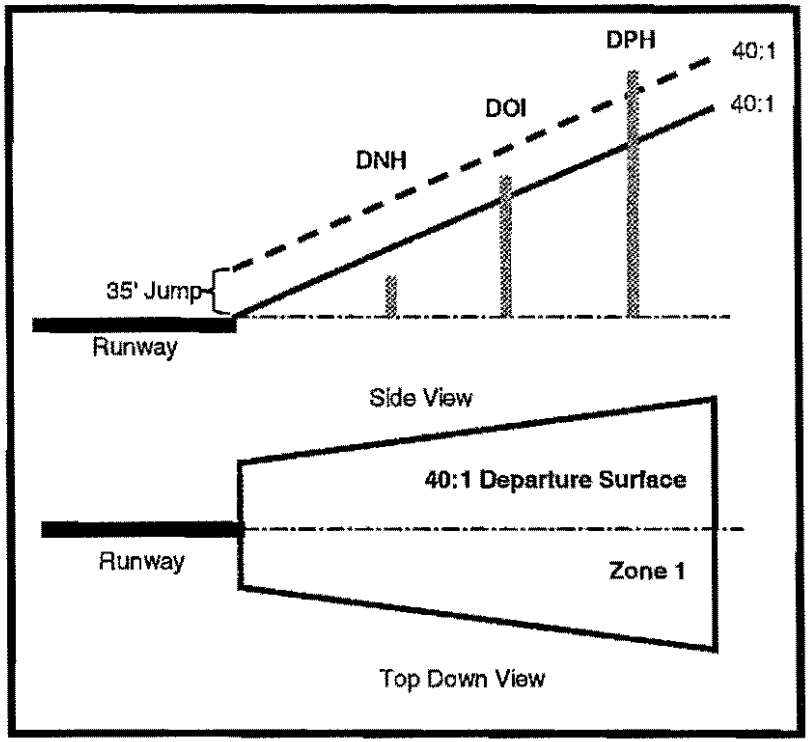
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA					
Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
994	529	636	629	38	667

OUTPUT DATA				
Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
766.3	24.85 / 660.85	Inside surface	YES, by 6.15	DOI



Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4294

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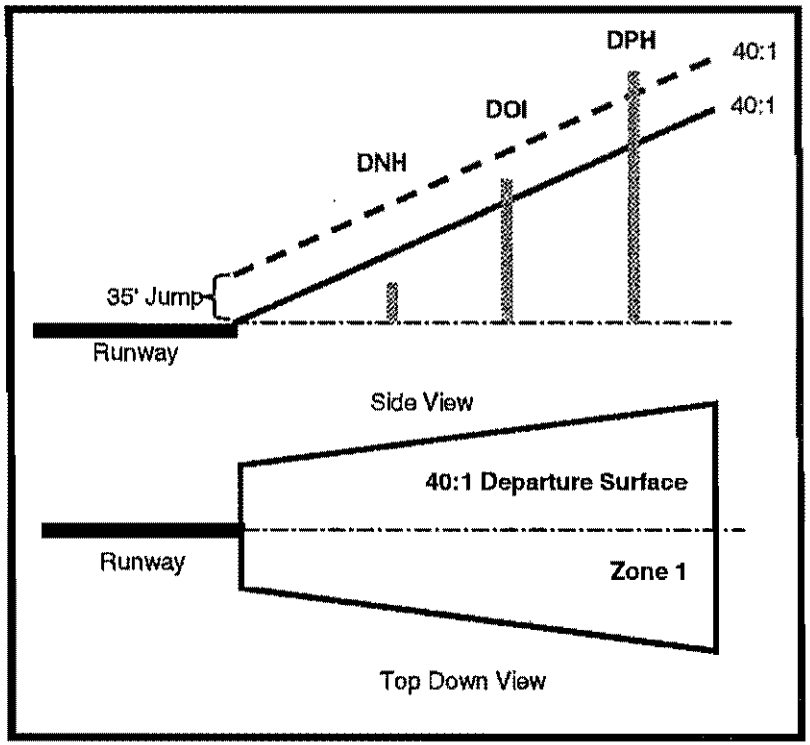
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1613	590	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
932.2	40.325 676.325	Inside surface	NO, by -8.325	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4294 Displaced

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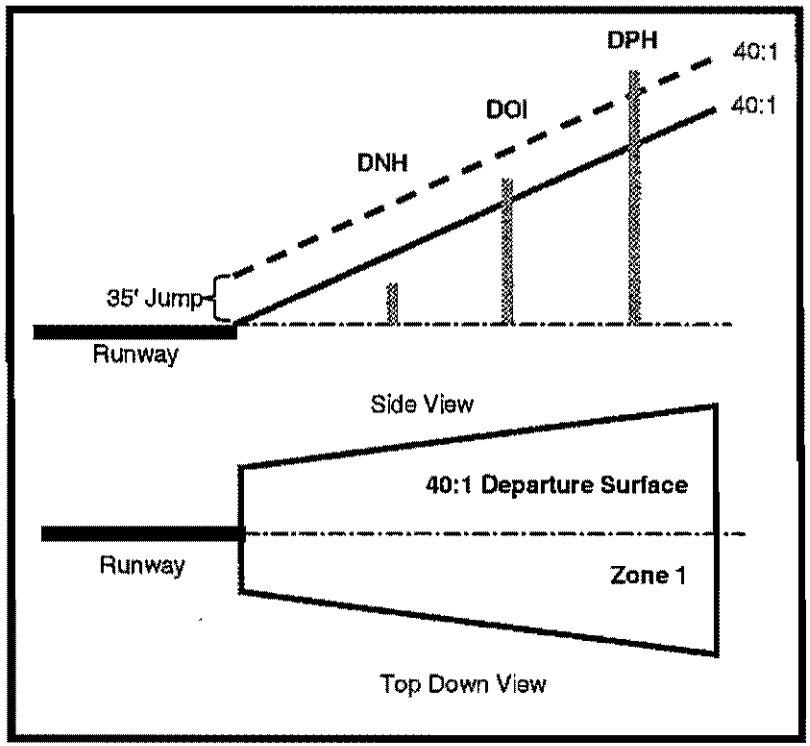
IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
840	594	636	630	38	668

OUTPUT DATA Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @CD, in feet	Departure Surface Height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
725.1	21 / 657	Inside surface	YES, by 11	DOI



Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4295

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4295-OE
10/26/2004 9:54:17 AM[CIV]

Obstruction Evaluation

Lat: 32-57-27.58		SE:	630
Long: 96-49-46.71		AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	668

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22 ft ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 13ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 13ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 13ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 13ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 19 ft ADS[CURRENT] - RWY 33D[PENDING]: approach surface ---> Exceeds by 2 ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE]: approach surface ---> Exceeds by 2 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 840.00	643 590
	Long: 96-49-56.627	App/Opp: P/P	PD: 594.00	
	Elev: 636	Width: 100	DD: 1,028.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

ASN: 2004-ASW-4275-OE
10/25/2004 5:12:01 PM[CIV]

Obstruction Evaluation

Lat: 32-57-20.48		SE:	631
Long: 96-49-47.70		AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	669

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18 ft
	U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18ft
	U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft
	ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft
	ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft
	U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 7 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

771'
DGDL THD
2257
263

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,485.00	
	Long: 96-49-56.627	App/Opp: P/P	PD: 269.00	
	Elev: 636	Width: 100	DD: 1,509.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

ASN: 2004-ASW-4291-OE
10/26/2004 9:32:43 AM[CIV]

Obstruction Evaluation

Lat: 32-57-27.44	SE:	630
Long: 96-49-47.92	AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	668

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 23 ft ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 23ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 13ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 14ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 13ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 14ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 20 ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE]: approach surface ---> Exceeds by 2 ft ADS[CURRENT] - RWY 33D[PENDING]: approach surface ---> Exceeds by 2 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 818.00	1591
	Long: 96-49-56.627	App/Opp: P/P	PD: 492.00	487
	Elev: 636	Width: 100	DD: 954.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

ASN: 2004-ASW-4276-OE
10/25/2004 5:45:04 PM[CIV]

Obstruction Evaluation

Lat: 32-57-21.21		SE:	630
Long: 96-49-47.70		AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	668

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18 ft
	U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18ft
	U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft
	ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft
	ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft
	U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 8 ft
FAR 77.25(e)	DNE transition surface

Military surfaces have not been evaluated

Displ THD
2188
289

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,416.00
	Long: 96-49-56.627	App/Opp: P/P	PD: 294.00
	Elev: 636	Width: 100	DD: 1,446.00
	Len: 7202	Heading: 340	Side: Right

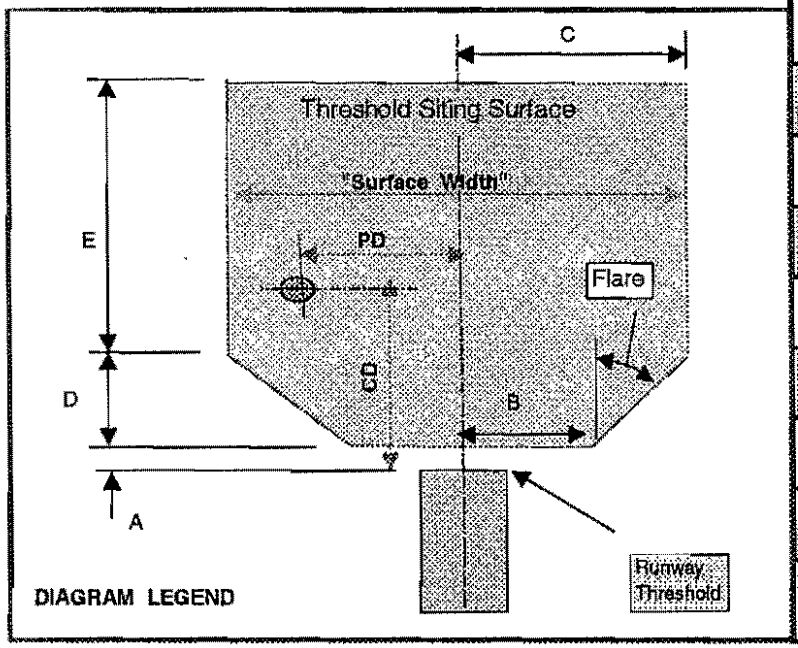
Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1416	294	636	630	38	668



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	966.4	706.8	no, by	
		Surface Height @ 20:1	70.8		-38.8	
	d	Surface Width @ CD	764.8	696.8	no, by	
		Surface Height @ 20:1	60.8		-28.8	
	e	Surface Width @ CD	813.4	696.8	no, by	
		Surface Height @ 20:1	60.8		-28.8	
	f	Surface Width @ CD	1164.8	696.8	no, by	
		Surface Height @ 20:1	60.8		-28.8	
	g	Surface Width @ CD	1164.8	696.8	no, by	
		Surface Height @ 20:1	60.8		-28.8	
	h	Surface Width @ CD	1164.8	671.8	no, by	
		Surface Height @ 34:1	35.8		-4	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

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Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4276

Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

ASN: 2004-ASW-4281-OE
10/26/2004 8:21:36 AM[CIV]

Obstruction Evaluation

Lat: 32-57-22.05		SE:	630
Long: 96-49-47.64		AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	668

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 9 ft
FAR 77.25(e)	DNE transition surface

Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,338.00	
	Long: 96-49-56.627	App/Opp: P/P	PD: 328.00	
	Elev: 636	Width: 100	DD: 1,377.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

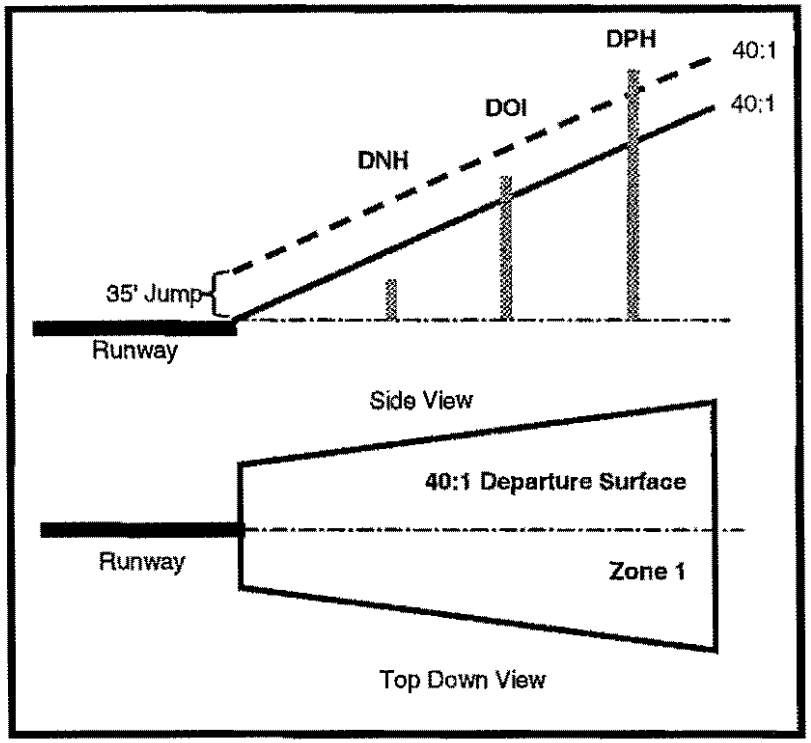
Displ THD
2110
323

Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1504	334	636	631	38	669

OUTPUT DATA Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
903.0	37.6 673.6	Inside surface	NO, by -4.6	DNH



Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4280

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

NO effect, FPO

ASN: 2004-ASW-4280-OE
10/25/2004 6:31:44 PM[CIV]

Obstruction Evaluation

Lat: 32-57-20.52	SE:	631
Long: 96-49-46.91	AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	669

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 7 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

DISP THD
2276
328

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,504.00
	Long: 96-49-56.627	App/Opp: P/P	PD: 334.00
	Elev: 636	Width: 100	DD: 1,541.00
	Len: 7202	Heading: 340	Side: Right

Distances:
CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

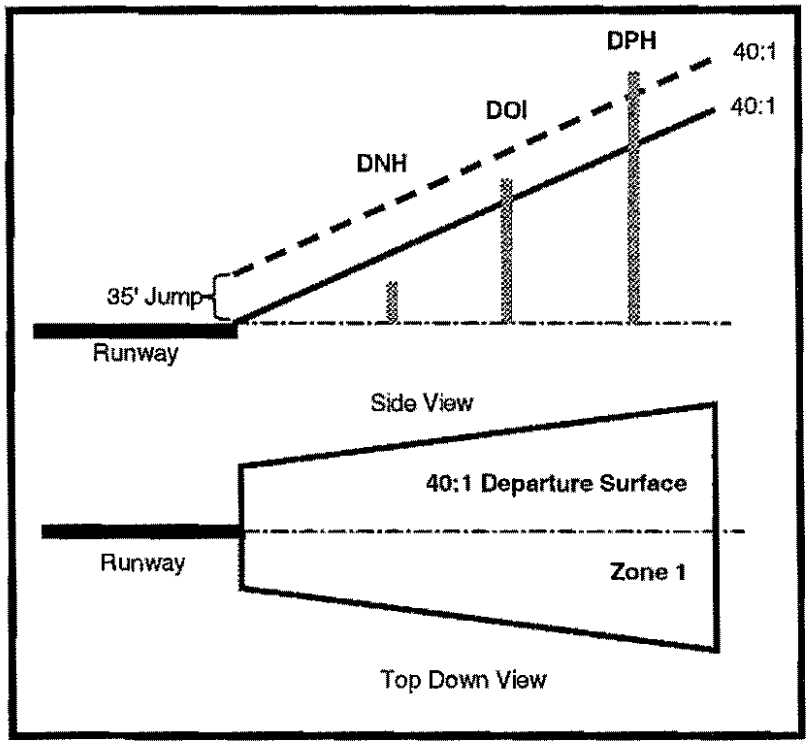
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1416	294	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
879.4	35.4 / 671.4	inside surface	NO, by -3.4	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4276

Print Page

RETURN to Main ATC Page

IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

NO effect, PPO

ASN: 2004-ASW-4282-OE
10/26/2004 8:25:52 AM[CIV]

Obstruction Evaluation

Lat: 32-57-22.94		SE:	629
Long: 96-49-47.64		AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	667

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 10 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Dist THD
2025
359

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,253.00
	Long: 96-49-56.627	App/Opp: P/P	PD: 359.00
	Elev: 636	Width: 100	DD: 1,303.00
	Len: 7202	Heading: 340	Side: Right

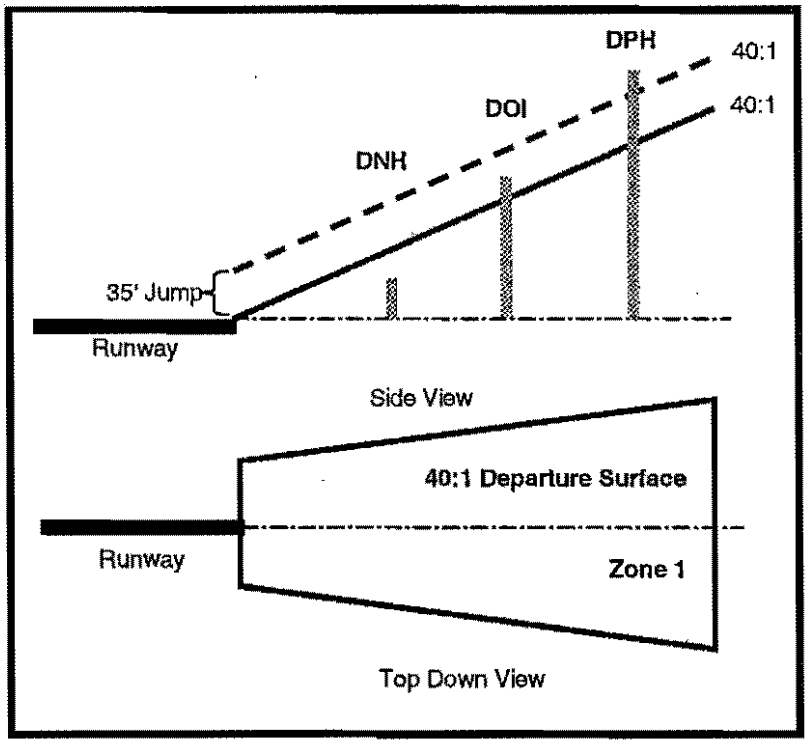
Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1338	328	636	630	38	668

OUTPUT DATA Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
858.5	33.45 669.45	inside surface	NO, by -1.45	DNH



Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4281

Print Page

RETURN to Main ATC Page

IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4283-OE
10/26/2004 8:41:33 AM[CIV]

Obstruction Evaluation

Lat: 32-57-23.83	SE:	629
Long: 96-49-47.62	AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	667

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 19 ft ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 19ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 12 ft
FAR 77.25(e)	DNE transition surface

Military surfaces have not been evaluated

Dupl THD
1963
385

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,169.00
	Long: 96-49-56.627	App/Opp: P/P	PD: 391.00
	Elev: 636	Width: 100	DD: 1,233.00
	Len: 7202	Heading: 340	Side: Right

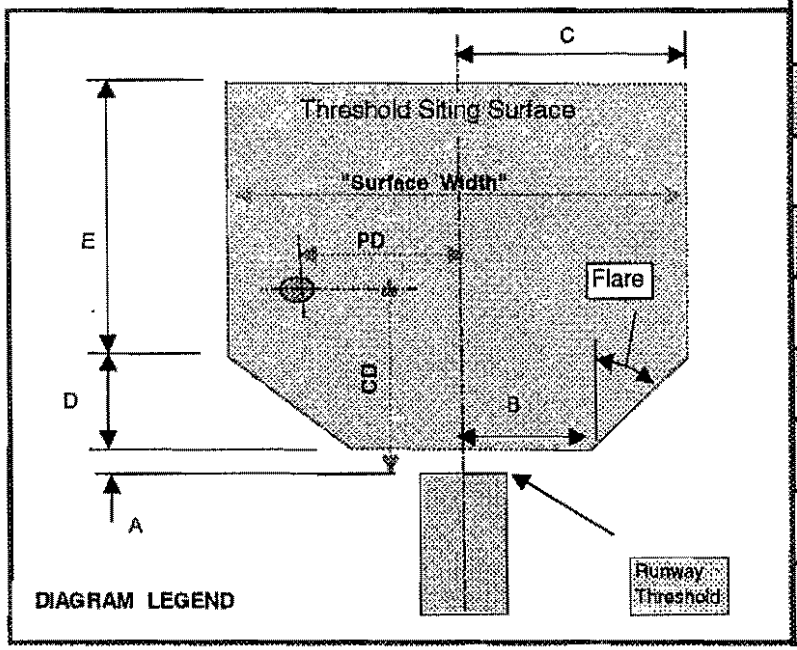
Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

INPUT DATA

Object & Runway Data

OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1169	391	636	629	38	667



DATA RESULTS

Threshold Siting Surface

View Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Does the Object Penetrate the Threshold Siting Surface?	Amount of Threshold Displacement Required (in feet)
	a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 15:1	not in surface		#VALUE!	
	b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	c	Surface Width @ CD	867.6	694.5	no, by	
		Surface Height @ 20:1	68.5		-27.45	
	d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	e	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
		Surface Height @ 20:1	not in surface		#VALUE!	
	f	Surface Width @ CD	1090.7	684.5	no, by	#VALUE!
		Surface Height @ 20:1	46.5		#VALUE!	
	g	Surface Width @ CD	1090.7	684.5	no, by	
		Surface Height @ 20:1	48.5		-17.45	
	h	Surface Width @ CD	1090.7	664.5	YES, by	85
		Surface Height @ 34:1	28.5		3	
	I	CAT II or Greater	CLICK Button to the Left to access TERPS Approach Surface Worksheet			

Print Page | Worksheet Help | AC 150/5300-13 Text | Dimensional Standards | RETURN to Main ATC Page

Airport Name:	Addison Municipal Airport
Project Description:	Establish Light Poles
Airspace Number:	4283

Threshold Siting Tool - Version 8.01
Calculations IAW AC 150/5300-13, Airport Design, Change 8

ASN: 2004-ASW-4284-OE
10/26/2004 8:48:17 AM[CIV]

Obstruction Evaluation

Lat: 32-57-21.54		SE:	630
Long: 96-49-46.92		AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	668

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 8ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 8ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 8 ft
FAR 77.25(e)	DNE transition surface

Military surfaces have not been evaluated

Disp 1HD

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,407.00	2179
	Long: 96-49-56.627	App/Opp: P/P	PD: 368.00	363
	Elev: 636	Width: 100	DD: 1,454.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

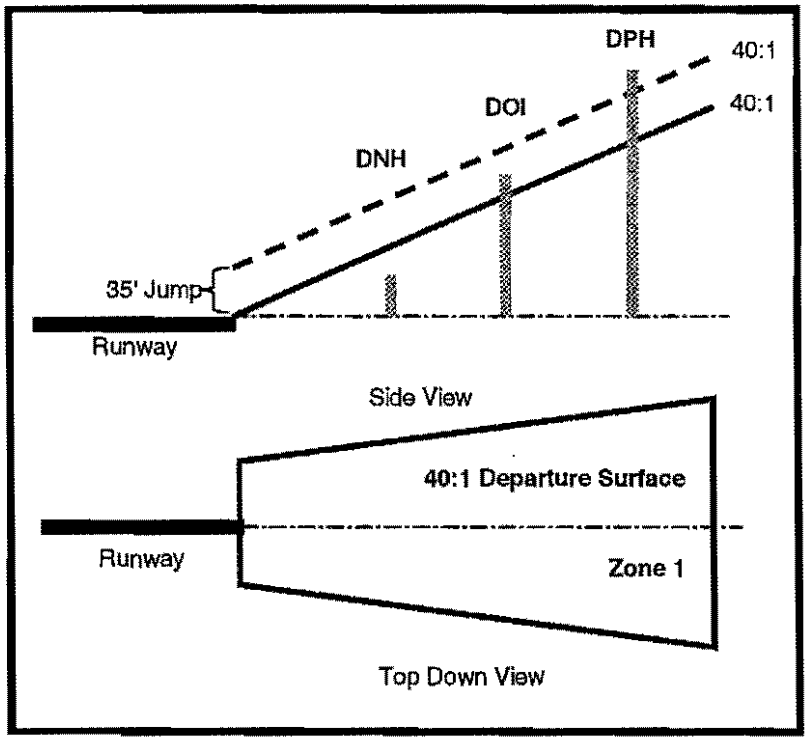
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1169	391	636	629	38	667



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (In feet)	Object Analysis Determination
813.2	29,225 / 665,225	Inside surface	YES, by 1,775	DOI

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4283

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4285-OE
10/26/2004 8:58:56 AM[CIV]

Obstruction Evaluation

Lat: 32-57-21.88	SE:	630
Long: 96-49-46.74	AGL:	42
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	672

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 12ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 12ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 12ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 12ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 12 ft
FAR 77.25(e)	DNE transition surface

Military surfaces have not been evaluated

DUAL THD

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,380.00	2152
	Long: 96-49-56.627	App/Opp: P/P	PD: 394.00	389
	Elev: 636	Width: 100	DD: 1,435.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

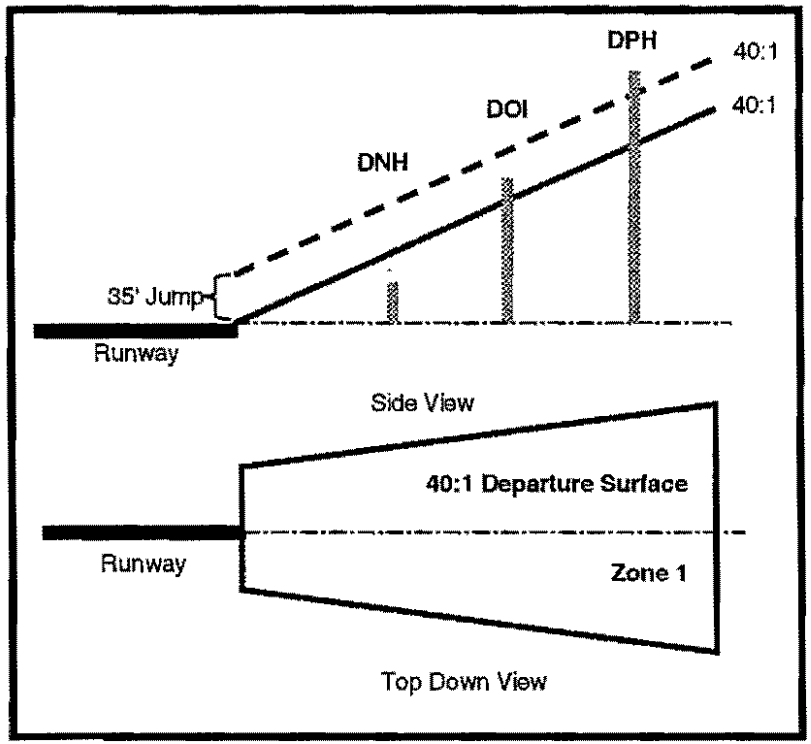
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1407	368	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
877.0	35.175 671.175	Inside surface	NO, by -3.175	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4284

IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

Print Page

RETURN to Main ATC Page

NO effect

ASN: 2004-ASW-4286-OE
10/26/2004 9:04:43 AM[CIV]

Obstruction Evaluation

Lat: 32-57-22.43	SE:	630
Long: 96-49-46.91	AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	668

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 18ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 9ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 9ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 10 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,323.00	2095
	Long: 96-49-56.627	App/Opp: P/P	PD: 400.00	399
	Elev: 636	Width: 100	DD: 1,382.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

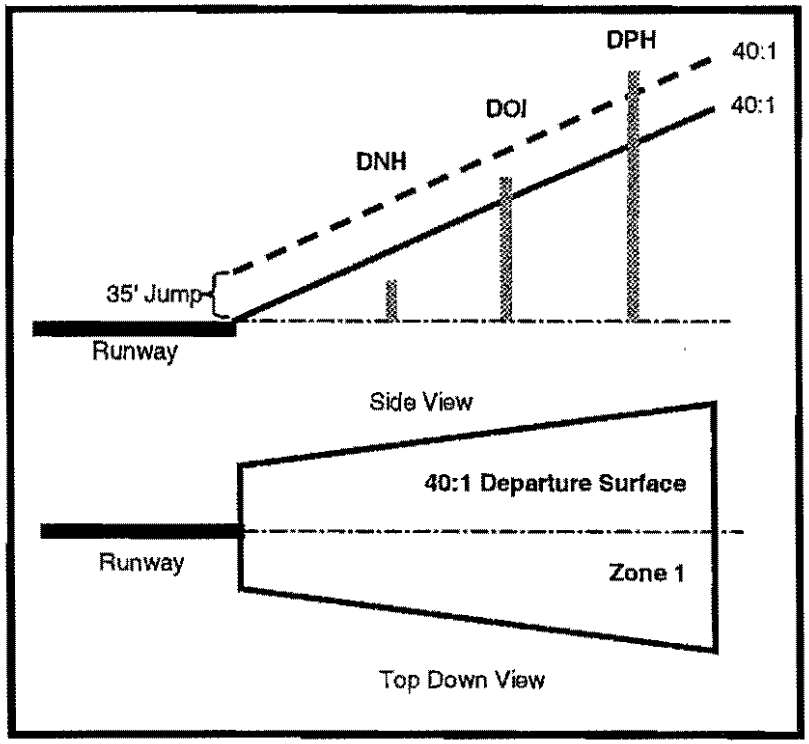
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
2152	389	636	629	38	667



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (In feet)	Object Analysis Determination
1076.6	53.8 / 689.8	Inside surface	NO, by -22.8	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4285 Displaced

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4287-OE
10/26/2004 9:10:19 AM[CIV]

Obstruction Evaluation

Lat: 32-57-23.19	SE:	629
Long: 96-49-46.83	AGL:	42
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	671

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22 ft
	U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22ft
	U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 12ft
	ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 12ft
	ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 12ft
	U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 12ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 14 ft
FAR 77.25(e)	DNE transition surface

Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,253.00	2025
	Long: 96-49-56.627	App/Opp: P/P	PD: 432.00	427
	Elev: 636	Width: 100	DD: 1,325.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

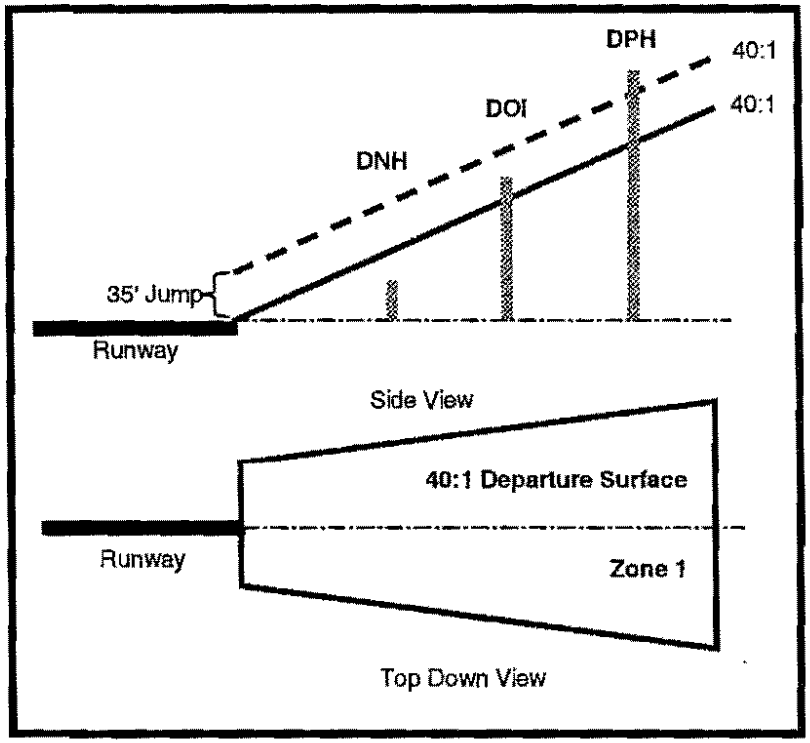
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1323	400	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface Height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
854.5	33.075 669.075	Inside surface	NO, by -1.075	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles
Airspace Number:	4286

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RETURN to Main ATC Page

IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4288-OE
10/26/2004 9:21:56 AM[CIV]

Obstruction Evaluation

Lat: 32-57-24.69	SE:	629
Long: 96-49-47.62	AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	667

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 20 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 20ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 10ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 10ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 10ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 10ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 13 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,087.00	1860
	Long: 96-49-56.627	App/Opp: P/P	PD: 421.00	417
	Elev: 636	Width: 100	DD: 1,166.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

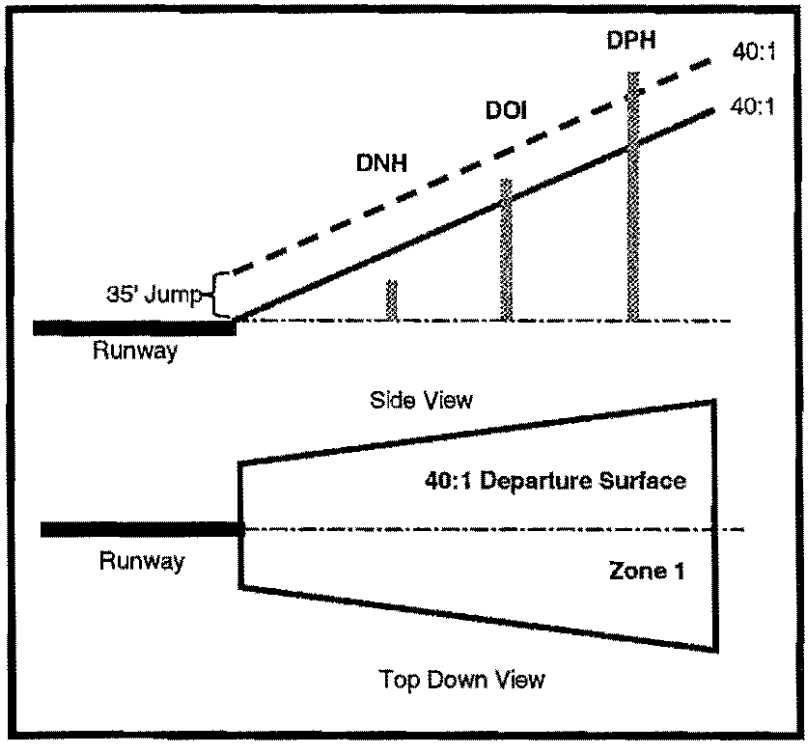
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
2024	427	636	629	42	671



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
1042.3	50.6 / 686.6	inside surface	NO, by -15.6	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4287 Displaced

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4289-OE
10/26/2004 9:25:17 AM[CIV]

Obstruction Evaluation

Lat: 32-57-25.66	SE:	629
Long: 96-49-47.62	AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	667

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 20 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 20ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 11ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 11ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 11ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 11ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 15 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 995.00	1768
	Long: 96-49-56.627	App/Opp: P/P	PD: 454.00	451
	Elev: 636	Width: 100	DD: 1,094.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

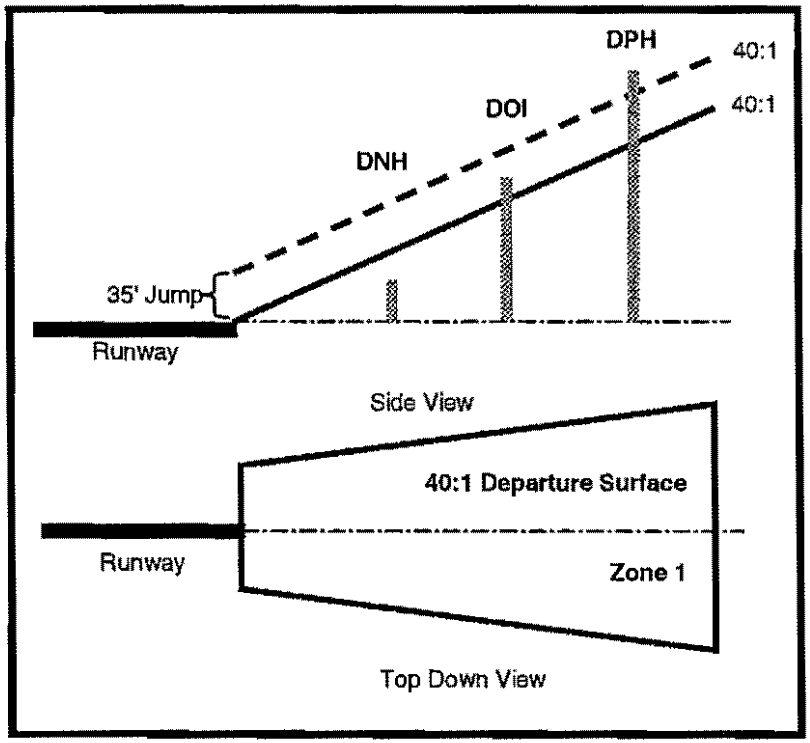
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1860	417	636	629	38	667



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (In feet)	Object Analysis Determination
998.4	46.5 / 682.5	Inside surface	NO, by -15.5	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4288 Displaced

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4290-OE
10/26/2004 9:29:04 AM[CIV]

Obstruction Evaluation

Lat: 32-57-26.62		SE:	630
Long: 96-49-47.63		AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	668

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 22ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 13ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 13ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 13ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 13ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 18 ft
FAR 77.25(e)	DNE transition surface

Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 904.00	1677
	Long: 96-49-56.627	App/Opp: P/P	PD: 487.00	483
	Elev: 636	Width: 100	DD: 1,027.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

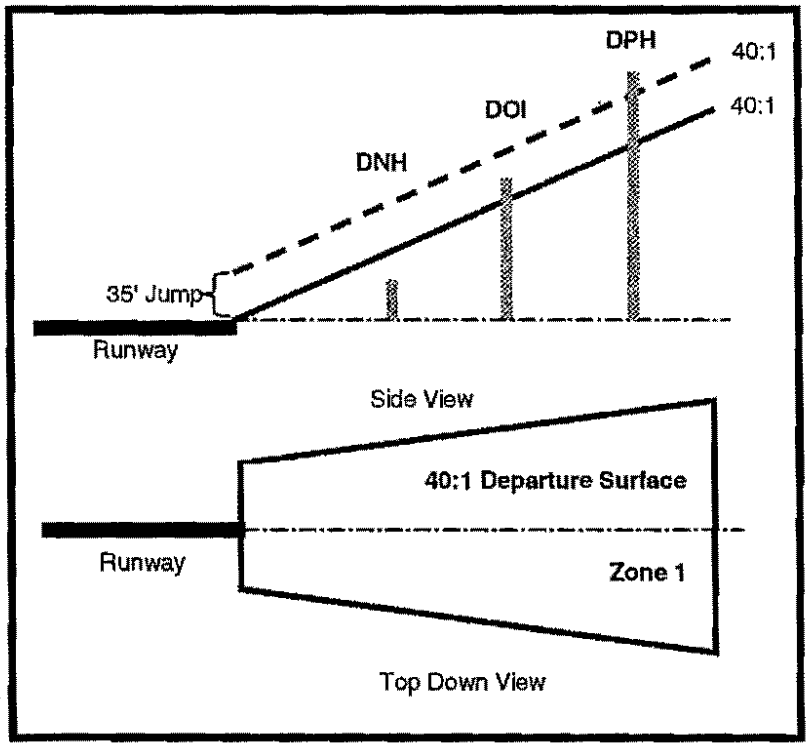
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1768	451	636	629	38	667



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
973.7	44.2 680.2	Inside surface	NO, by -13.2	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4289 Displaced

IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

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ASN: 2004-ASW-4292-OE
10/26/2004 9:36:00 AM[CIV]

Obstruction Evaluation

Lat: 32-57-24.80	SE:	629
Long: 96-49-46.83	AGL:	42
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	671

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 23 ft
	U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 23ft
	U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 14ft
	ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 14ft
	ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 14ft
	U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 14ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 17 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,100.00	1873
	Long: 96-49-56.627	App/Opp: P/P	PD: 488.00	484
	Elev: 636	Width: 100	DD: 1,203.00	
	Len: 7202	Heading: 340	Side: Right	

Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

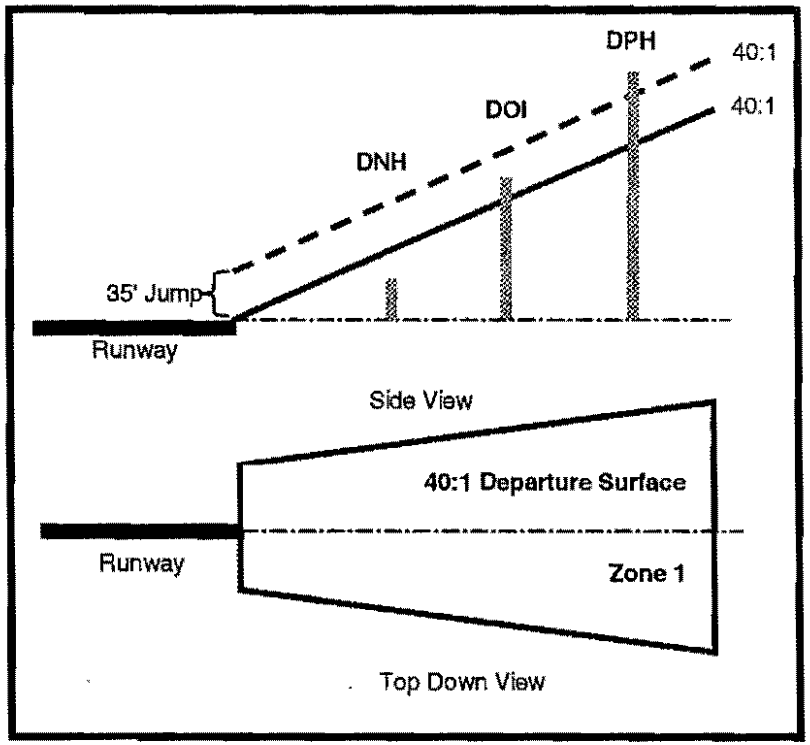
Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA

Object & Runway Data

OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1591	487	636	630	38	668



OUTPUT DATA

Departure Obstacle Clearance Surface

Departure Surface 1/2 Width @ CD, in feet	Departure Surface Height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (In feet)	Object Analysis Determination
926.3	39.775 675.775	Inside surface	NO, by -7.775	DNH

Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4291 Displaced

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4293-OE
10/26/2004 9:39:16 AM[CIV]

Obstruction Evaluation

Lat: 32-57-25.71		SE:	629
Long: 96-49-46.82		AGL:	42
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.		AMSL:	671

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 24 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 24ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 15ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 15ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 15ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 15ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 19 ft ADS[CURRENT] - RWY 33D[PENDING]: approach surface ---> Exceeds by 1 ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE]: approach surface ---> Exceeds by 1 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 1,014.00	1787
	Long: 96-49-56.627	App/Opp: P/P	PD: 520.00	516
	Elev: 636	Width: 100	DD: 1,140.00	
	Len: 7202	Heading: 340	Side: Right	

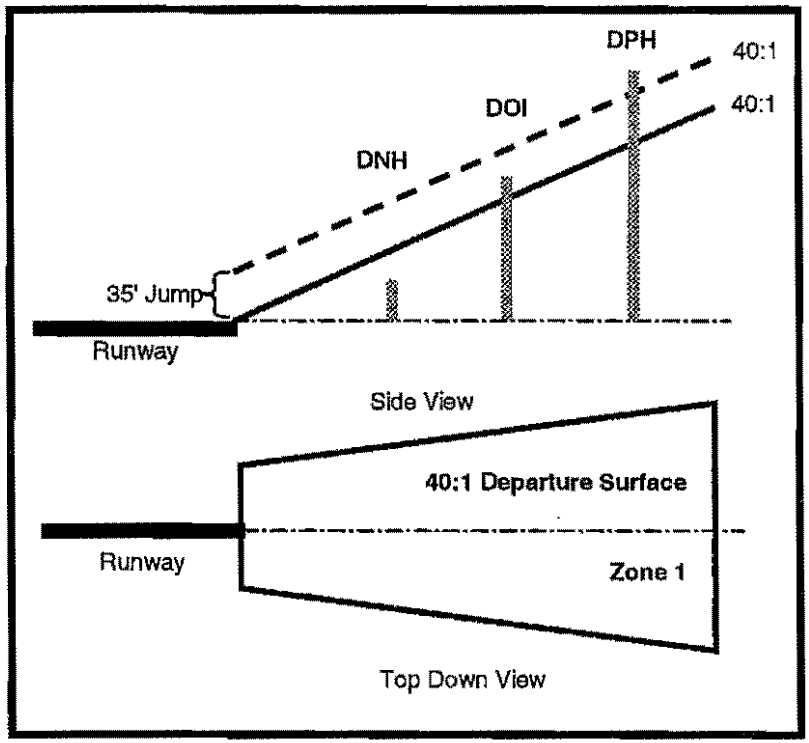
Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA					
Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1873	484	636	629	42	671

OUTPUT DATA				
Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (In feet)	Object Analysis Determination
1001.9	46.825 / 682.825	Inside surface	NO, by -11.825	DNH



Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4292 Displaced

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IAW FAA Order 6260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

ASN: 2004-ASW-4294-OE
10/26/2004 9:42:39 AM[CIV]

Obstruction Evaluation

Lat: 32-57-25.93	SE:	629
Long: 96-49-46.80	AGL:	38
Case information in NAD 83 datum. Part 77 results use NAD 83 datum.	AMSL:	667

Notice Criteria

FAR 77.13(a)(1)	NNR (does not exceed 200 ft AGL)
FAR 77.13(a)(2)	ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 20 ft U_ADS[CURRENT] - RWY 33[CURRENT] ---> Exceeds by 20ft U_ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 11ft ADS[CURRENT] - RWY 33D[PENDING] ---> Exceeds by 11ft ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 11ft U_ADS[CURRENT] - RWY 33D[ORIGINAL_SAVE] ---> Exceeds by 11ft
FAR 77.13(a)(3)	Not a traverseway
FAR 77.13(a)(5)	NNR (not on an airport)

Obstruction Standards

FAR 77.23(a)(1)	DNE 500 ft AGL
FAR 77.23(a)(2)	Does not apply
FAR 77.25(a)	DNE horizontal
FAR 77.25(b)	DNE conical
FAR 77.25(c)	Outside primary area
FAR 77.25(d)	ADS[CURRENT] - RWY 33[CURRENT]: approach surface ---> Exceeds by 15 ft
FAR 77.25(e)	DNE transition surface
	Military surfaces have not been evaluated

Closest Runway Data

RWY - 33	Lat: 32-57-33.3765	Type: O	CD: 994.00	1766
	Long: 96-49-56.627	App/Opp: P/P	PD: 529.00	526
	Elev: 636	Width: 100	DD: 1,126.00	
	Len: 7202	Heading: 340	Side: Right	

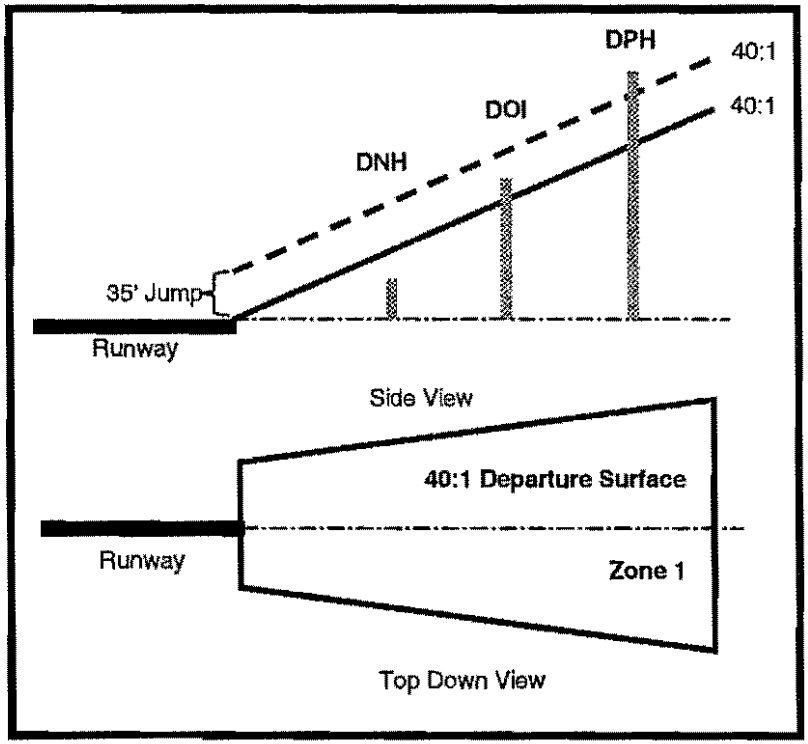
Distances: CD = Along centerline from threshold
PD = Perpendicular to centerline
DD = Direct from threshold

Print Close

Departure Obstacle Clearance Surface & Object Analysis Worksheet

INPUT DATA					
Object & Runway Data					
OBJECT Distance from Departure End of Runway (CD)	OBJECT Distance from RW Center Line (PD)	Departure End of Runway Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)
1787	516	636	629	42	671

OUTPUT DATA				
Departure Obstacle Clearance Surface				
Departure Surface 1/2 Width @ CD, in feet	Departure Surface height @ CD/PD (AGL) / (AMSL) in feet	Object Location	Does Object Penetrate the Departure Surface ? (in feet)	Object Analysis Determination
978.8	44.675 / 680.675	inside surface	NO, by -9.675	DNH



Airport Name:	Addison Municipal
Project Description:	Light Poles - Displaced Threshold
Airspace Number:	4293 Displaced

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IAW FAA Order 8260.3B, TERPS, Chapter 12, Departure Procedures
&
FAA Airports Obstruction Standards Committee (AOSC) Decision #2

November 08 - November 14

November 2004

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December 2004

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Monday, November 08

10:30am 11:30am Public Works Web page (Addison Service Center - first floor)
1:00pm 3:30pm meeting with FAA (FAA Regional Office)
4:00pm 5:00pm GIS (My office)

Tuesday, November 09

Town Council
9:00am 10:00am Updated: The Addison of Brookhaven Water Replacement Mtg. with Teague Nall & Perkins (Service Center)
10:00am 11:00am Updated: Arapaho Rd., Ph. III Construction Status Meeting (Archer Western Trailer-Surveyor & Arapaho Rd.)
11:30am 1:00pm lunch with mike p (tbd)
4:00pm 5:00pm GIS (My office)

Wednesday, November 10

8:00am 9:30am - Employee Meetings (Addison Conference Centre)
1:30pm 2:30pm Engineering Design QA/QC (Svc Center)
4:00pm 5:00pm GIS (My office)
5:00pm 6:00pm Happy Hour - blue mesa

Thursday, November 11

9:00am 10:00am Arapaho/Explorer Pipeline (Fire Sta #1)
4:00pm 5:00pm GIS (My office)

Friday, November 12

7:30am 9:00am chamer breakfast
4:00pm 5:00pm GIS (My office)

Saturday, November 13

12:00pm 1:00pm toastmasters

Sunday, November 14

PROJECT LIST/STATUS
ADDISON PUBLIC WORKS DEPARTMENT

Project	Status
CMAQ, Project 12 Jack Loggins Dallas County Public Works Steve Chutchian	R.O.W. acquisition is underway by County. Bid advertisement scheduled for Spring 2005.
Midway Rd. Rehabilitation Bruce Grantham Grantham & Associates, Inc. Steve Chutchian	Final design and construction phasing report is completed. Programming for construction delayed until 2006. Pavement jacking is underway on certain concrete panels within limits of project. $750,000 remains budgeted for additional improvements.
Addison Rd. Widening Birkhoff, Hendricks & Conway-John Birkhoff Steve Chutchian Jenny Nicewander	Final design nearing completion. Easement acquisition is complete. Utility relocation efforts underway. Street & pedestrian light spacing has been incorporated into the final plans. Project will be bid in winter 2005. FAA has revised ruling on power pole heights. TXU Electric has been directed to proceed with ordering poles.
Dallas County CIP Don Holzwarth Dallas County Steve Chutchian Jenny Nicewander	Master Interlocal Agreement approved by Dallas County in July 2002. Supplemental agreement for Arapaho Rd. project approved by County Commissioners in Oct. 2002. Public Works staff prepared and subsequently submitted an application for funding to County for Belt Line Rd. The project received a high ranking on preliminary evaluation. The project list is as follows:

Approved Projects	Funding Year
Arapaho Rd. Construction	2004
Midway Rd. Signalization	2005
Belt Line Rd. SPUI	2005
Pending Applications	**Funding Year**
Belt Line Rd. Construction	2008

The Town requested, and the County approved an additional $100,000 grant added to the Midway Rd. project to help pay for video detection on Belt Line Rd. Arapaho Rd. funds have been received from the County.

Addison Airport Part 150 Noise Study and Master Plan Update Coffman & Associates Jim Pierce	Both projects completed. Addendums to Master Plan include Pavement Evaluation and Obstruction Survey. The computer generated obstruction survey has been submitted to FAA for review. Obstruction field survey complete. Part 150 has been accepted by FAA.
Airport Drainage Instrumentation Project URS Greiner Jim Pierce	Plans & Specifications are 95% complete. Issues with FAA remain. Project on hold. This project will expand the safety area at the north end of the airport.
Arapaho Rd., Phase III Jerry Holder HNTB Corporation Steve Chutchian Jenny Nicewander	Agreement with DWU was recently approved by Dallas. Construction is underway throughout the project limits. Utility relocation efforts will continue into the construction of the project. TXU is behind on their relocation efforts. SBC agreement for utility relocation was approved by Council.
Lindbergh/Bankston Drainage Bruce Grantham Grantham & Assoc., Inc. Steve Chutchian	Inter-local agreement between Explorer Pipeline and the Town approved by Council. Grantham is working on design revisions with DART in order to obtain approval. One drainage easement must be acquired from Bankston. DART must review latest submittal from Grantham.
Arts & Events District Improvements Carmen Moran Steve Chutchian	Construction is substantially completed. Jim Duffy is designated project manager over all improvements, including construction inspection. The contractor has notified the Town that they are not willing to reconstruct Festival Way. Town is currently determining legal options and has met with the bonding company representative.
Spectrum Drive-North & South Extensions Steve Chutchian Jenny Nicewander	Construction is complete. Mels Electric notified the Town that street and pedestrian lights will be delivered in late November 2004. Power for lights, irrigation, and signals has been established by TXU. Final payment for street project was approved on Oct. 26th.
Railroad Crossing Quiet Zones Steve Chutchian Jenny Nicewander	DART Lap money has been approved. Project on hold. Town applied for Railroad Reliability Grant from COG for additional crossing gates, and the request was approved. An agreement between the Town and TxDot will be prepared by the Austin office of TxDot soon. Funding issues have been resolved. TxDot has requested a scope of work from the Town prior to completion of agreement.

Standard Engineering Services Agreement Steve Chutchian Jenny Nicewander John Hill	• Project to establish a standard agreement to be initiated by staff & reviewed by City Attorney. A "go-by" will be sent to John Hill soon.
Town-wide Signal Upgrades Jim Pierce Robin Jones Jenny Nicewander	• Town worked with Kimley-Horn, Inc. to complete a design proposal to perform both the County and TxDot funded improvements. TxDot approval was obtained. Design is underway.
Keller Springs Widening (Tunnel to Addison Rd.) Steve Chutchian Jenny Nicewander	• Town trying to work with NTTA to develop an inter-local agreement to perform design and construction efforts for construction of roadway improvements, from the Tunnel to Quorum Drive. NTTA has prepared design and construction cost estimates for the project. The agreement is under review by the NTTA executive board.
Talisker Apartments Water Line Improvements Steve Chutchian Jenny Nicewander	• Construction underway and is anticipated to be completed by mid-November 2004.
Westfield Court Service Line Replacement Steve Chutchian Jerry Davis Jenny Nicewander	• Low bidder was Davis Excavation, in the amount of $59,225.00. Council approved award of contract on September 28, 2004. Construction is approximately 70% complete.
Air Traffic Control Tower Jim Pierce	• Construction of new control tower is underway.
Water System Vulnerability Assessment Jim Pierce	• Study is complete and has been submitted to EPA. Any changes needed to the Emergency Response Plan must now be evaluated.
Airport Fuel Farm Jim Pierce	• ~~Design contract signed with Washington Infrastructure.~~ Design ~~underway~~ complete
GIS Mapping Jenny Nicewander Jim Pierce	• Progress underway. Update meeting was held on 9/1/04. Training is completed. COG was approached regarding a timeline.

ask airport council

2 ft. Contour Maps Jim Pierce Jenny Nicewander	Proposal needed from NCTCOG. to clean up
Belt Line Road Resurfacing Steve Chutchian Jenny Nicewander	Construction is underway. Asphalt has been placed on a substantial portion of the east bound lanes. Most of the concrete milling is completed. The project has a mid-November completion schedule. - mill & asphalt ext intersection passes rough midway, Quorum, Addison mill off 1" and repave
Belt Line Road/Dallas Pkwy. Intersection Improvements Jim Pierce Steve Chutchian Jenny Nicewander	Carter & Burgess, Inc. is working on a scope and fee proposal for submittal to Dallas County. Design will be coordinated with Belt Line Rd. streetscape study.
Airport Beacon Relocation Jim Pierce Jenny Nicewander	Project under development.
Sanitary Sewer Sampling Manholes Steve Chutchian	Project in final design stage. Standard Town construction documents and specifications forwarded to Engineer. Final plans under review. Specifications should be submitted for review soon. Engineer submitted plans and specifications to DWU in October 2004 for review and approval.
Electrification of "T" Hangers Jim Pierce	Design underway.
Fuel Truck Rd. Extension Jim Pierce Steve Chutchian Jenny Nicewander	Design and bidding of a southerly extension of the Fuel Truck access road will be performed for construction in 2005.
Richard Byrd Reconstruction, Phase II Steve Chutchian Jenny Nicewander	Design proposal is being prepared by HNTB Corporation.
Other Bond Items Mike Murphy	Pending Projects.

ADDISON @ BROOKHAVEN W.L. replacement

PROJECT UPDATE

ARAPAHO ROAD
Town of Addison
November 3, 2004

To: **Jenny Nicewander**

From: **Kelly Dlouhy - HNTB**

Subject: **Project Update**

The Town of Addison is constructing Arapaho Road from Addison Road to Surveyor Blvd., a distance of approximately one mile. This is a new location roadway. HNTB is providing construction management services to the Town. On October 26, 2004, the contractor discovered railroad (RR) ties about 5 ft underground in two locations. The following is an update of the project since water and soil samples were taken at the site on October 28, 2004.

PROJECT UPDATE

Most sites in Texas, except a few under federal regulations, fall under the Texas Risk Reduction Program (TRRP). The site associated with Arapaho is under the authority of TRRP. Associated with TRRP are media specific Protective Concentration Levels (PCLs). Sites have to be assessed to and cleaned up to these PCLs. Specifically with the Arapaho site, one of the suspected chemicals of concern (COC) is creosote whose derivatives include cresols, phenols, and naphthalene.

Samples were taken at the site for analysis of semi-volatile organic compounds (SVOC), volatile organic compounds (VOC), total petroleum hydrocarbons (TPH), and RCRA 8 metals. This type of analysis will insure that the Texas Commission on Environmental Quality (TCEQ) will be satisfied that all possible COCs were identified. SVOCs generally indicate chemicals like oils, VOC indicate chemicals like gas and solvent components, RCRA metals analyze for arsenic, lead, chromium, barium, silver, cadmium, mercury, and selenium. TPH indicates the total amount of petroleum hydrocarbons and is generally used to determine which sample should be used for SOV analysis. If the analytical results indicate that concentrations of some COCs are above the PCL, the particular media will have to be cleaned to concentrations below the PCL. The samples were submitted on standard turn around time. Results should be received before the week's end (November 5th).

If the samples indicate COCs above the PCL, the excavated soil will have to be disposed of in an appropriate landfill. By over excavating the site, the soil would be "cleaned up" to the regulatory levels. Samples will need to be submitted at the limits of the excavation to show that the COCs are below the PCLs. The vertical limit of the pits is weathered limestone. Following the receipt of the analytical results, vertical

delineation might have to be determined on the limestone (bedrock) to insure the COCs will not migrate to another water bearing zone.

The soils at these locations are extremely tight black clay. Groundwater was present in the pits as a result of the debris which created huge pore spaces. The groundwater will need to be assessed to determine if any groundwater is present in the natural formation. Depending on the results, assessment and possible monitoring/cleanup will be necessary. If groundwater is present, one issue to be addressed is the storm sewer drains that would traverse the location of the pits. The storm sewer provides conduit for contamination if groundwater enters the system.

An important potential issue is the disposal cost of the soil. Pending the analytical results, the waste will need to be profiled and the appropriate landfill contacted. Since additional samples have not been taken, the plume size has not been determined. The size of the plume will be used to calculate yardage and associated landfill cost. Assuming the worst, areas with concentrations above the PCL will need to be identified and cleaned up (i.e. excavated).

SAMPLING UPDATE

Soil and water samples were taken at the project site on Thursday, October 28th. Initial analyses were run on these samples to identify the contaminants. Additional tests are necessary to obtain a complete profile of the samples. These analyses would consist of SVOC, VOC, and RCRA 8 Metals. These tests are required to profile potential contaminants for the landfill. The goal is to minimize the analytical costs but still satisfy the landfill requirements. By running these preliminary tests now, the removal/disposal of the potential contaminants would be accelerated. The following are the sampling costs as of today:

$3,800.75	Cost for initial assessment samples (test ordered, results expected soon)
$663.00	Cost of profiling for the landfill (these tests have not been ordered)
$4,463.75	Total
- $892.75	If the Town of Addison pays within 30 days
$3,571.00	

The landfill may require additional analysis if site is over excavated. You will be notified of additional landfill requirements if needed.

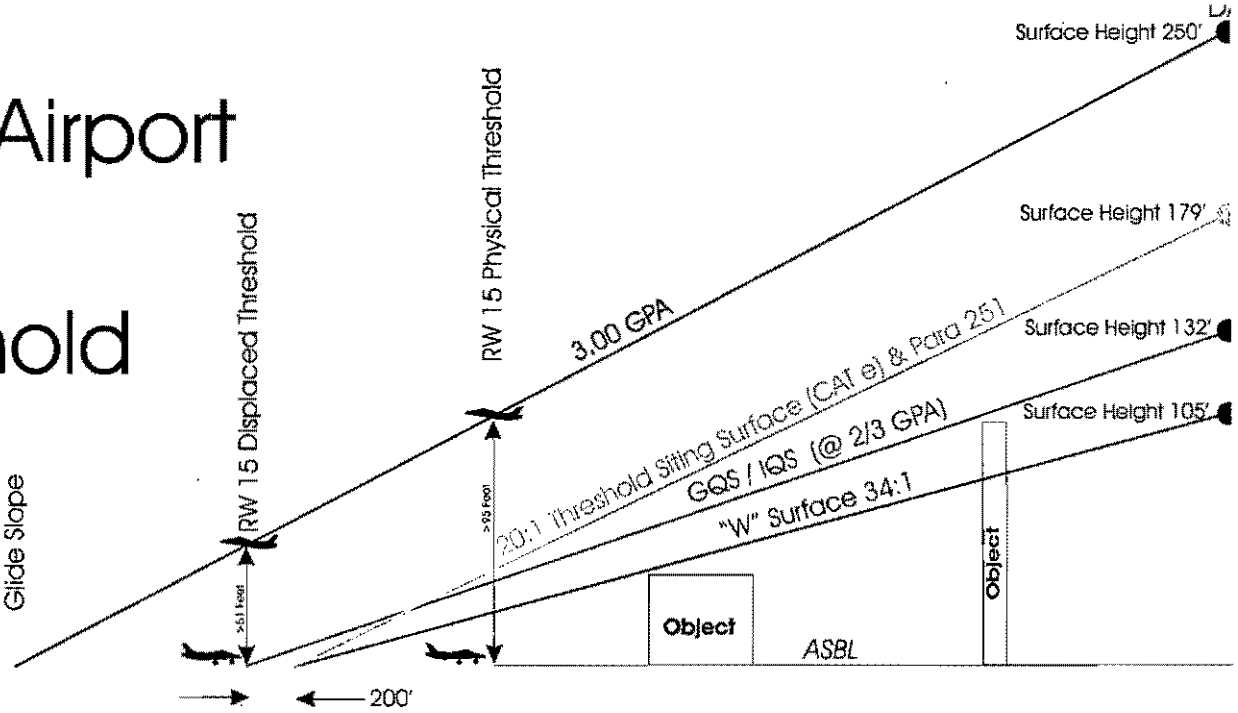
The Town of Addison can receive a discount on the cost of the samples. Payment within 30 days would receive a 20% discount from Anachem on the invoice total. Payment within 45 days would receive a 15% discount from Anachem on the invoice total. Please contact Perry Dunlap at 972-727-9003 for proper payment and invoicing.

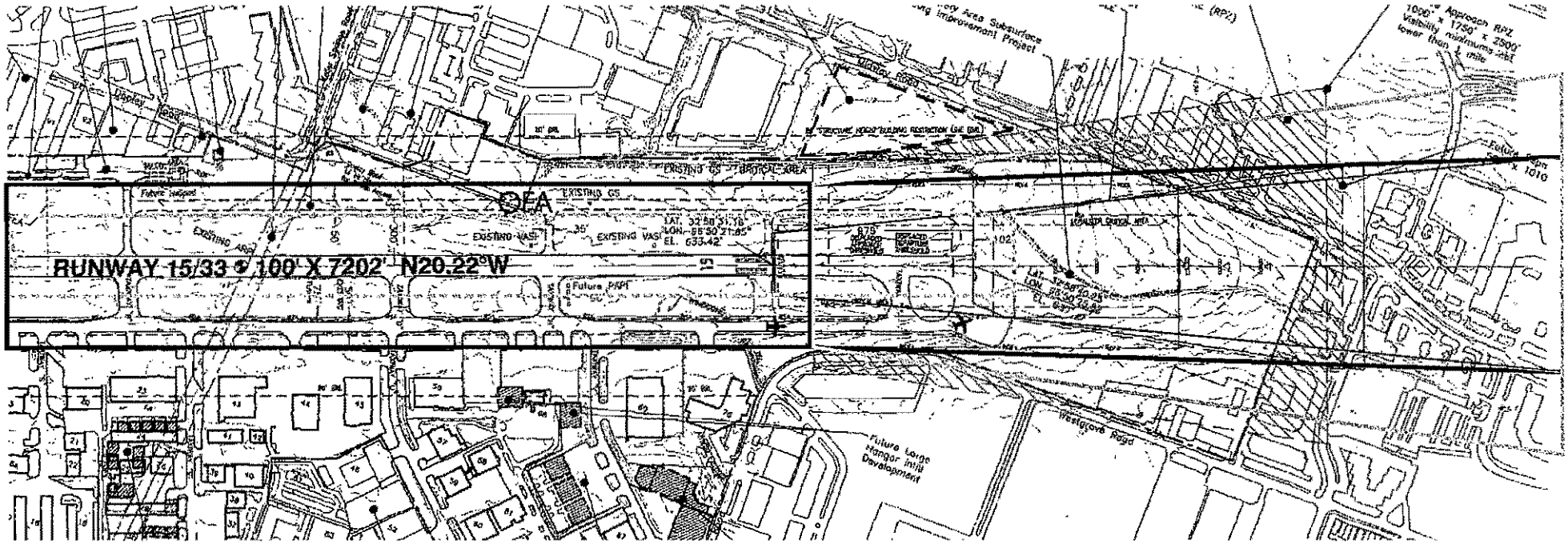
ACTION ITEMS:

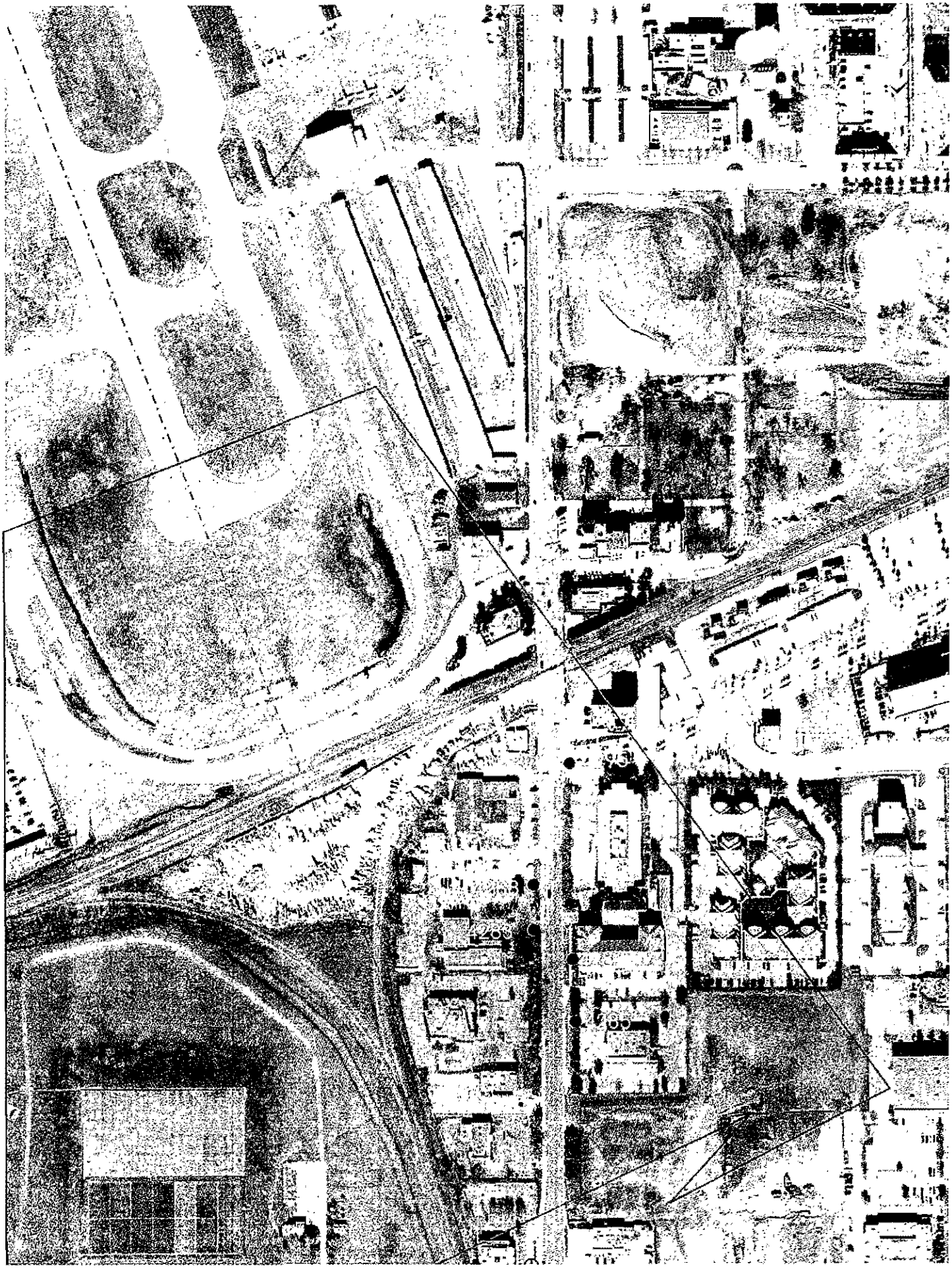
Authorization from the Town of Addison for Anachem to run samples to profile potential contaminants for the landfill.

ARAPAHO ROAD, MARSH LANE TO ADDISON ROAD	
Project Budget	Project #
Description	Amount
Bond Funds	$20,500,000
County funds	$1,432,812
Dart Lap	$2,363,878
Addison Road/Excel	$230,000
Midway Road	$2,650,000
Transfer from Dart Lap Quiet Zone fund	$373,000
Addison Road Dart Lap	$1,000,000
total available funds	$28,549,690
Phase II, Marsh to Surveyor	
Sub Total	$4,233,889
Phase III, Surveyor to Addison Road	
ROW analysis	$44,977
HNTB Design Fee	$1,046,679
Evaluation Associates	$39,000
HNTB Urban Design (streetscape)	$51,000
HNTB Landscape Architecture	$87,291
Gensler lighting	$13,000
Metro Brick Parcel #1	$95,150
Joe's Auto Body Parcel #2	$173,202
Union Pacific Railway Company Parcel #3	$1,204,217
The City of Dallas Parcel #4	$13,018
Heritage Inn Parcel #5	$60,869
Motel 6 Parcel #6	$332,795
Charter Furniture Parcel #7	$166,446
Gary Crouch/MBNA Parcel #8	$225,000
John Wilson Parcel #9	$58,921
Harbour Group Parcel #10	$29,768
Dale Bullough/Metrocrest 1 Parcel #11	$29,357
Public Storage of Dallas, Ltd. Parcel #12	$1,583,210
Public Storage of Dallas, Ltd. Parcel #13	included in #12
Audit and Legal Fees	$125,000
Bridge Design	$550,965
roadway improvements	$4,947,345
Utility improvements	$3,741,304
Lighting and Signalization Improvements	$614,221
ONCOR Utility Relocation	$282,000
SBC Utility Relocation	**$39,000**
Streetscape Improvements	$1,129,911
Bridge Construction	$5,255,580
Bridge Lighting	$709,872
Bridge Design Stipend	$30,000
URS bridge concept meeting	$19,570
Wye Track Crossing Fee	$2,500
Environmental reports	$7,210
Hipes & Associates	$40,365
Pat Haggerty	$2,805
Evaluation Associates	$21,750
Bridge Pre-Submittal meeting @ Stone Cottage	$706
Alternate #1	$343,446
Alternate #2	$31,100
Total, Phase III	$23,086,349
Total Expenses	$27,320,238
Total over/under budget	$1,229,452
SBC	

Addison Municipal Airport with Displaced Threshold

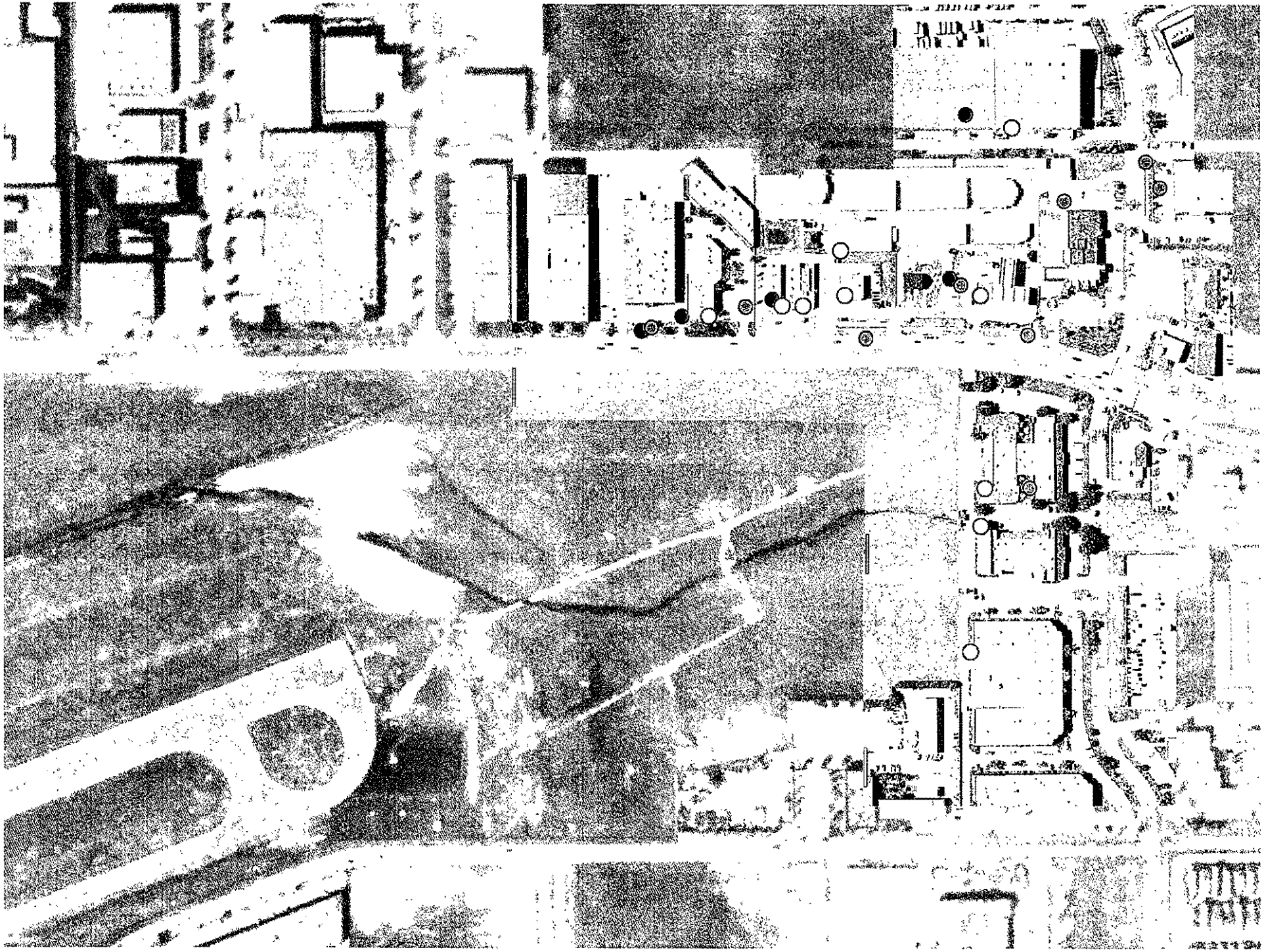


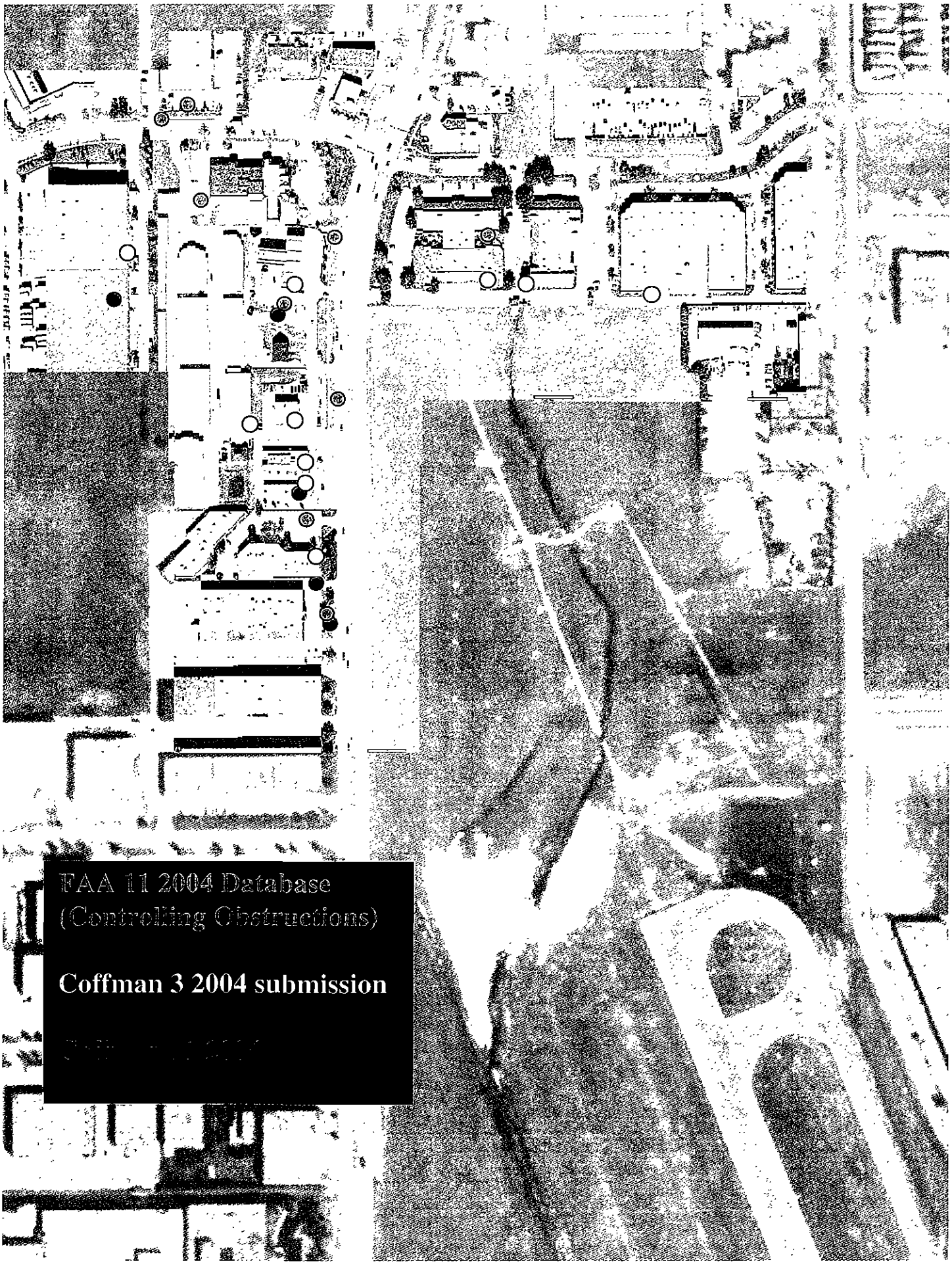




Runway 15
Feasibility Analysis

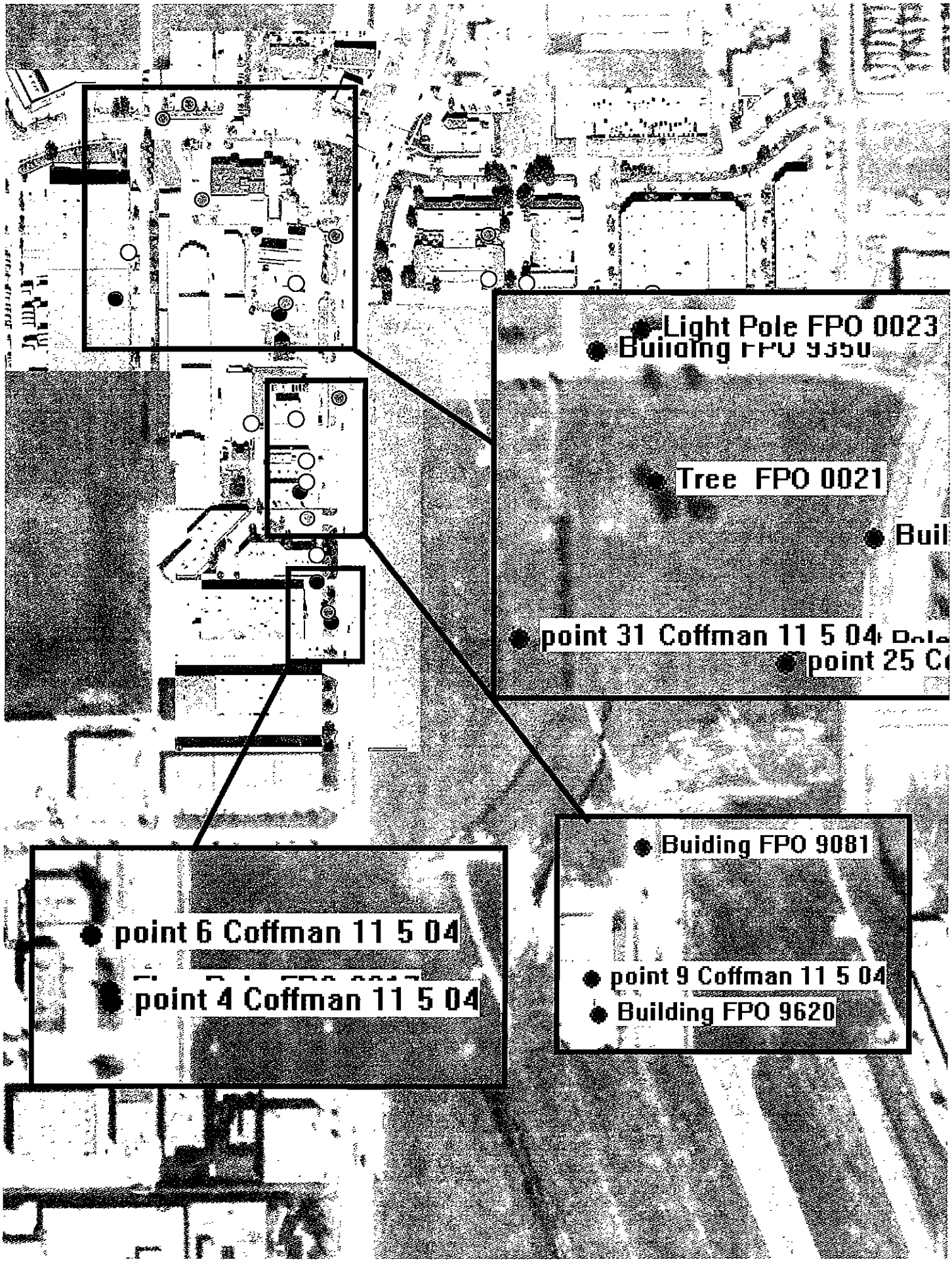
Runway Length Re-Capture

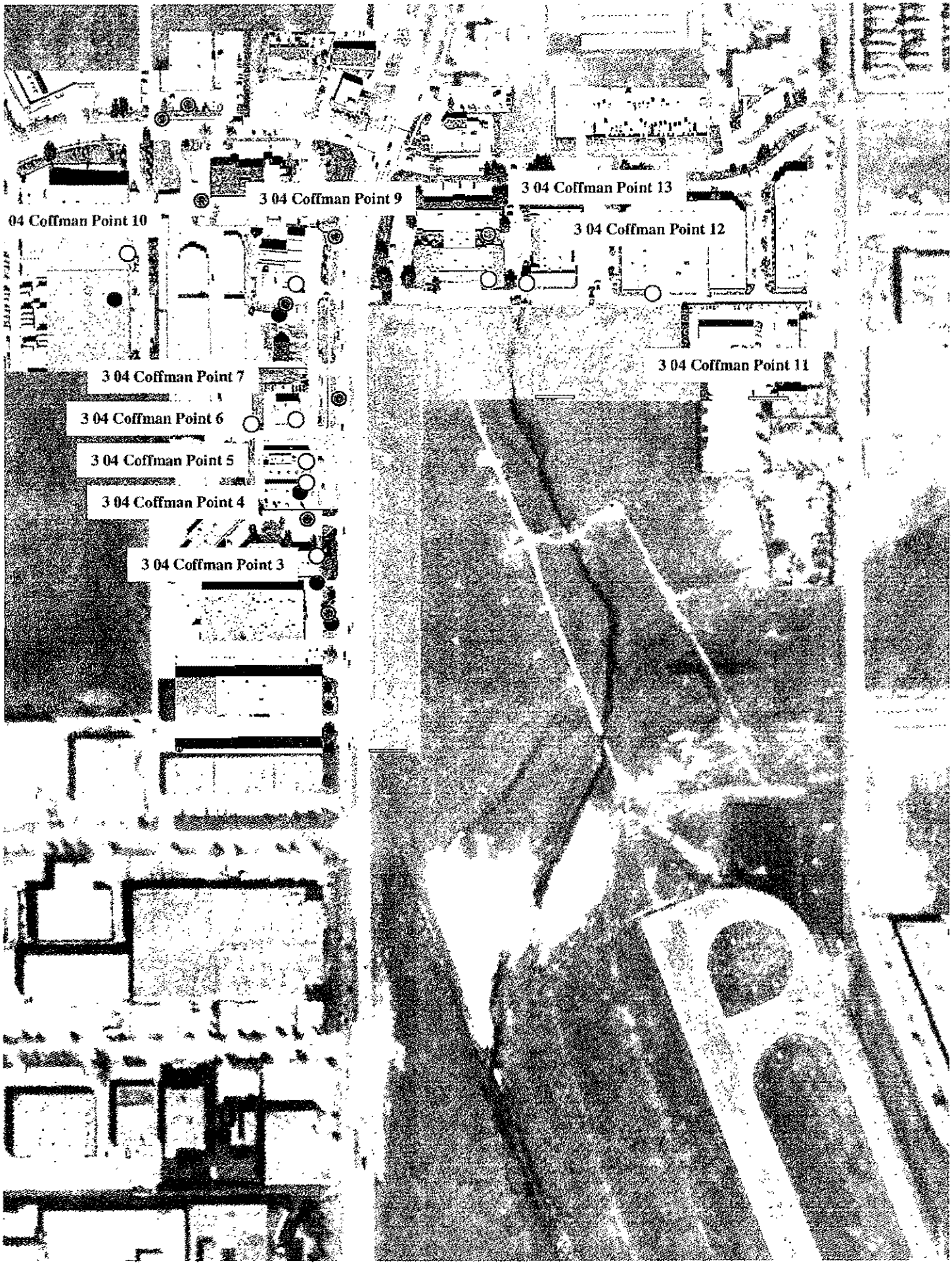


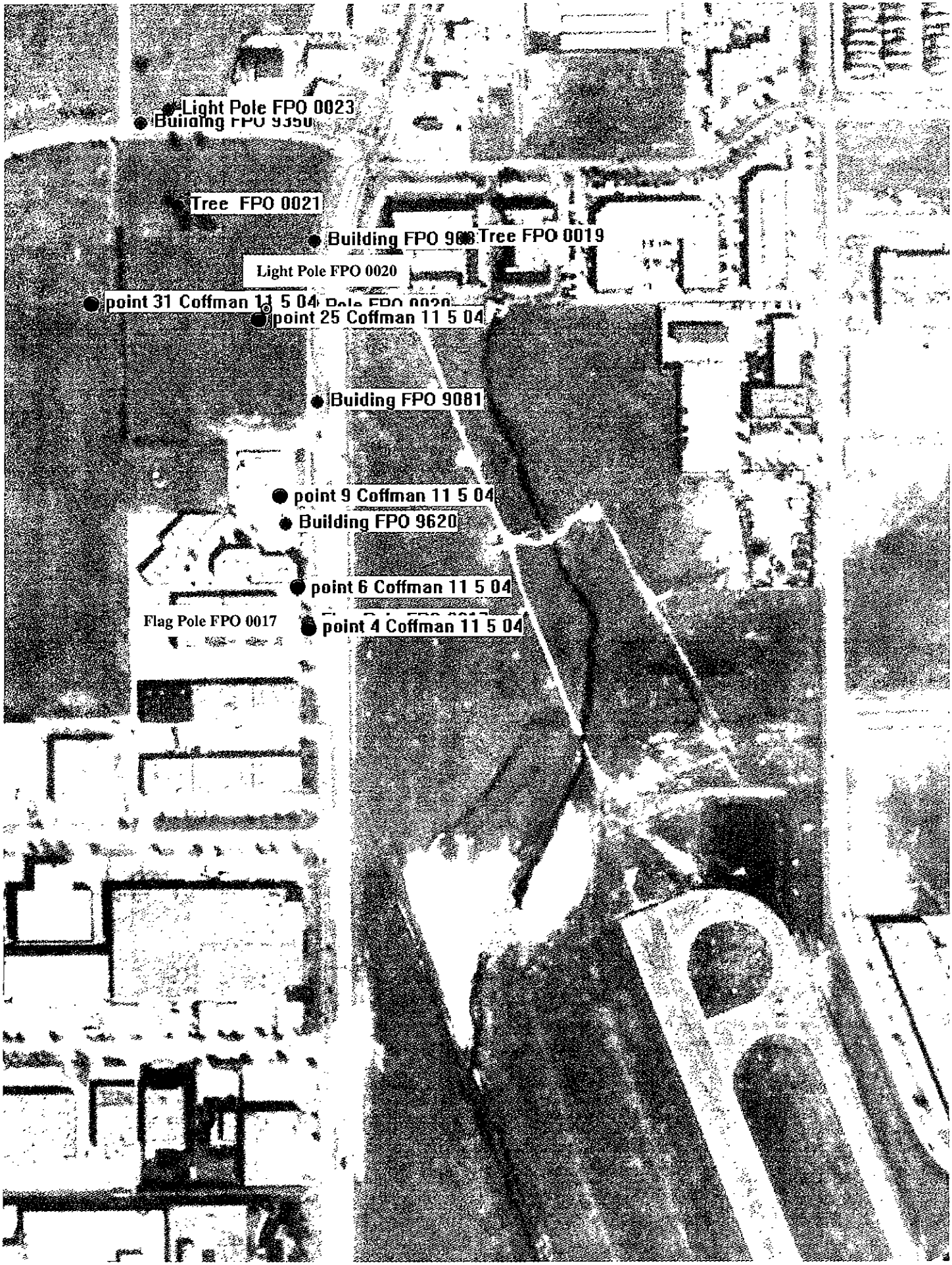


FAA 11 2004 Database (Controling Obstructions)

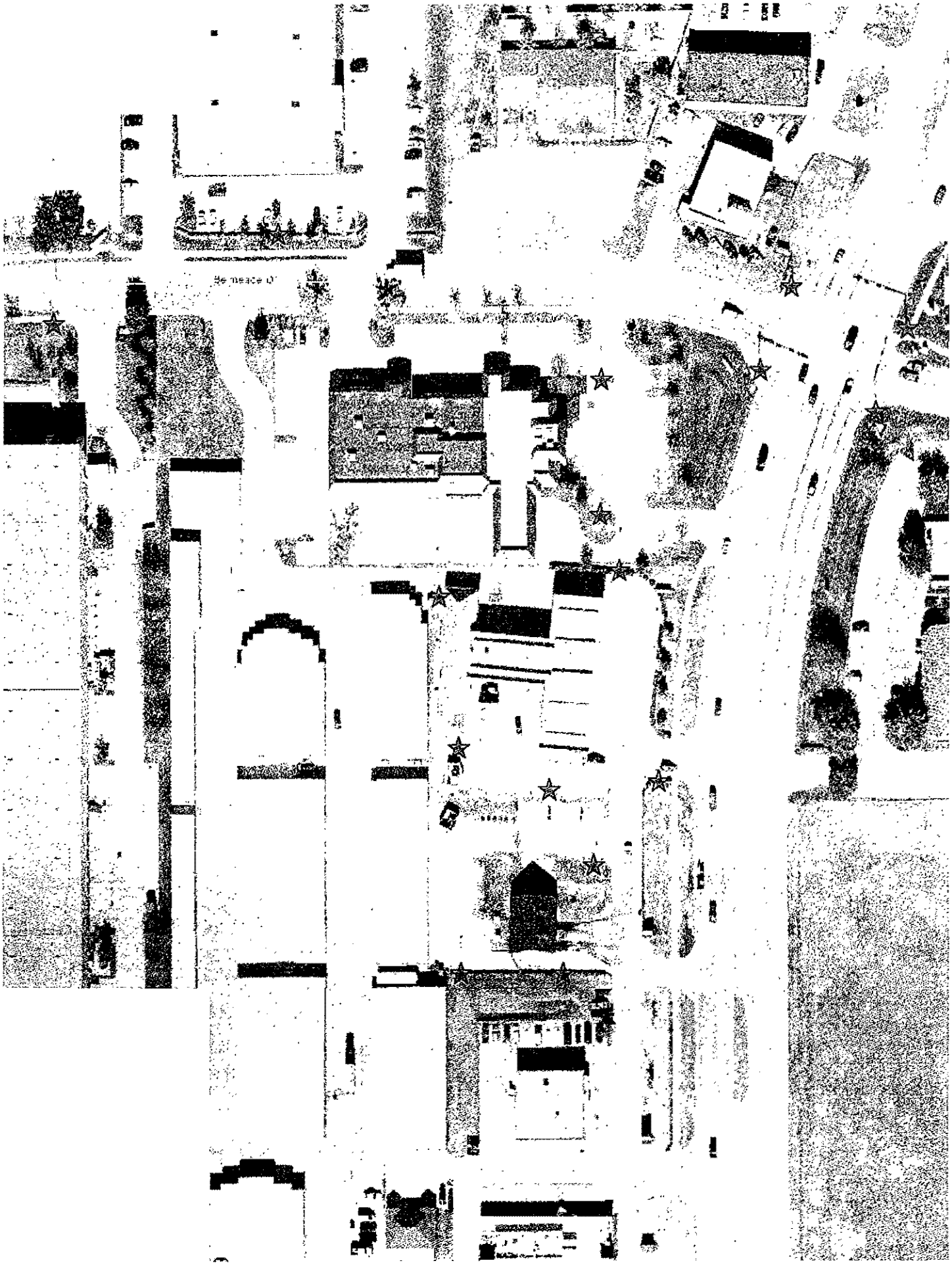
Coffman 3 2004 submission

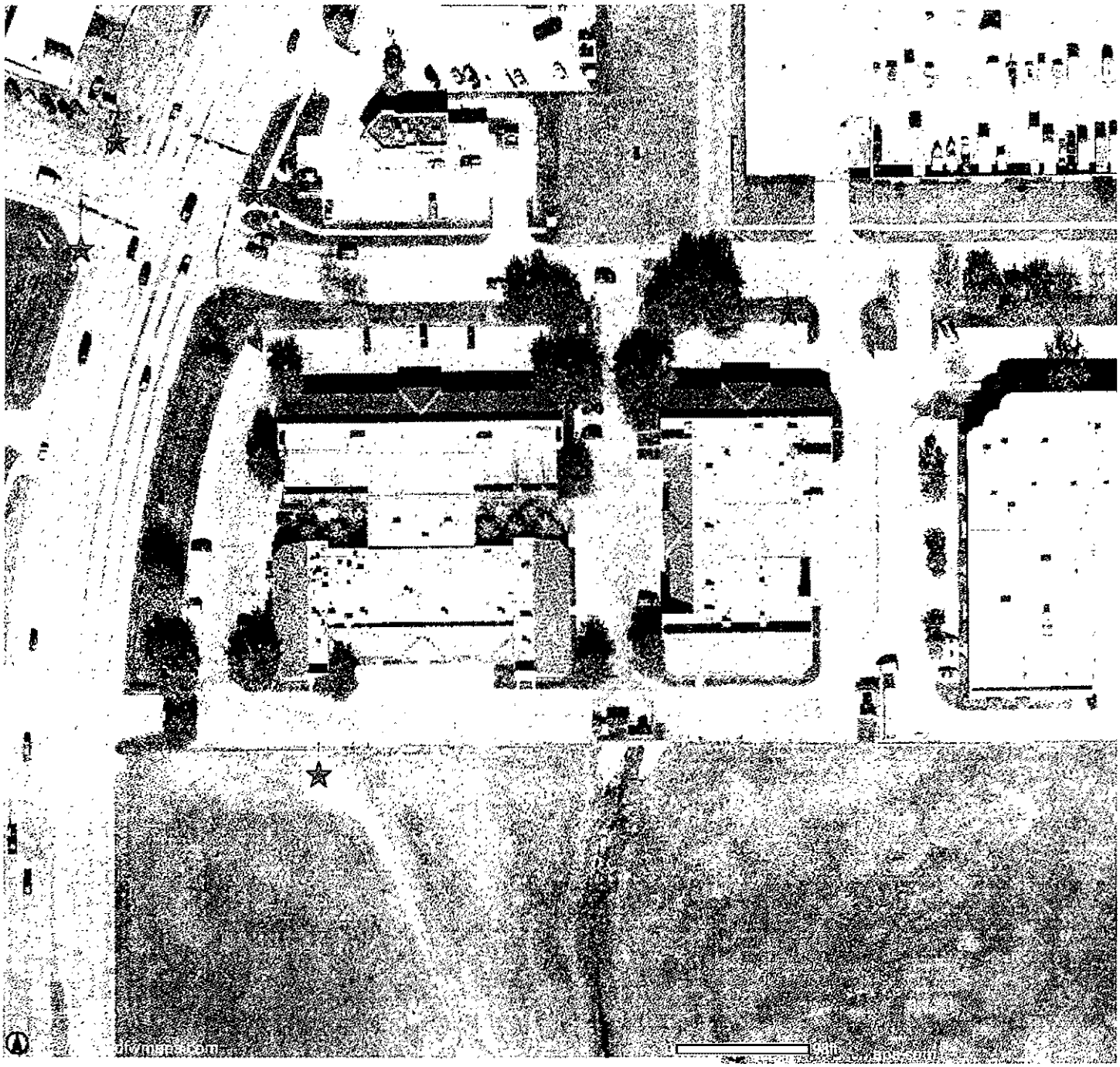

Light Pole FPO 0023
Tree FPO 0021
point 31 Coffman 11 5 04
point 25
Buiding FPO 9081
point 9 Coffman 11 5 04
Building FPO 9620
point 6 Coffman 11 5 04
point 4 Coffman 11 5 04


3 04 Coffman Point 9
3 04 Coffman Point 13
04 Coffman Point 10
3 04 Coffman Point 12
3 04 Coffman Point 11
3 04 Coffman Point 7
3 04 Coffman Point 6
3 04 Coffman Point 5
3 04 Coffman Point 4
3 04 Coffman Point 3


Light Pole FPO 0023
Tree FPO 0021
Building FPO 9081
Tree FPO 0019
Light Pole FPO 0020
point 25 Coffman 11 5 04
Buiding FPO 9081
point 9 Coffman 11 5 04
Building FPO 9620
point 6 Coffman 11 5 04
Flag Pole FPO 0017
point 4 Coffman 11 5 04

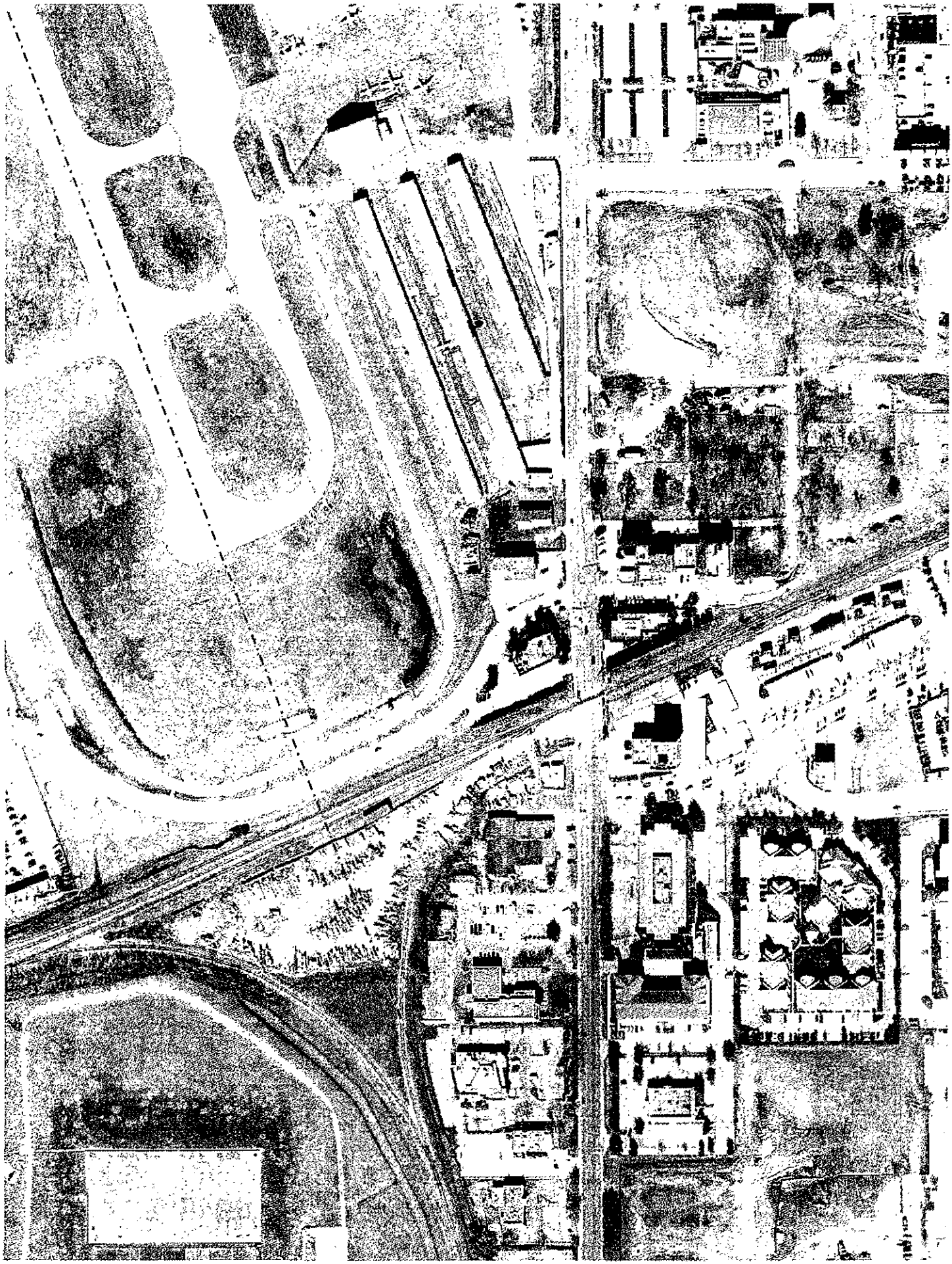
A

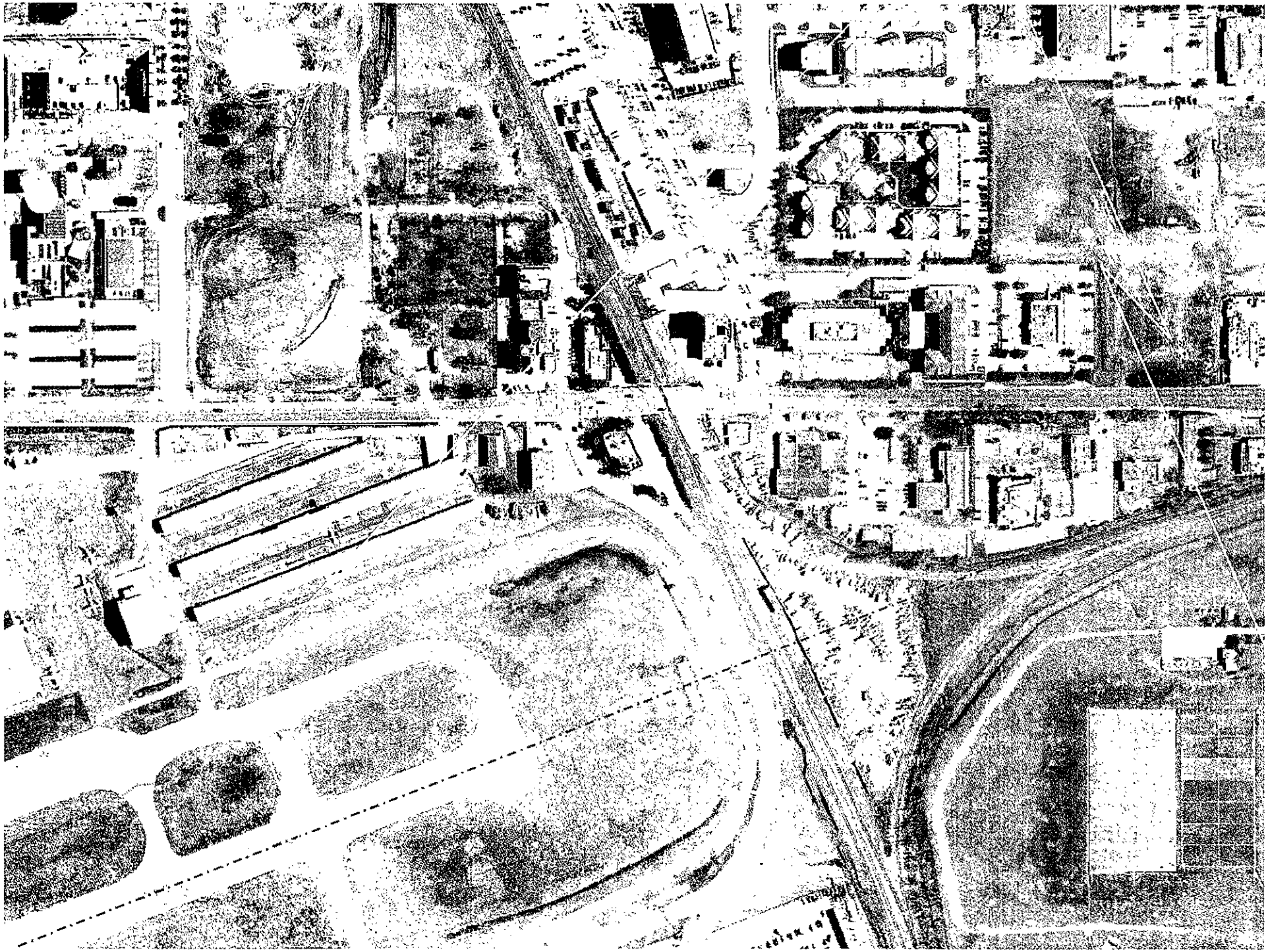


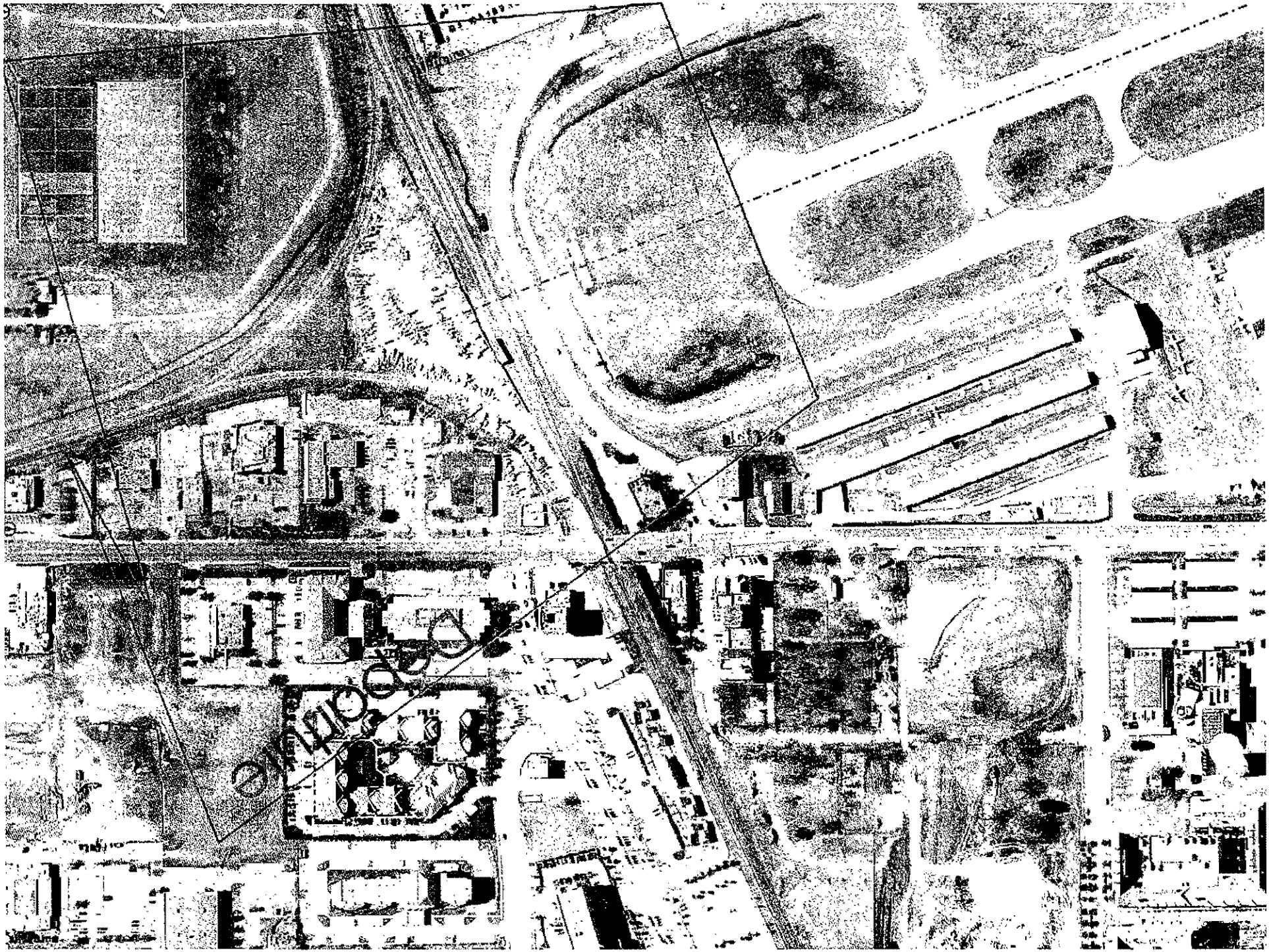


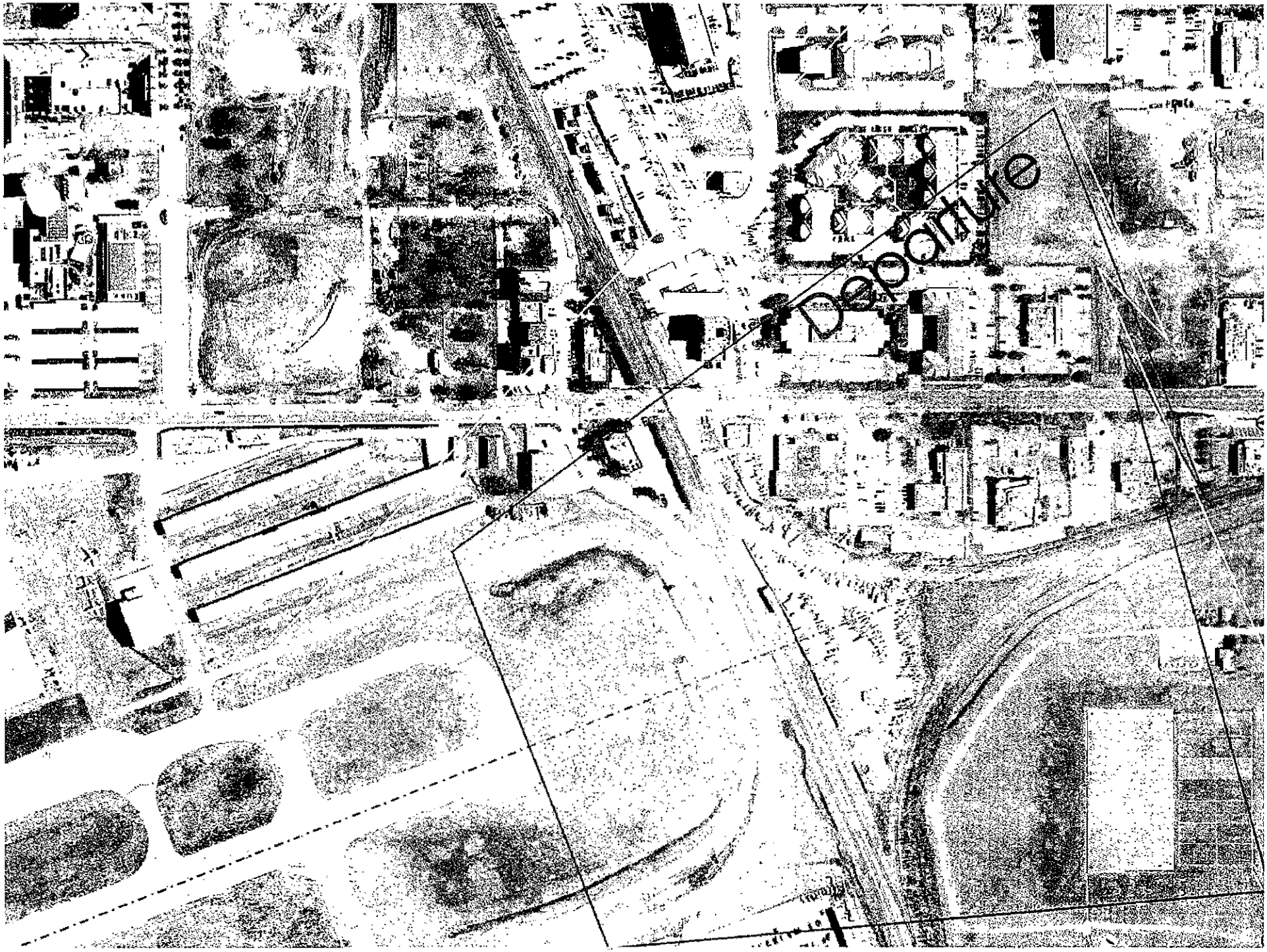
Addison Municipal Airport

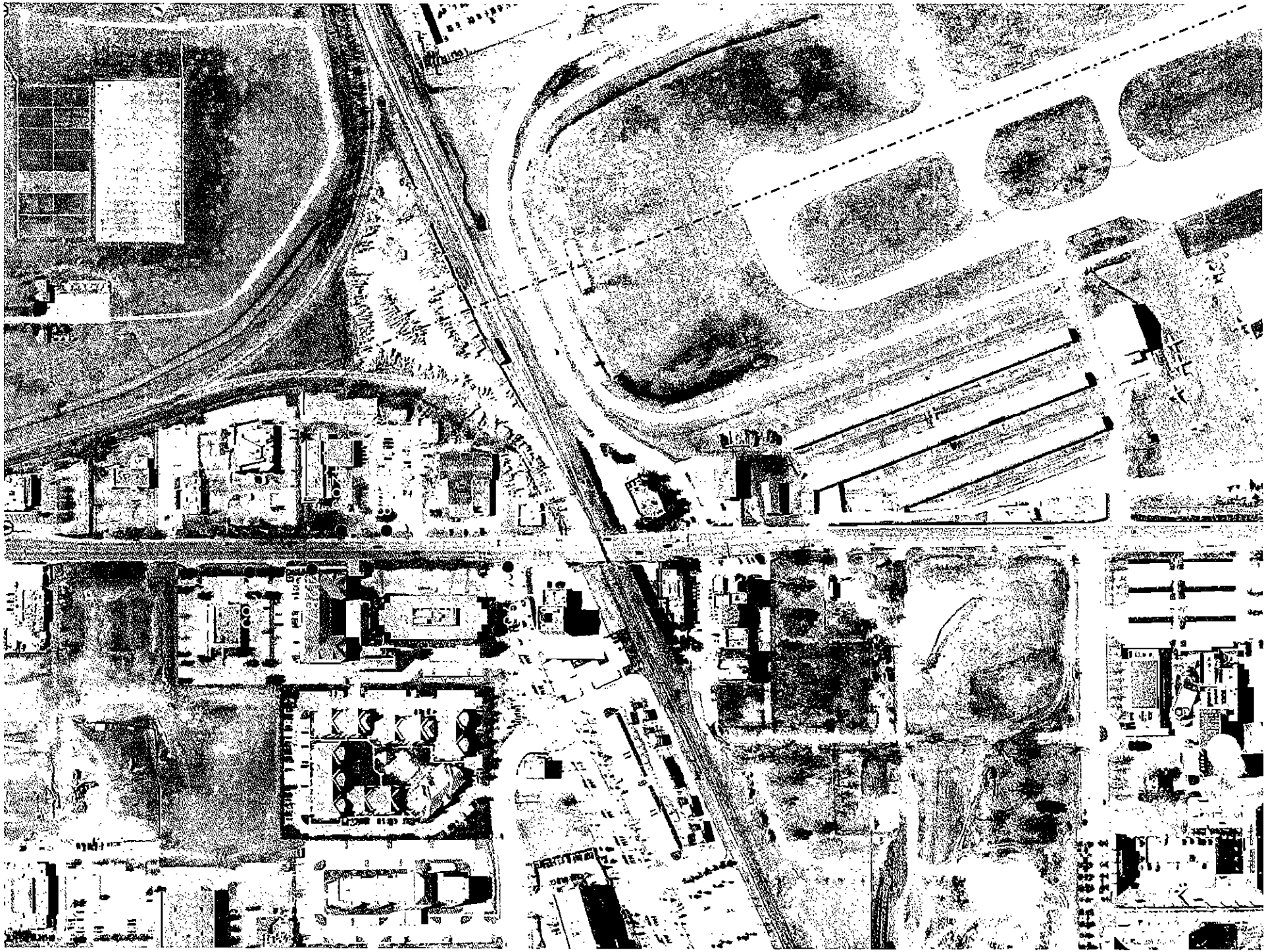
Airspace Analysis
Light Poles



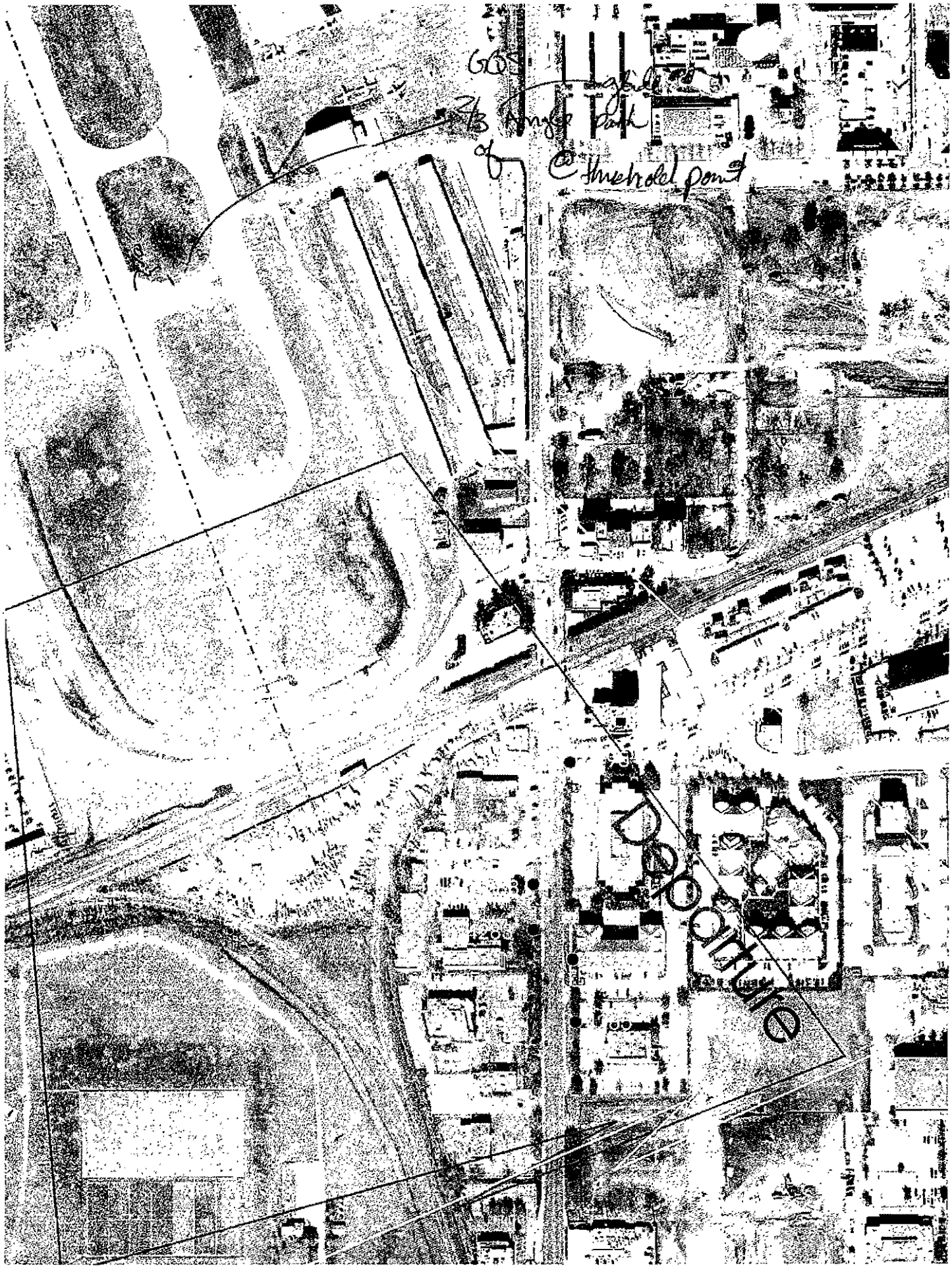


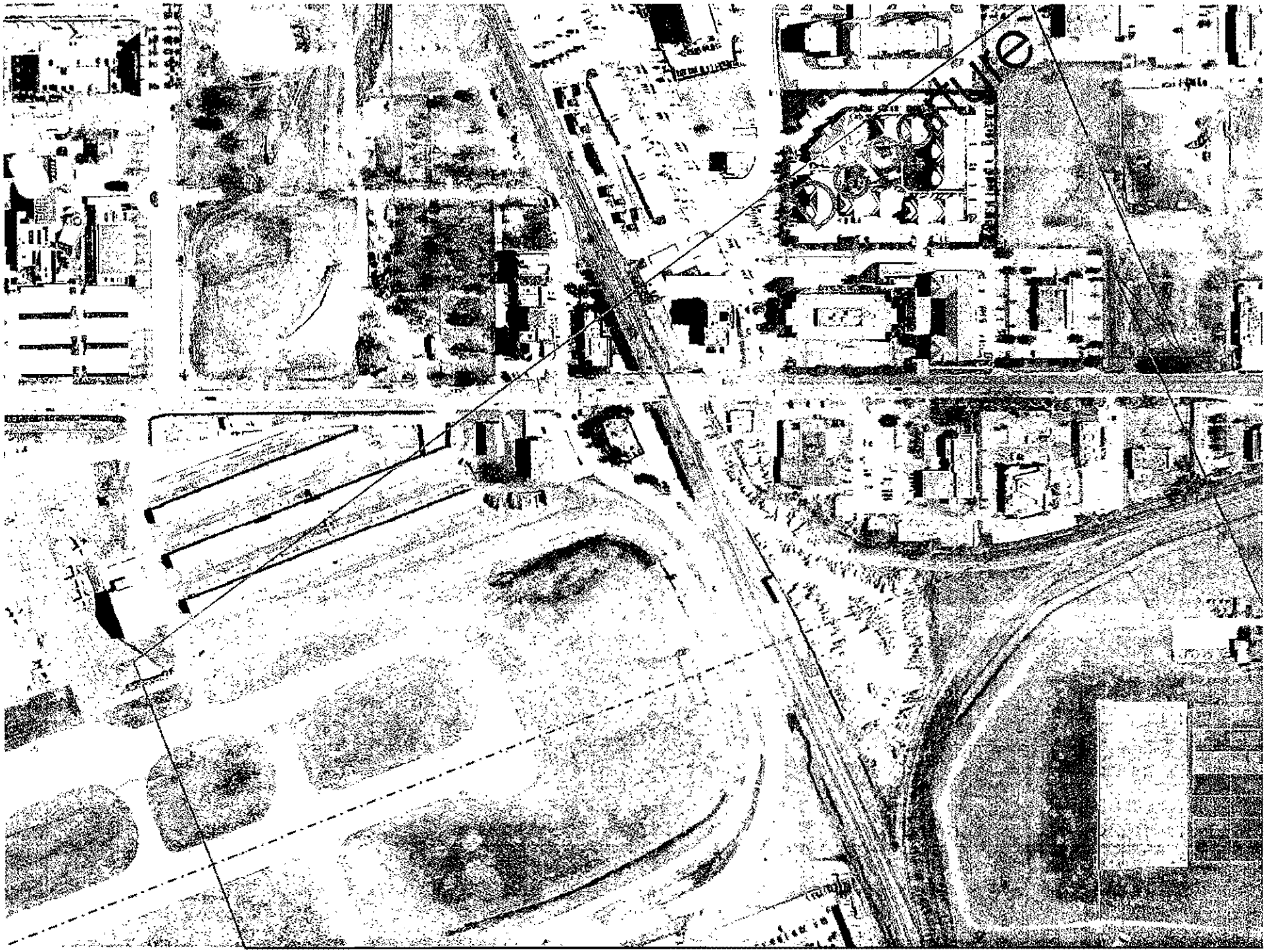



Departure



Factory St
Aracadia Rd
4287


Peoria




Departure

VAR

1 DAVE F

1 LUIS

1 ARBOR

1 JSA

1 MA

1 PW

4 CONTRACTOR

---

10 SETS

Quantity Notebook

Airport Vehicle Access Road

March 15, 2005

ROADWAY QUANTITIES
Airport Vehicle Access Road
Addison Airport

ITEM NO.	NCTCOG NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	UNIT PRICE	EST QTY.	AMOUNT BID
101		Mobilization	LS		1	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
102	3.3.1	Unclassified Street Excavation (channel)	CY		~~5~~ 60	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
103	3.3.1	Unclassified Street Excavation	CY	Sum	500	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
104	3.7	Embankment	CY		~~5~~ 60	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
105	3.9	Sodding	SY		330	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
106	3.8.2	Temporary Erosion, Sediment and Water Pollution Prevention and Control	LS		1	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				

ROADWAY QUANTITIES

Airport Vehicle Access Road

Addison Airport

ITEM NO.	NCTCOG NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	UNIT PRICE	EST. QTY.	AMOUNT BID
~~107~~	~~XX~~	ITEM DELETED ~~Furnish and Place 4" Flexible Base~~	~~SY~~		~~30~~	~~$~~
		~~Complete in Place, for the Sum of~~ __________ __________ ~~Dollars and~~ __________ ~~Cents per unit~~				
108	5.7	Hot-Mix Asphalt Concrete Pavement 2-inch surface course	Ton		24	$
		Complete in Place, for the Sum of __________ __________ Dollars and __________ Cents per unit				
109	5.7	PCCP CONC P. 8" ~~Hot-Mix Asphalt Concrete Pavement 4-inch base course~~ 4500PSI Depth	Ton		48	$
		Complete in Place, for the Sum of __________ __________ Dollars and __________ Cents per unit				
110	5.8	Portland Cement Concrete Pavement ~~5000~~ 4500 PSI	SY		1,750	$
		Complete in Place, for the Sum of __________ __________ Dollars and __________ Cents per unit				

TOTAL AMOUNT BID FOR MATERIALS AND SERVICES, SCHEDULE I, ITEMS 101 THROUGH 110, INCLUSIVE **$ __________**

3/16/05

As for DOWEL BARS

AREA OF STEEL

#6 BARS @ 15" C

$= \frac{6}{8}$

$= 0.75'$ DIAM

$A = \pi R^2 = \frac{\pi D^2}{4}$

$= \frac{\pi (.75)^2}{4} = 0.44 \text{ sq in} / \left(\frac{12"}{15"} \text{ lf}\right)$

$= 0.35 \text{ sq in/lf}$

#5 BARS @ 12" C-C

$\cong 0.31 \text{ sq in/lf}$

3/16/05
JSN

#~~153~~ 102

UNCLASSIFIED EXCAVATION (CHANNEL)

ASSUME 6" DEPTH

AREA = 328 sy

$$= 328\ sy \left(\frac{1\ yd}{3\ ft}\right)\left(\frac{1\ ft}{12"}\right)(6")$$

$$= 54.6\ cy$$

USE 60 cy

SEE PREV. QN. FOR AREA DEFNED

3/16/05
JSC

104 EMBANKMENT

AREA = 328 sy

TAKE OUT 6"
PUT BACK SOD

ASSUME 6" DEPTH

cy = 54.6

USE 60 cy

See previous QN for area defined

8" CONCRETE

1.5' WIDE

length = 1318 lf

AREA = 1318 lf (1.5) ft = 1977 sf = 220 sy

≅ 2000 sf 8" conc. ≅ 225 sy

Quantity Notebook

Airport Vehicle Access Road

March 2005

BEFORE PRE BID MTG

155908f

ROADWAY QUANTITIES
Airport Vehicle Access Road
Addison Airport

ITEM NO.	NCTCOG NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	UNIT PRICE	EST. QTY.	AMOUNT BID
101		Mobilization	LS		1	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
102	3.3.1	Unclassified Street Excavation (channel)	CY		~~330~~ 225	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit		A= 2953 ~~SF~~ ~~528 SY~~	225 OK	
103	3.3.1	Unclassified Street Excavation	CY		500	$ ✓OK
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
104	3.7	Embankment	CY		225	$ ✓OK
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
105	3.9	Sodding	SY		330	$ ✓OK
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
106	3.12	Temporary Erosion, sediment and water Pollution Control Prevention and Control	LS		1	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				

ROADWAY QUANTITIES
Airport Vehicle Access Road
Addison Airport

ITEM NO.	NCTCOG NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	UNIT PRICE	EST QTY	AMOUNT BID
107	xx	Furnish and Place 4" Flexible Base Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit	SY	30	0	$
108	5.7	Hot-Mix Asphalt Concrete Pavement 2" inch surface course Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit	Ton		24	$
109	5.7	Hot-Mix Asphalt Concrete Pavement 4" inch base course Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit	Ton		48	$
110	5.8	Portland Cement Concrete Pavement 5000 PSI – 6" 8" Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit	SY	1750	000	$

TOTAL AMOUNT BID FOR MATERIALS AND SERVICES, SCHEDULE I, ITEMS 101 THROUGH 110, INCLUSIVE $ 0.00

8"

PAVING REPAIR MODIFICATIONS FOR THE

FUEL TRUCK ROADWAY

ADDISON AIRPORT

TOWN OF ADDISON

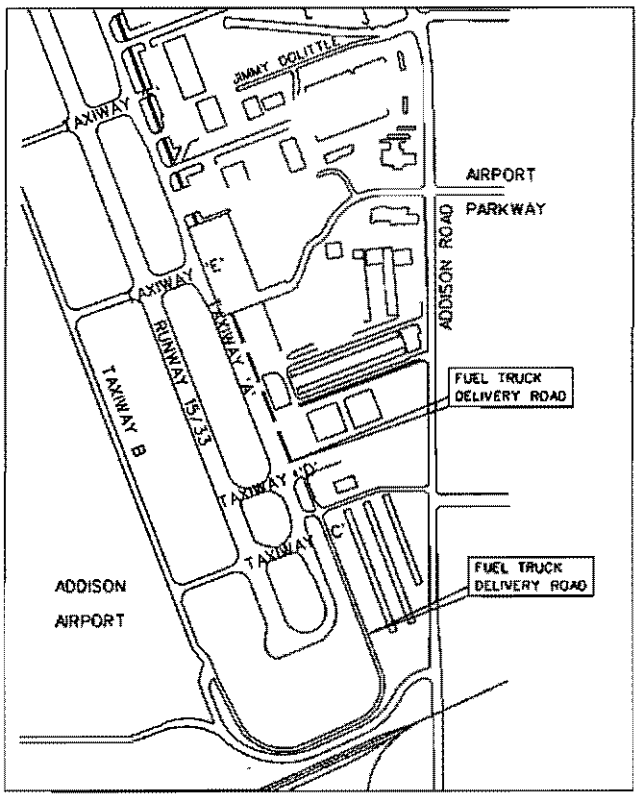
SHEET NO.	INDEX OF SHEETS
1	COVER SHEET
PL-1	PROJECT LAYOUT
PH-1	PROJECT PHASING PLAN
PV-1 - PV-2	PAVEMENT PLAN
DT-1 - DT-2	DETAILS AND TYPICAL SECTIONS

OWNER:

TOWN OF ADDISON
DEPARTMENT OF PUBLIC WORKS
16801 WESTGROVE
P.O. BOX 144
ADDISON, TEXAS 75001
(972) 450-2871

ENGINEER:

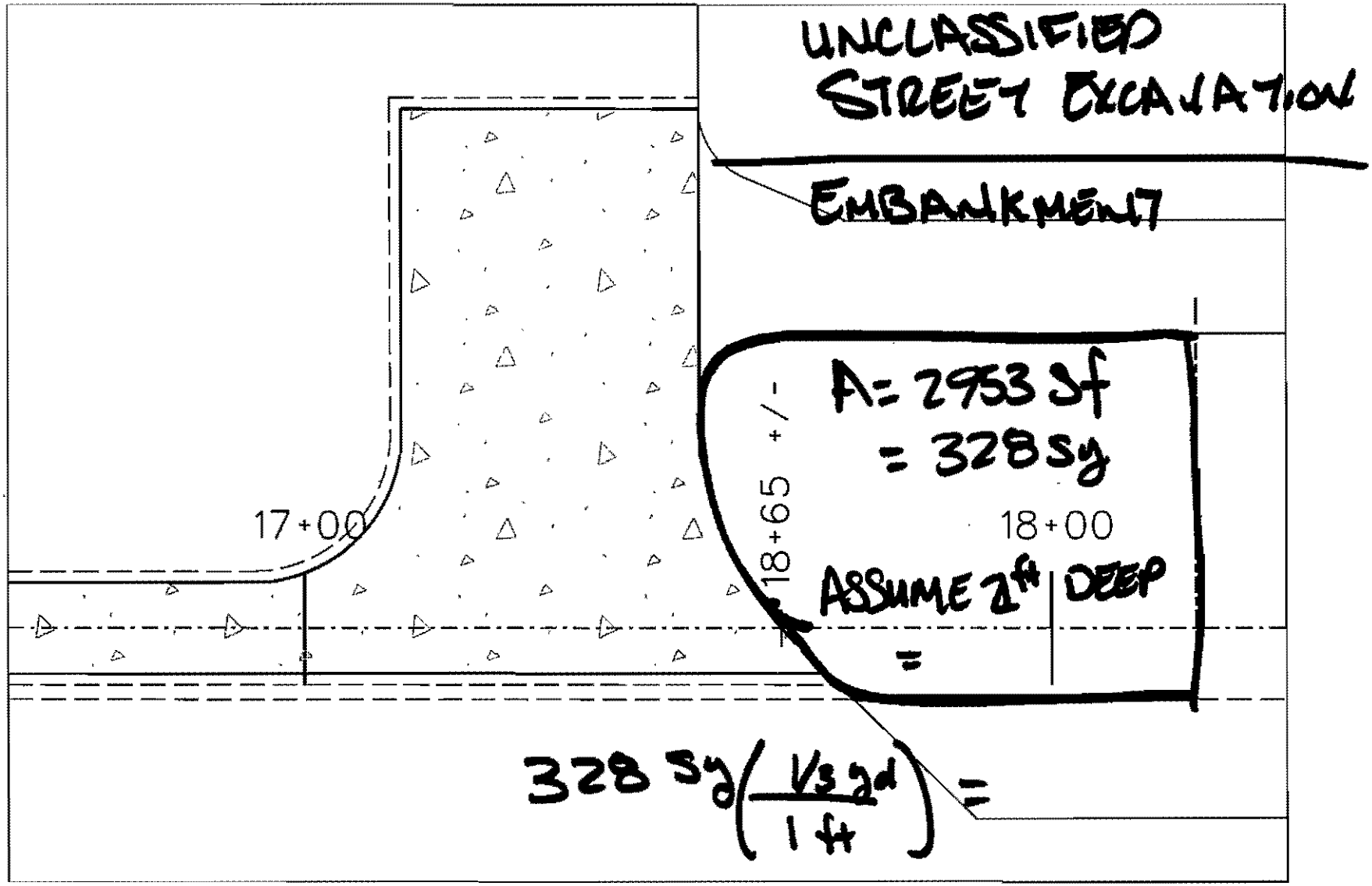
TOWN OF ADDISON
DEPARTMENT OF PUBLIC WORKS
16801 WESTGROVE
P.O. BOX 144
ADDISON, TEXAS 75001
(972) 450-2871



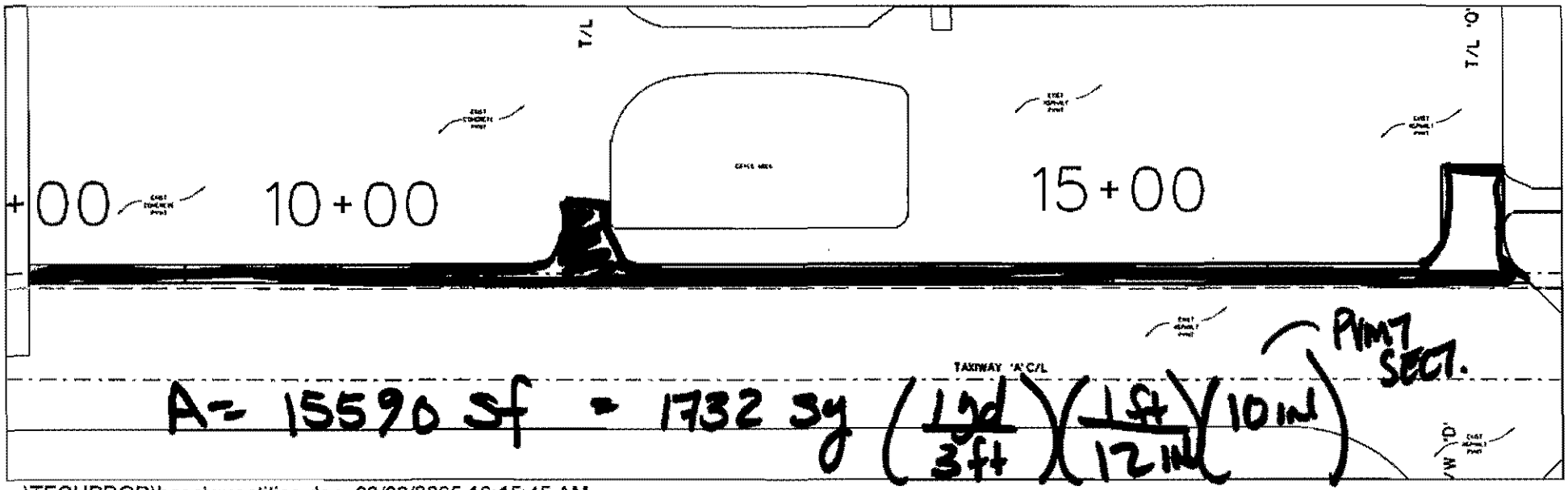
PROJECT MAP
NOT TO SCALE

THE SEAL ON THIS DOCUMENT WAS AUTHORIZED BY J. S. NICEWANDER P.E.# 87843 ON March 4, 2005

STATE OF TEXAS
J.S. NICEWANDER
87843
REGISTERED PROFESSIONAL ENGINEER


UNCLASSIFIED
STREET EXCAVATION
EMBANKMENT
A= 2953 sf
= 328 sy
17+00
18+65 +/-
18+00
ASSUME 2ft DEEP
=
328 sy (1/3 yd / 1 ft) =
...\TECHPROD\base\quantities.dgn 03/02/2005 10:13:10 AM
1 yd / 3ft (2ft / [illegible]) = 225 sy

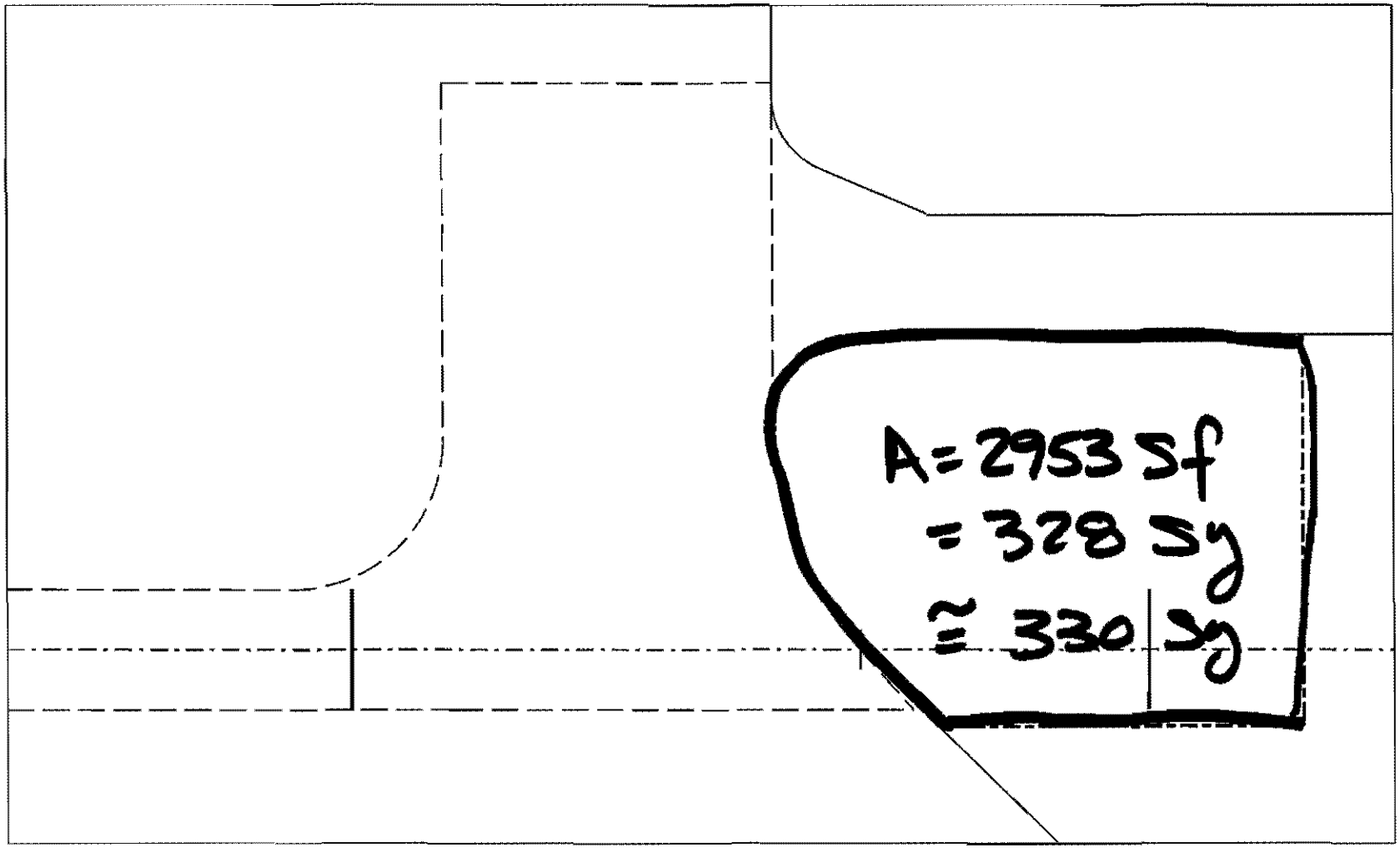
UNCLASSIFIED STREET EXCAVATION



$A = 15590\ sf = 1732\ sy \left(\frac{1yd}{3ft}\right)\left(\frac{1ft}{12in}\right)(10in)$ PAVT SECT.

$= 481\ cy \cong 500\ cy$

SODDING



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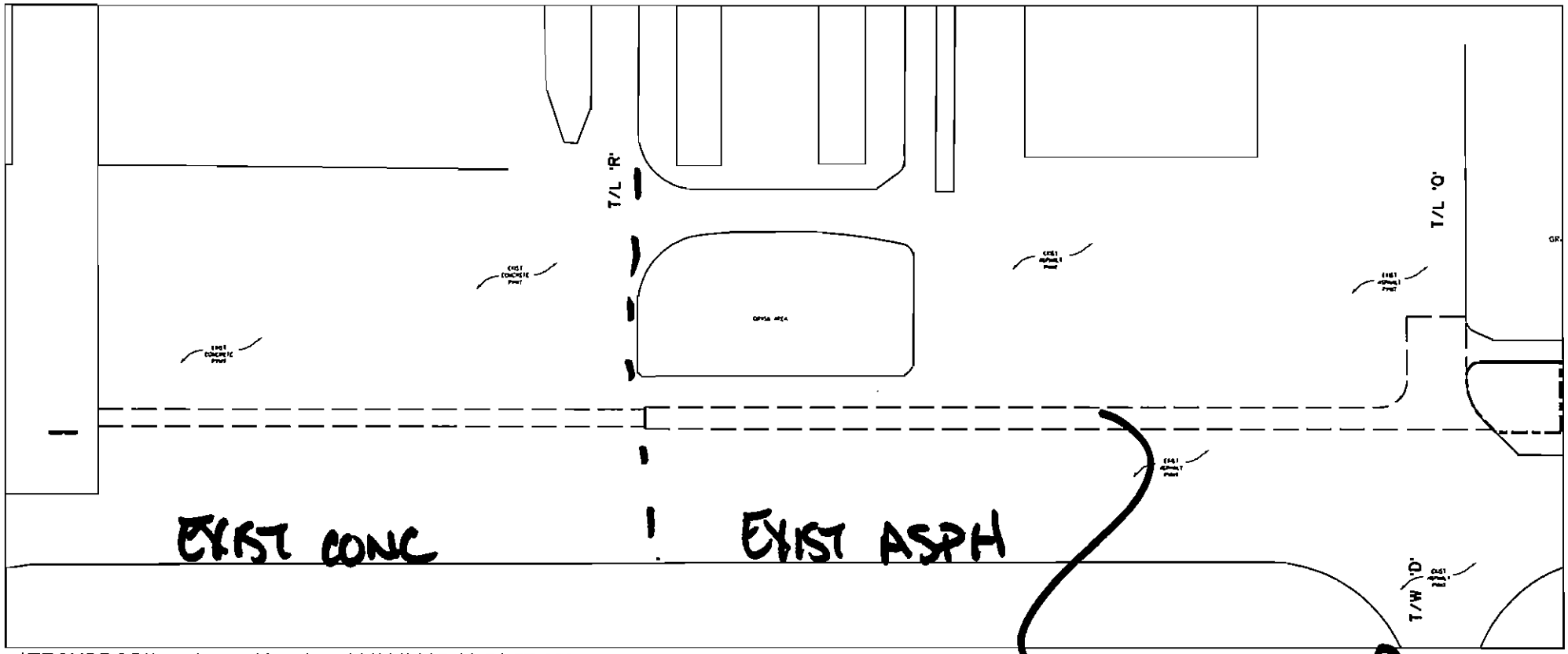
4" Flex Base



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$1318\ lf\left(\frac{1\ ft}{12\ in}\right)\left(\frac{18\ in}{}\right) = 1977\ sf$

$= 1977\ sf\left(\frac{3\ ft}{1\ yd}\right)$

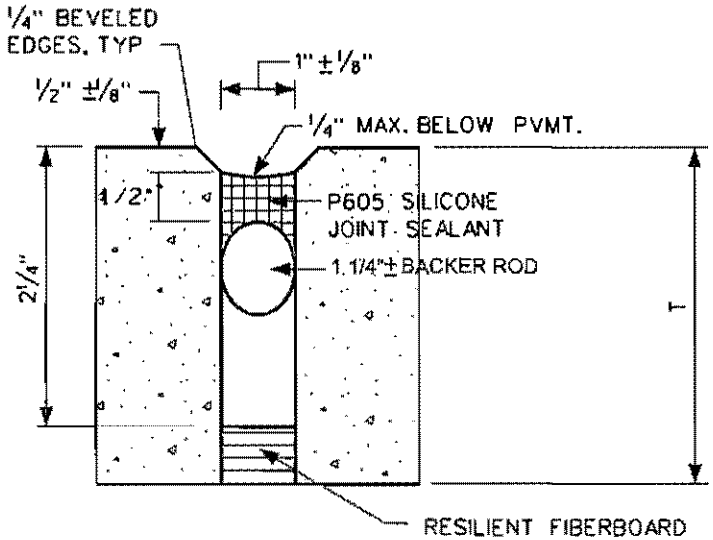
A = 11486 sf
P = 1318 lf

$1977\ sf\left(\frac{1\ ft}{12\ in}\right)\left(4\ in\right) = 659\ cf\left(\frac{1\ yd}{3\ ft}\right)^3$

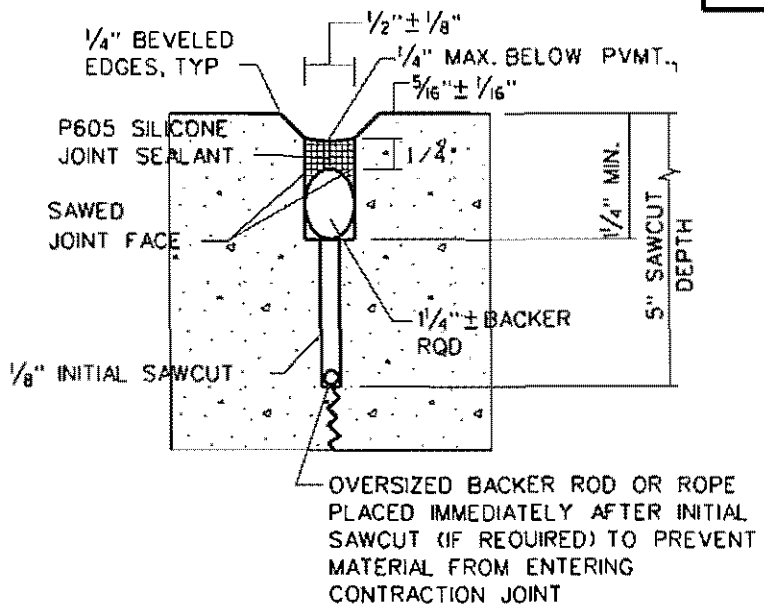
$= 659/27 = 24.4\ cy \cong 25\ cy$

$$$$$$SYTIME$$$$$
$$$$$$$$$$$$DGNSPEC$$$$$$$$$$$$$$$$

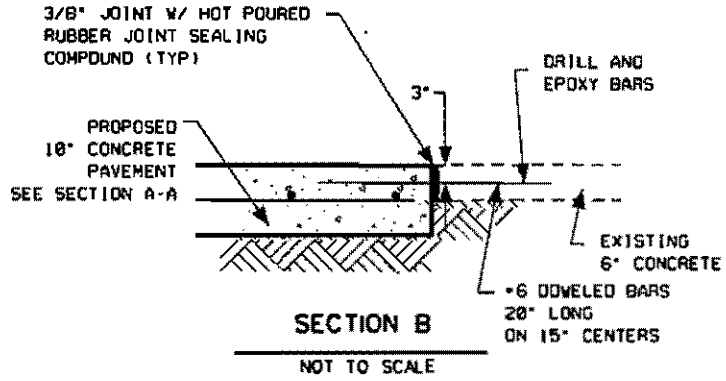
NOT TO SCALE



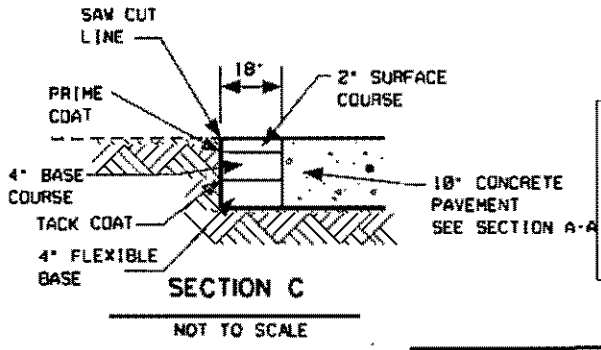
DETAIL 1
EXPANSION JOINT
NOT TO SCALE



DETAIL 2
DUMMY JOINT
NOT TO SCALE



SECTION B
NOT TO SCALE



SECTION C
NOT TO SCALE

THE SEAL ON THIS DOCUMENT WAS AUTHORIZED BY J. S. NICEWANDER P.E.# 87843 ON March 4, 2005

DT-2

ADDISON AIRPORT

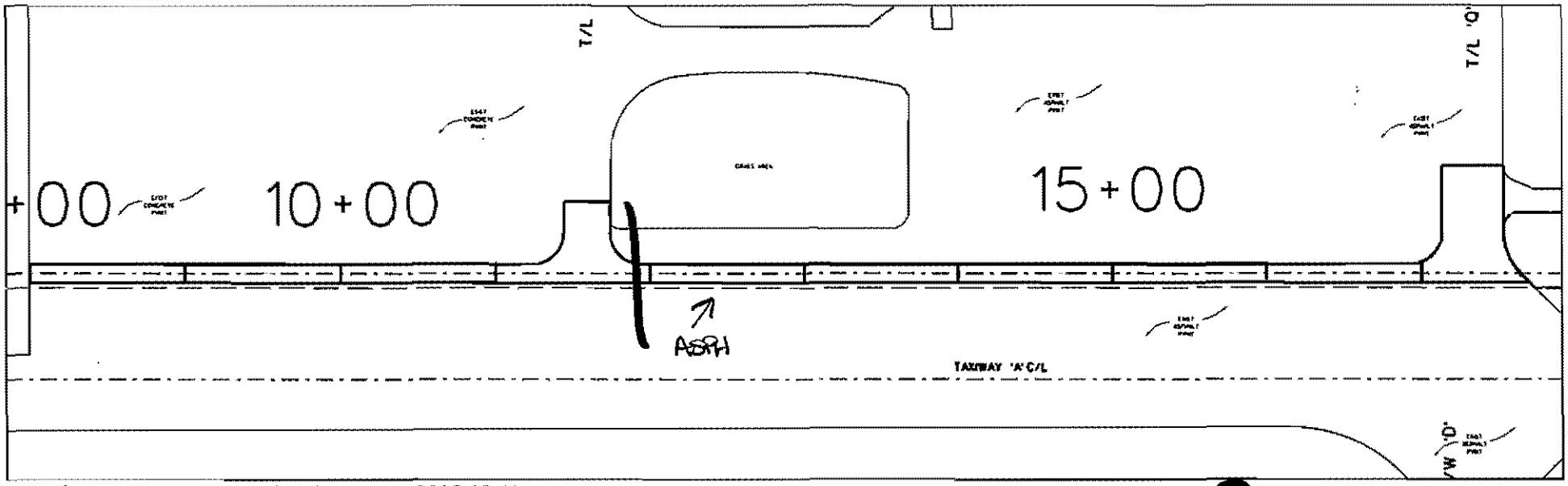
AIRPORT VEHICLE ACCSS ROAD

PAVING JOINT DETAILS

...\TECHPROD\Sheets\ftdt03.dgn 03/01/2005 03:41:05 PM

A = 16040
P = 2076

HMAC
2" + 4"



...\TECHPROD\base\quantities.dgn 03/02/2005 10:16:43 AM

A = 1486 sf
P = 318 lf

HOT MIX ASPH

$318\ lf\ (1.5\ lf) = 1977\ sf = 220\ sy$

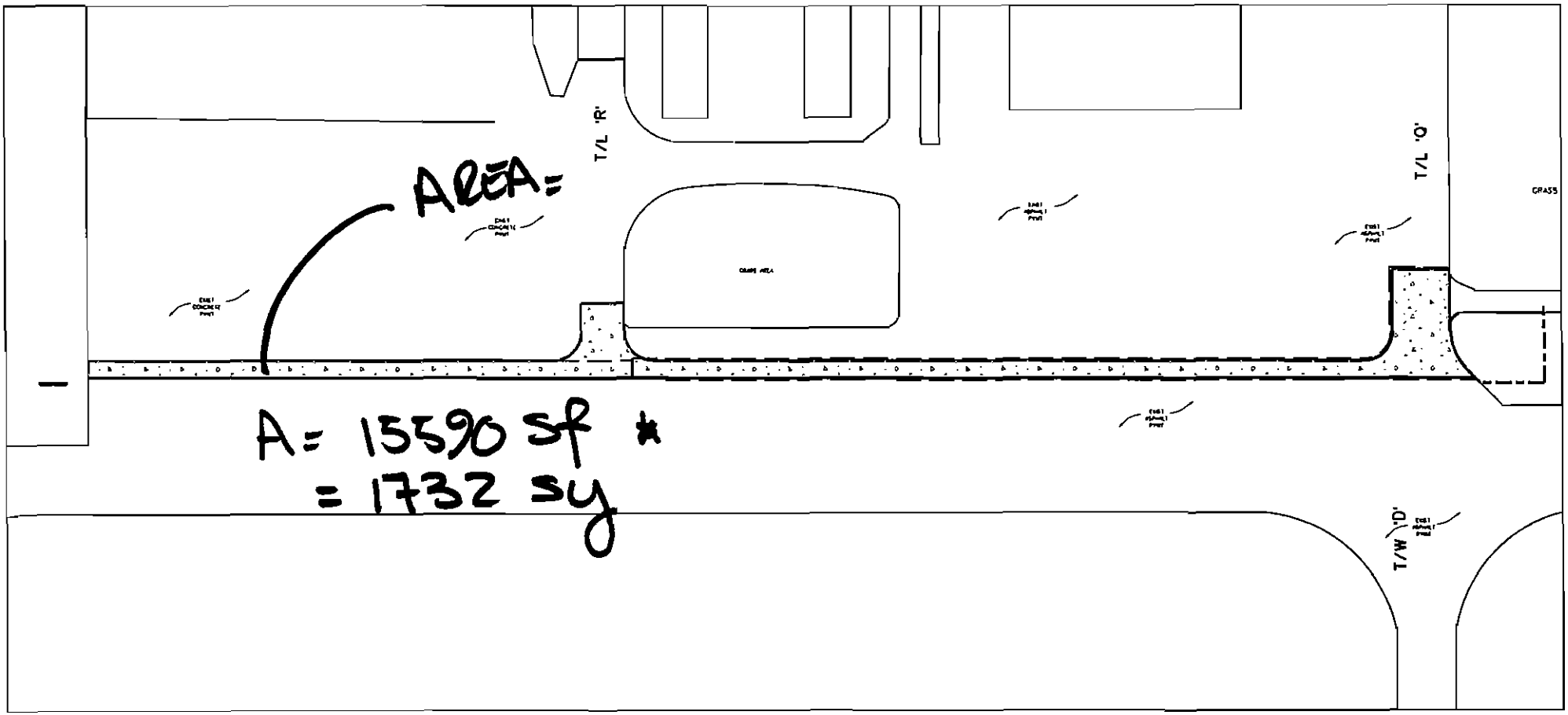
Conversion $= \frac{110\ lb}{sy\text{-}in}$

$= \frac{110\ lb}{sy\text{-}in}\left(2\ in\right)\left(220\ sy\right)\left(\frac{Ton}{2000\ lb}\right)$

$= 24$ TONS

w/4" $\Rightarrow$ @ 48 TONS

PCC P
CONC



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TOWN OF ADDISON

FINANCE DEPARTMENT/PURCHASING 5350 Belt Line Road (972) 450-7089
E-mail ssims@ci.addison.tx.us Fax (972) 450-7096 P.O. Box 9010 Addison, Texas 75001

April 13, 2005

Mr. Steve Jeske
Jeske Construction Company
P.O. Box 59029
Dallas, TX 75229

NOTICE OF AWARD: Bid 05-13 Airport Vehicle Access Road

Dear Mr. Jeske:

Receipt of this document authorizes your company to provide all labor and materials as outlined in the specifications, and under the terms and conditions of the contract documents for Bid No: 05-13 Airport Vehicle Access Road.

Enclosed please find four completed copies of the contract, performance bond, maintenance bond and payment bond to be signed by an authorized officer or principal of your firm.

Please send the signed contracts along with the necessary insurance certificates and bonds as soon as possible, but no later than April 23, 2005. Once we receive these items a Notice to Proceed will be issued.

If you have any questions or if I can be of assistance to you, please contact me at 972-450-7089.

Sincerely,

Shanna N. Sims
Budget and Procurement Manager

Enclosures

Copy: Jenny Nicewander

Jeske Construction Co.

P.O. Box 59025, Dallas, TX 75229
(972)620-2248 FAX (972)620-9852

TO: Jenny Nicewander FAX #: (972)450-2837

COMPANY:

RE:

FROM: Steve

TOTAL PAGES INCLUDING COVER SHEET: 2

This schedule is contingent on the contracts being processed and the Red Safety Lights being received by 5/2/05

SECTION PF
PROPOSAL FORM

_____, 20___

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed By: _____

ACKNOWLEDGEMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

Addendum No. 1 Dated: _____

Addendum No. 2 Dated: _____

Addendum No. 3 Dated: _____

Addendum No. 4 Dated: _____

Addendum No. 5 Dated: _____

Addendum No. 6 Dated: _____

PROPOSAL FORM

Place _____

Date _____

Proposal of _____,

a Corporation

organized and existing under the laws of the State of _____.

OR

Proposal of _____,

a partnership consisting of _____

and _____.

OR

Proposal of _____,

an individual trading as _____.

OR

Proposal of _____,

a Joint Venture consisting of _____

and _____.

TO: Town of Addison, Texas

Sealed bids addressed to the Town of Addison, Texas, for the Construction of Paving, Storm Sewer, Water, Sanitary Sewer, Signalization and Streetscape Improvements for **AIRPORT VEHICLE ACCESS ROAD** for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by the Town of Addison, will be received at the office of Ms. Shanna Sims, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until 2:00 P.M. on Tuesday, the 22nd day of March, 2005. Bids received by the appointed time will be opened and read aloud. Any bids received after stated time will be returned unopened.

The undersigned Bidder, having visited the site of the work, having examined the Plans, Specifications, and other Contract Documents, including all Addenda, and being familiar with all of the conditions relating to the proposed project, hereby proposes to furnish all material, supplies, equipment, and appliances specified for the project and to furnish all labor, tools, equipment and incidentals to complete the work in accordance with the Specifications, and other Contract Documents at and for the unit prices proposed herein:

The undersigned Bidder agrees that this bid may not be withdrawn for a period of sixty (60) days after the opening of the bids.

In submitting this bid, it is understood by the undersigned Bidder that the right is reserved by the Town of Addison to reject any and all bids.

_____

Name of Bidder

By: _____

(Signature)

_____

(Print Name and Title)

Witness: _____

(Signature)

_____

(Office Address of Bidder)

Bidder's Tax I.D. No. or Employer No. _____

SEAL (If Bidder is a Corporation)

NOTES: Sign in ink. Do not detach.

ROADWAY QUANTITIES

Airport Vehicle Access Road
Addison Airport

ITEM NO.	NCTCOG NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	UNIT PRICE	EST QTY.	AMOUNT BID
101		Mobilization	LS		1	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
102	3.3.1	Unclassified Street Excavation (channel)	CY		225	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
103	3.3.1	Unclassified Street Excavation	CY		500	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
104	3.7	Embankment	CY		225	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
105	3.9	Sodding	SY		330	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				
106	3.12	Temporary Erosion, Sediment and Water Pollution Prevention and Control	LS		1	$
		Complete in Place, for the Sum of _____ Dollars and _____ Cents per unit				

ROADWAY QUANTITIES
Airport Vehicle Access Road
Addison Airport

ITEM NO.	NCTCOG NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	UNIT PRICE	EST. QTY.	AMOUNT BID
107	5xx	Furnish and Place 4" Flexible Base	SY		30	$
		Complete in Place, for the Sum of _____ _____ Dollars and _____ Cents per unit				
108	5.7	Hot Mix Asphalt Concrete Pavement 2 inch surface course	Ton		24	$
		Complete in Place, for the Sum of _____ _____ Dollars and _____ Cents per unit				
109	5.7	Hot Mix Asphalt Concrete Pavement 4 inch base course	Ton		48	$
		Complete in Place, for the Sum of _____ _____ Dollars and _____ Cents per unit				
110	5.8	Portland Cement Concrete Pavement 5000 PSI	SY		1,750	$
		Complete in Place, for the Sum of _____ _____ Dollars and _____ Cents per unit				

TOTAL AMOUNT BID FOR MATERIALS AND SERVICES, SCHEDULE I, ITEMS 101 THROUGH 110, INCLUSIVE $ _____

PAVING REPAIR FOR THE FUEL TRUCK ROADWAY
BID SCHEDULE SUMMARY

Base Bid
Bid Schedule & Description — **Total Amount Materials & Services**

I. **Fuel Truck Roadway Improvements** $ _____

TOTAL BID FOR SCHEDULES I = TOTAL OF STANDARD BID (A): $ _____

WRITTEN IN WORDS: _____

_____

TOTAL OF TIME BID: _____ (Calendar Days)

TOTAL OF CALENDAR DAYS x $500 (B): _____

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID: _____

WRITTEN IN WORDS: _____

_____

NOTES:

1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bi
2. Prices must be shown in words and figures for each item listed in this proposal. In the event of discrepancy, the words shall control.
3. It is understood the the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to
4. One contract will be awarded based on the total value of items I through VII, (A) plus (B).

Bidder's Tax I.D. No. or Employer No. _____

SECTION CA
CONTRACT AGREEMENT

STATE OF TEXAS

COUNTY OF DALLAS

THIS AGREEMENT is made and entered into this ____ day of _____, 20___, by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor or City Manager, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and _____, of the City of _____, County of _____, State of _____, Party of the Second Part, hereinafter termed CONTRACTOR.

WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows:

Pavement Improvements for **AIRPORT VEHICLE ACCESS ROAD**

and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids. Instructions to Bidders, General Provisions. Special Provisions. Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT.

The CONTRACTOR hereby agrees to commence work within ten (10) calendar days after the date of written notice to do so has been given to him, and to complete all work within the number of days he bid (Calendar Days "B") in the proposal after he commences work, subject to such extensions or reductions of time as are provided by these Contract Documents.

The OWNER agrees to pay the CONTRACTOR $_____ in current funds for the performance of the Contract in accordance with the Proposal submitted thereof,

subject to additions and deductions, as provided in the General Provisions, and to make payments of account thereof as provided therein.

IN WITNESS THEREOF, the parties of these presents have executed this AGREEMENT in the year and day first above written.

TOWN OF ADDISON
(OWNER)

ATTEST:

BY:_____

_____
City Secretary

_____
Party of the Second Part
(CONTRACTOR)

ATTEST:

_____

By:_____

The following to be executed if the CONTRACTOR is a corporation:

I, _____, certify that I am the secretary of the corporation named as CONTRACTOR herein; that _____, who signed this Contract on behalf of the CONTRACTOR is the _____ of said corporation; that said **AIRPORT VEHICLE ACCESS ROAD** Contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Signed:_____

Corporate Seal

SECTION PrB
PERFORMANCE BOND

STATE OF TEXAS

COUNTY OF DALLAS Date Bond Executed:_____

PRINCIPAL:_____

SURETY:_____

PENAL SUM OF BOND (express in words and figures):_____

_____

DATE OF CONTRACT: _____

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said Contract during the original term of said Contract and any extension thereof that may be granted by the OWNER, with or without notice to the SURETY, and during the life of any guaranty required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications of said SURETY being hereby waived, then this obligation to be void, otherwise in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

_____
CONTRACTOR

By: _____

Address: _____

WITNESS _____ _____

SEAL

ATTEST: _____ _____
SURETY

By: _____

Address: _____

_____

Title: _____

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that _____, who signed the said bond on behalf of the PRINCIPAL, is the _____ said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

_____
(Corporate Seal)

SECTION PyB
PAYMENT BOND

STATE OF TEXAS

COUNTY OF DALLAS Date Bond Executed:_____

PRINCIPAL:_____

SURETY:_____

PENAL SUM OF BOND (express in words and figures):_____

_____

DATE OF CONTRACT: _____

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall promptly make payment to all persons supplying labor and materials in the prosecution of the work provided for in said Contract, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the SURETY being hereby waived, then this obligation to be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

_____
CONTRACTOR

By: _____

Address: _____

WITNESS _____ _____

SEAL

ATTEST: _____ _____
SURETY

By: _____

Address: _____

_____

Title: _____

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that _____, who signed the said bond on behalf of the PRINCIPAL, is the _____ said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

_____
(Corporate Seal)

SECTION MB
MAINTENANCE BOND

STATE OF TEXAS

COUNTY OF DALLAS

That _____ as principal and _____ _____, a corporation organized under the laws of _____ and _____ _____ as sureties, said sureties being authorized to do business in the State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of Addison, Texas, a duly incorporated home rule municipal corporation under the laws of the State of Texas, the sum of

_____

_____

_____

($_____) for the payment of which sum will and truly to be made unto said Town of Addison and its successors, said principal and sureties do hereby bind themselves, their assigns and successors, jointly and severally.

This obligation is conditioned, however, that whereas said:

_____

has this day entered into a written contract with the said Town of Addison to build and construct the

_____

_____

_____

_____

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of two (2) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation. and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (trees, shrubs, ground cover, grasses and perennials) and the completed irrigation system will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of two (2) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said _____ has caused these presents to be executed by _____ and the said _____ has hereunto set his hand this the ____ day of _____, 20___.

SURETY

_____

_____

By: _____
Attorney in Fact

PRINCIPAL

_____

By: _____

ATTEST

By: _____
Surety

_____
Secretary

_____

_____

Agency and Address

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

Addison!

Pre-Bid Meeting
Airport Vehicle Access Road
March 15, 2005
2:00 PM

Introductions
Project Overview
A+B Bidding – Incentive/disincentive $500 dollars per day, Max Incentive $5000.00

- A Part – Bid tab items
- B Part – Number of days bid to complete project @ $500/day
- Bid Award based on "A" + "B" amount
- Contract is based on "A" portion

Airport Safety Requirements of Contractor

1. Work adjacent to non-movement area
2. Driving school
3. Radio's required – NO
4. Staging area and site access

- Barricades on Both Sides
- NO TEMP PAINT MARKINGS

Construction Schedule – Town of Addison Events

1. Kaboom Town – safety barriers around haul road
2. A+B bidding – includes holidays

- Hay Bales & Silt fence
- SP-16 goes away

Expectations of Contractor for Pre-Construction meeting

1. Schedule
2. Traffic Control Plan will be required 5-days prior to construction

- no Mitigation
- Channel excavations
- embankment

Handouts

1. Soils Report
2. FAA Spec –AC 150/5370-2E Operational Safety on Airports during Construction
3. Sign in Sheet

DT- Hot Poly
DT2 Silicon

Miscellaneous

1. Read General Notes in specs on page SP-19

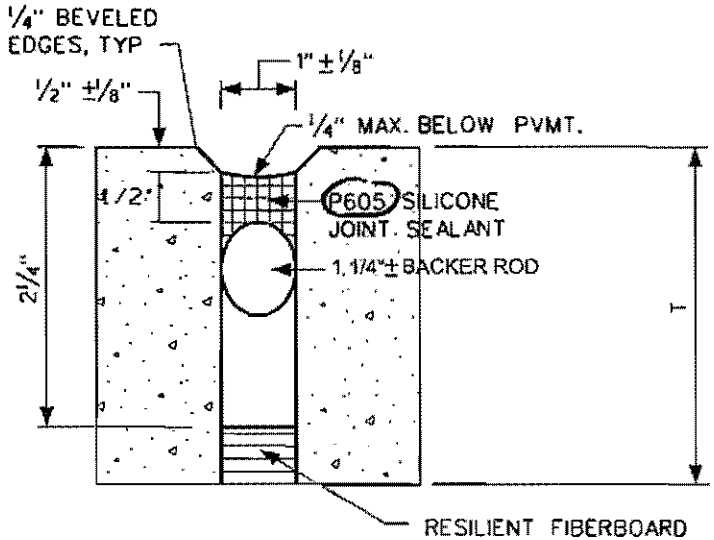
DT detail - 3000 PSI

Field Trip

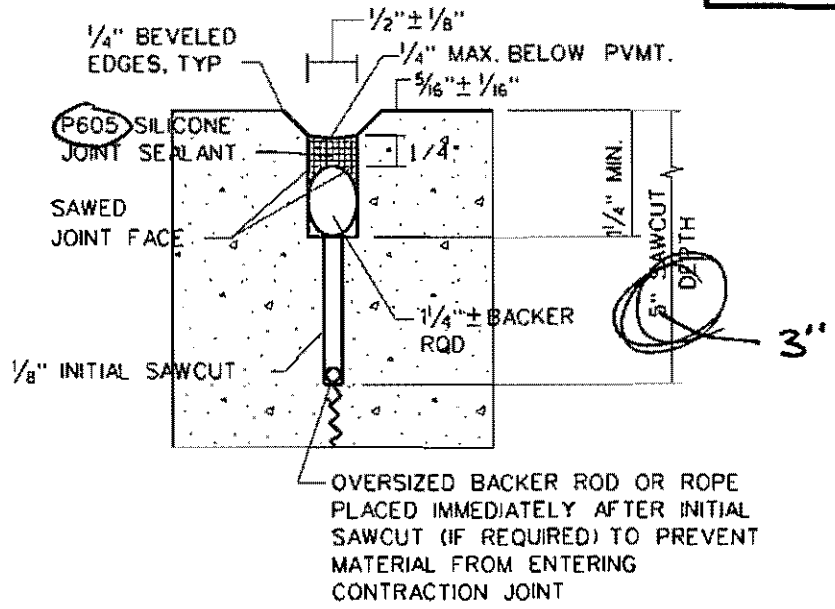
- frame detail no flap base use conc instead
- ~~detail~~ 2 5" deep cut
- Section B dowel sing (bring down)
- Dnet

$$$$$$SYTIME$$$$$
$$$$$$$$$$$DGNSPEC$$$$$$$$$$$$$$$

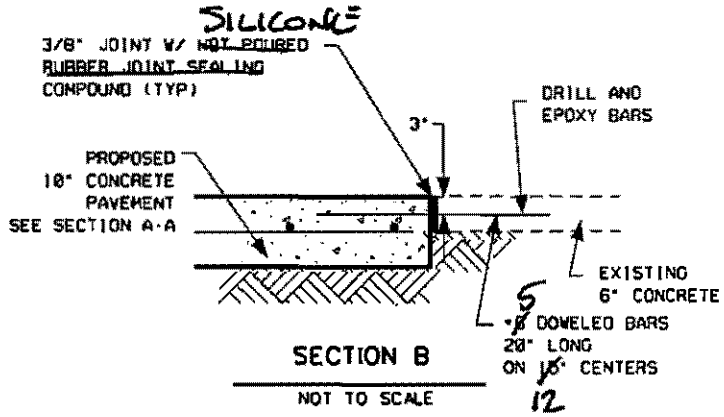
NOT TO SCALE



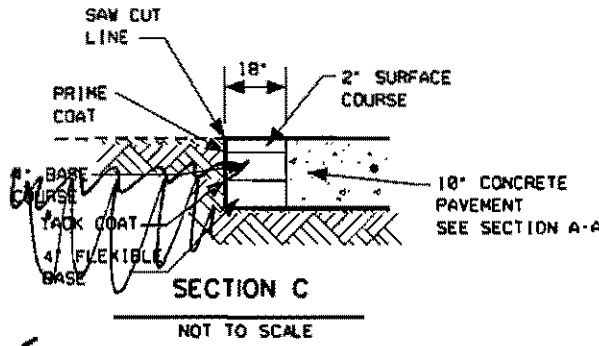
DETAIL 1
EXPANSION JOINT
NOT TO SCALE



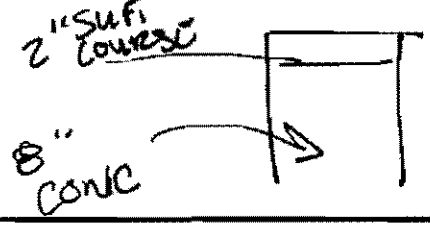
DETAIL 2
DUMMY JOINT
NOT TO SCALE



SECTION B
NOT TO SCALE



SECTION C
NOT TO SCALE



STATE OF TEXAS
J. S. NICEWANDER
87843
REGISTERED PROFESSIONAL ENGINEER

THE SEAL ON THIS DOCUMENT WAS AUTHORIZED BY J. S. NICEWANDER P.E.# 87843 ON March 4, 2005

DT-2

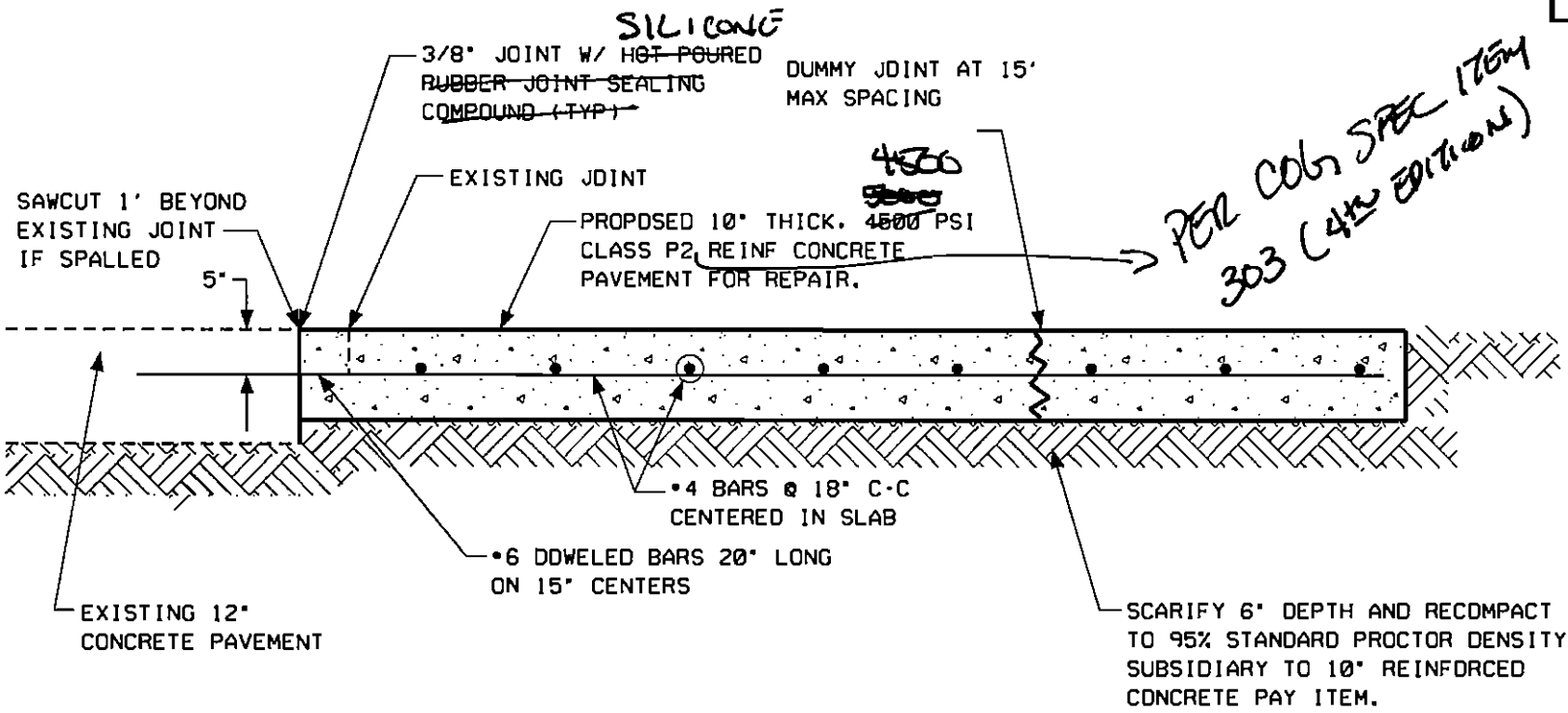
ADDISON AIRPORT

AIRPORT VEHICLE ACCSS ROAD

PAVING JOINT DETAILS

$$$$$$SYTIME$$$$$
$$$$$$$$$$$$DGNSPEC$$$$$$$$$$$$$$$$

NOT TO SCALE



SECTION A-A

REPAIR AREAS SHALL BE LEVELED TO MATCH EXISTING GRADE OF ADJACENT CONCRETE OR ASPHALT PAVEMENT.

IF ADDITIONAL FILL MATERIAL IS NEEDED, FLEXIBLE BASE MEETING THE REQUIREMENTS OF NCTCOG STANDARD SPECIFICATIONS 301.5 SHALL BE USED. ADDITIONAL FILL MATERIAL SHALL BE SUBSIDIARY TO BID ITEMS.

CONTRACTOR WILL SOD DISTURBED AREA. ~~THE SOD WILL BE SUBSIDIARY TO OTHER BID ITEMS~~.

REMOVED PAVEMENT SHALL BE DISPOSED OF BY CONTRACTOR AND CONSIDERED SUBSIDIARY TO OTHER BID ITEMS.

STATE OF TEXAS
J. S. NICEWANDER
87843
REGISTERED PROFESSIONAL ENGINEER

THE SEAL ON THIS DOCUMENT WAS AUTHORIZED BY J. S. NICEWANDER P.E.# 87843 ON March 4, 2005

DT-1

ADDISON AIRPORT

AIRPORT VEHICLE ACCESS ROAD

TYPICAL SECTION
CONCRETE PAVEMENT REPLACEMENT
ADJACENT TO CONCRETE

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TOWN OF ADDISON

FINANCE DEPARTMENT/PURCHASING DIVISION 5350 Belt Line Road (972) 450-7089
E-mail ssims@ci.addison.tx.us Facsimile (972) 450-7096 P.O. Box 9010 Addison, Texas 75001

May 2, 2005

Mr. Steve Jeske
Jeske Construction Co.
2546 Merrell Rd #106
Dallas, TX 75229

NOTICE TO PROCEED: Bid 05-13 Airport Vehicle Access Road

Dear Mr. Jeske:

Receipt of this document authorizes your company to provide all labor and materials beginning on May 3, 2005 as outlined in the specifications and under the terms and conditions of the contract documents for Bid 05-13 Airport Vehicle Access Road. Please contact Project Manager Jenny Nicewander to discuss the details regarding this bid at 972-450-2860. Enclosed is your copy of the signed contract and bid bond.

The proposed improvements and work shall be completed with the original contract price of $103,562.00 as stated in the contract. Please include **Bid No. and Name: 05-13 Airport Vehicle Access Road**, on all monthly invoices or other correspondence to the Town of Addison.

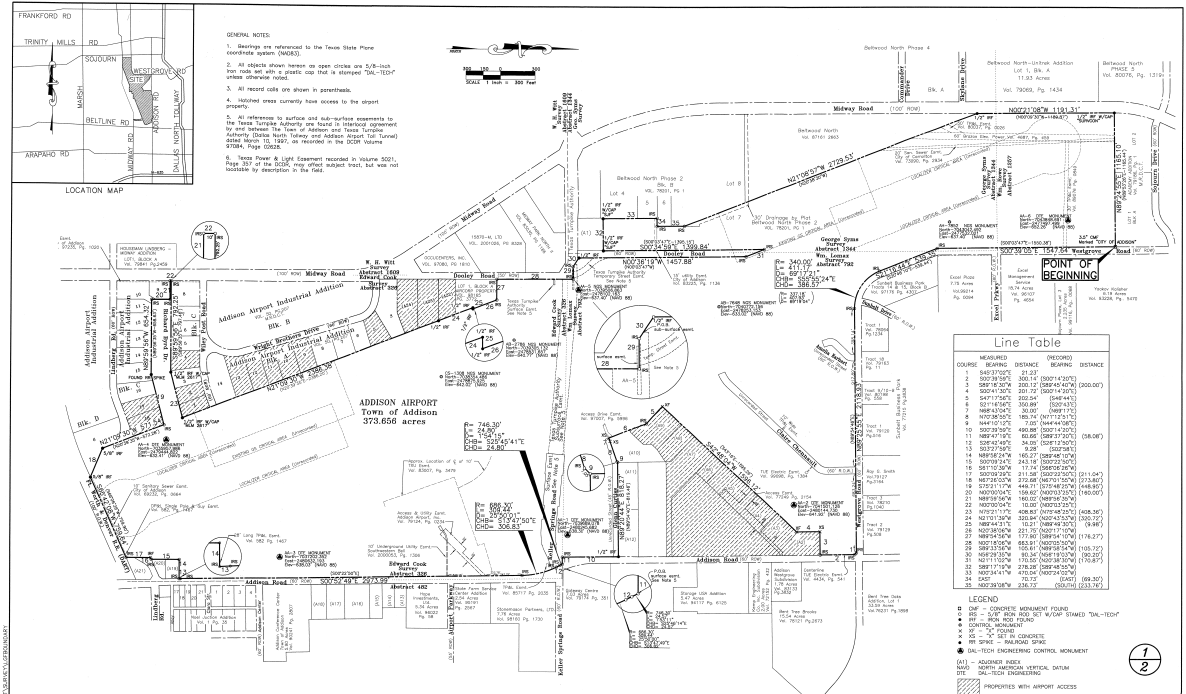
If you have any questions or if I can be of assistance to you, please contact me at 972-450-7089.

Sincerely,

Shanna N. Sims
Budget and Procurement Manager

Enclosures

Copy: Jenny Nicewander



GENERAL NOTES:

1. Bearings are referenced to the Texas State Plane coordinate system (NAD83).

2. All objects shown hereon as open circles are 5/8-inch iron rods set with a plastic cap that is stamped "DAL-TECH" unless otherwise noted.

3. All record calls are shown in parenthesis.

4. Hatched areas currently have access to the airport property.

5. All references to surface and sub-surface easements to the Texas Turnpike Authority are found in Interlocal agreement by and between The Town of Addison and Texas Turnpike Authority (Dallas North Tollway and Addison Airport Toll Tunnel) dated March 10, 1997, as recorded in the DCDR Volume 97084, Page 02628.

6. Texas Power & Light Easement recorded in Volume 5021, Page 357 of the DCDR, may affect subject tract, but was not locatable by description in the field.

Line Table

COURSE	MEASURED BEARING	MEASURED DISTANCE	(RECORD) BEARING	(RECORD) DISTANCE
1	S45°37'02"E	21.23'		
2	S00°39'59"E	300.14'	(S00°14'20"E)	
3	S89°18'30"W	200.12'	(S89°45'40"W)	(200.00')
4	S00°41'30"E	201.72'	(S00°14'20"E)	
5	S47°17'56"E	202.54'	(S46°44'E)	
6	S21°16'56"E	350.89'	(S20°43'E)	
7	N68°43'04"E	30.00'	(N69°17'E)	
8	N70°38'55"E	185.74'	(N71°12'51"E)	
9	N44°10'12"E	7.05'	(N44°44'08"E)	
10	S00°39'59"E	490.88'	(S00°14'20"E)	
11	N89°47'19"E	60.66'	(S89°37'20"E)	(58.08')
12	S26°42'49"E	34.05'	(S26°12'50"E)	
13	S03°27'59"E	9.28'	(S02°58'E)	
14	N89°58'24"W	165.27'	(S89°48'10"W)	
15	S00°09'24"E	243.18'	(S00°22'50"E)	
16	S61°10'39"W	17.74'	(S66°06'26"W)	
17	S00°09'29"E	211.58'	(S00°22'50"E)	(211.04')
18	N67°26'03"W	272.68'	(N67°01'55"W)	(273.80')
19	S75°21'17"W	449.71'	(S75°48'25"W)	(448.95')
20	N00°00'04"E	159.62'	(N00°03'25"E)	(160.00')
21	N89°59'56"W	160.02'	(N89°56'35"W)	
22	N00°00'04"E	10.00'	(N00°03'25"E)	
23	N75°21'17"E	408.83'	(N75°48'25"E)	(408.36')
24	N21°01'39"W	320.94'	(N20°43'53"W)	(320.72')
25	N89°44'31"E	10.21'	(N89°49'30"E)	(9.98')
26	N20°38'06"W	221.75'	(N20°17'10"W)	
27	N89°54'56"W	177.90'	(S89°54'10"W)	(176.27')
28	N00°18'06"W	663.91'	(N00°05'50"W)	
29	S89°33'56"W	105.61'	(N89°58'54"W)	(105.72')
30	N56°29'35"W	90.34'	(N56°19'03"W)	(90.20')
31	N21°11'02"W	170.55'	(N20°38'30"W)	(170.87')
32	S89°17'19"W	278.28'	(S89°48'55"W)	
33	N00°34'41"W	470.04'	(N00°24'02"W)	
34	EAST	70.73'	(EAST)	(69.30')
35	N00°39'08"W	236.73'	(SOUTH)	(233.76')

LEGEND

- CMF – CONCRETE MONUMENT FOUND
- IRS – 5/8" IRON ROD SET W/CAP STAMED "DAL-TECH"
- IRF – IRON ROD FOUND
- CONTROL MONUMENT
- XF – "X" FOUND
- XS – "X" SET IN CONCRETE
- RR SPIKE – RAILROAD SPIKE
- DAL-TECH ENGINEERING CONTROL MONUMENT

(A1) – ADJOINER INDEX
NAVD NORTH AMERICAN VERTICAL DATUM
DTE DAL-TECH ENGINEERING

PROPERTIES WITH AIRPORT ACCESS

1/2

DAL-TECH ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS / SURVEYORS
CONSTRUCTION MANAGERS
17311 DALLAS PARKWAY
SUITE 200
DALLAS, TEXAS 75248
(972) 250-2727 (972) 250-4774

BOUNDARY SURVEY
ADDISON AIRPORT
TOWN OF ADDISON, TEXAS

DRAWN	JOB NO.	CONTRACT NO.	SCALE	DATE
DTE	0107	–	1"=300'	JAN 2002

PLOT DATE: 01-07-01
P:\0107ADDISONAIRPORT\SURVEY\LGFBOUNDARY