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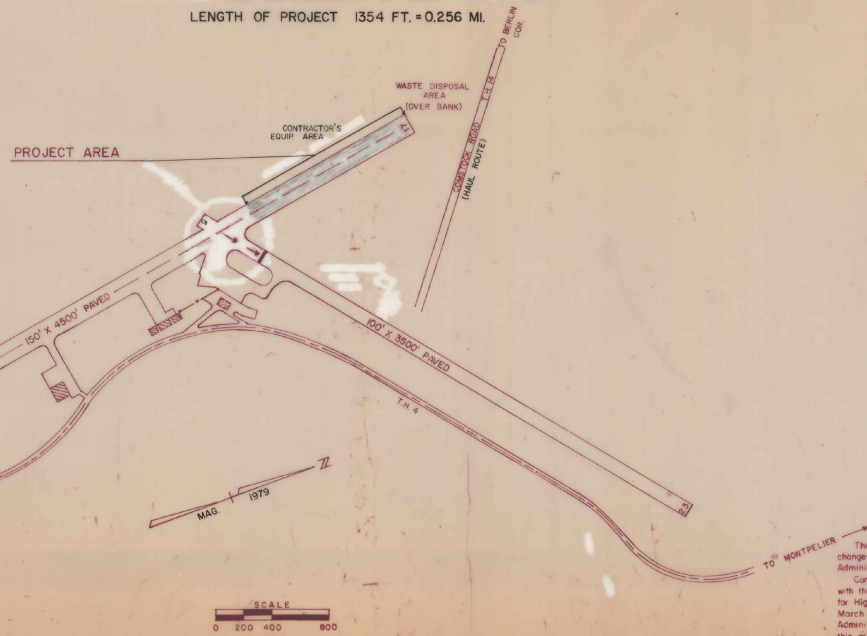
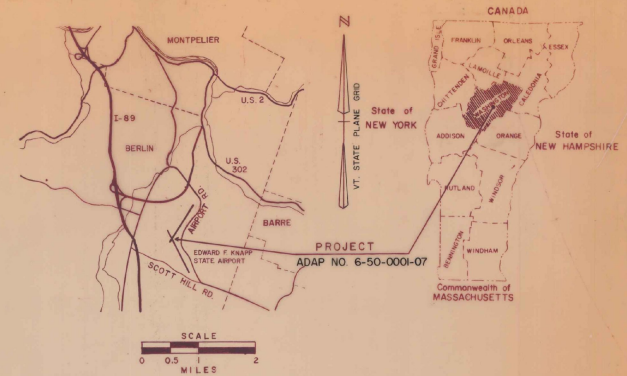
- 1. Title Sheet
- 2. Typical Sheet
- 3. Misc. Details
- 4. Plan Sheet by Grade Sheet
- 5. Plan Profile Sheet
- 6. N. Cross Sections

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWN OF BERLIN
COUNTY OF WASHINGTON
EDWARD F. KNAPP STATE AIRPORT

ADAP NO. 6-50-0001-07
RECONSTRUCTION OF THE NORTH END OF RUNWAY 17-35
AND INSTALLATION OF NEW UNDERDRAIN
LENGTH OF PROJECT 1354 FT. = 0.256 MI.



CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELED WAY	---
GUARD RAIL	---
RAILROAD	---
SURVEY LINE	---
CULVERT	---
POWER POLE	○
TELEPHONE POLE	○
TREES	○
CONTROL OF ACCESS	---
PROPERTY LINE	---
ROW TAKING LINE	---
SLOPE RIGHTS	○
TOP OF CUT	○
TOE OF SLOPE	○

DATUM	---
VERTICAL	ASSUMED
HORIZONTAL	N/A

AS BUILT PLANS
I hereby certify that a check of the construction required by this set of drawings has been accomplished as indicated herein.
By *[Signature]* Resident Engineer
Date *1/1/79*



These plans are subject to such engineering changes as may be required by the Federal Aviation Administration or the Director of Engineering and Constr. Construction to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976, as approved by the Federal Highway Administration on October 27, 1976, for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

ADAP NO. 6-50-0001-07

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED: *[Signature]* STATE ENGINEER
DIRECTOR OF ENGINEERING AND CONSTRUCTION

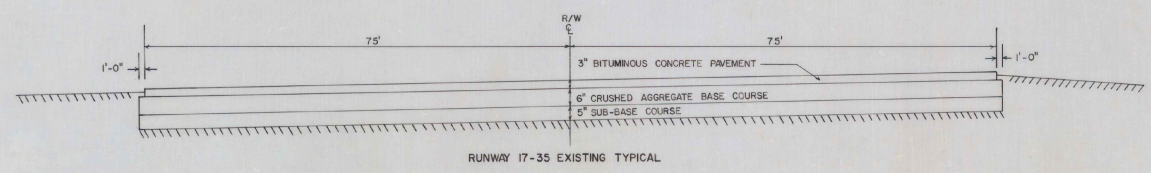
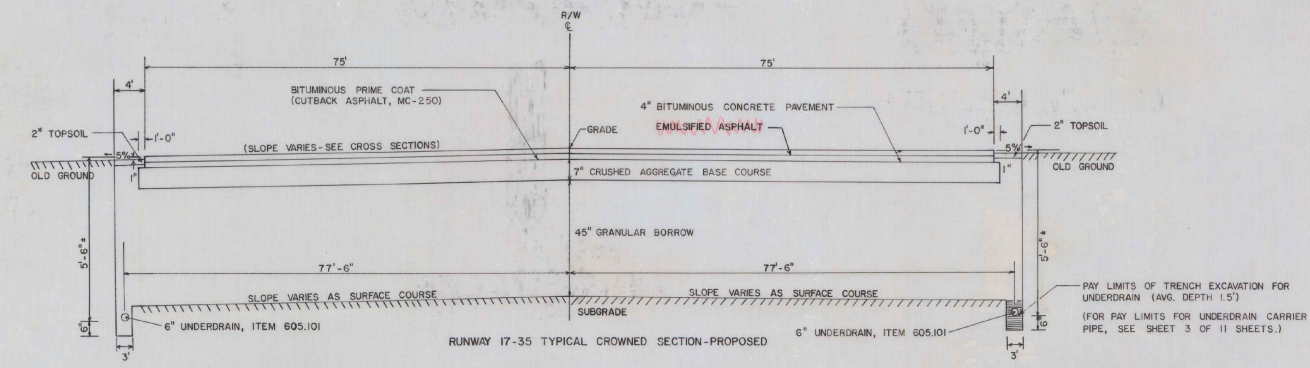
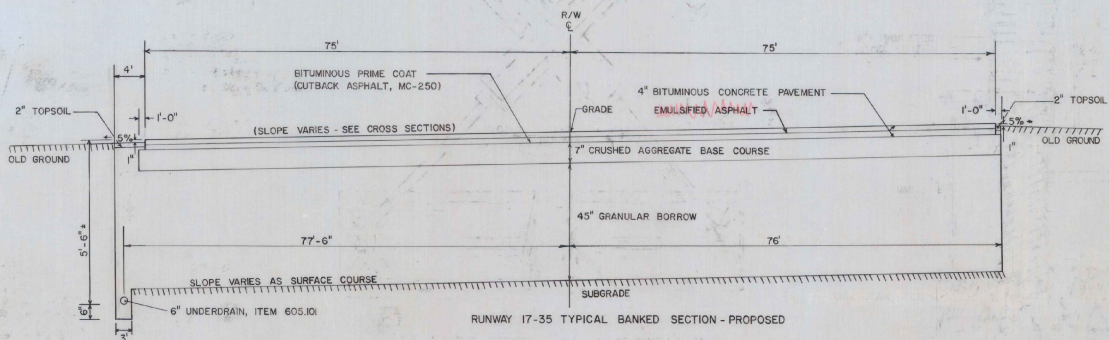
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPROVED: _____ DATE _____
CHIEF, ENGINEERING BRANCH

PROJECT AIR 23-2010
ADAP 6-50-0001-07
SHEET 1 OF 11 SHEETS

TYPICAL SECTIONS

4" BITUMINOUS CONCRETE PAVEMENT, ITEM P-401 (2-2" LIFTS) * (PAY ITEM 853.02)
BITUMINOUS PRIME COAT, ITEM 404.55 (CUTBACK ASPHALT, MC-250)
7" CRUSHED AGGREGATE BASE COURSE, P-209 (PAY ITEM 853.07), GRADATION B
45" GRANULAR BORROW, ITEM 203.25
*** EMULSIFIED ASPHALT, ITEM 404.65, BETWEEN LIFTS (2" TYPE B OVER 2" TYPE A)**



GENERAL NOTES

SEED, ITEM 651.10
TO BE APPLIED AS DIRECTED BY THE ENGINEER

% WT	LBS/A	NAME	PUR %	GERM %
3.33	2	CROWN VETCH	97	75
50.00	30	CREEPING RED FESCUE	98	85
8.33	5	TIKTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	85
8.34	5	ALFALFA (VAR. SARANAC)	99	85
8.33	5	BIRDFOOT TREFOIL (VAR. EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60	LBS/ACRE		

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

FERTILIZER, ITEM 651.15
FORMULA 10-20-10 TO BE USED WITH SEED, ITEM 651.10 APPLIED AT THE RATE OF 500 LBS/ACRE
AGRICULTURAL LIMESTONE, ITEM 651.20
TO BE APPLIED AT RATE OF 2 TONS/ACRE
OR AS DIRECTED BY THE ENGINEER
HAY MULCH, ITEM 651.25
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE
TOPSOIL, ITEM 653.10
TO BE USED WITH SEED, ITEM 651.10
AS DIRECTED BY THE ENGINEER

ALLOWABLE THICKNESS TOLERANCES *
SUB-BASE ± 1"
CONTROLLED MATERIAL ± 1"
PAVEMENT ± 1/4"
BASE COURSE ± 3/8"
*APPLIES TO TOTAL THICKNESS OF ALL LIFTS

NOTES

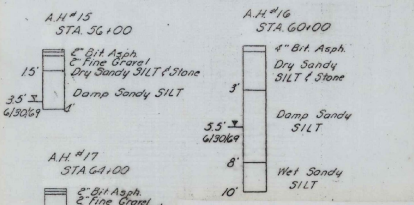
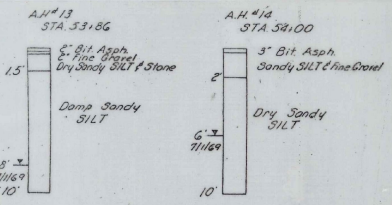
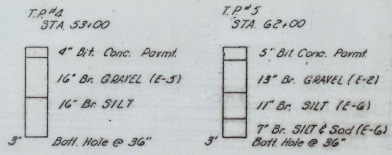
- SUB-GRADE UNDER AREAS TO BE PAVED TO BE COMPACTED TO 95% DENSITY AS PER FAA T-611 (AASHTO T-180).
- BITUMINOUS PRIME COAT TO BE APPLIED AS PER ITEM 404.55, SUBSECTION 404.06 (C), TYPE I, USING MC-250.
- TOP 9" OF GRANULAR BORROW TO BE COMPACTED TO 100% DENSITY (AASHTO T-180).
- AREAS ADJACENT TO THE RUNWAY THAT ARE DISTURBED BY NEW CONSTRUCTION ARE TO BE GRADED, RAKED FREE OF STONES, COVERED WITH 2" OF TOPSOIL, SEEDED, AND ROLLED.

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By _____ Resident Engineer
Date _____

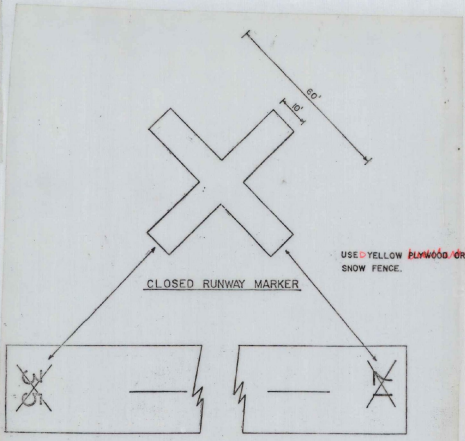
ADAP NO. 6-50-0001-07

EDWARD F. KNAPP AIRPORT

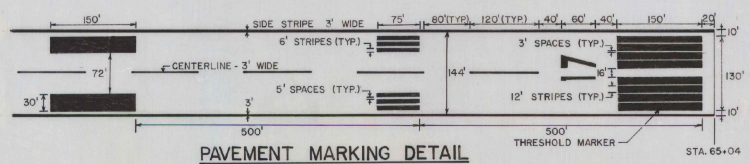




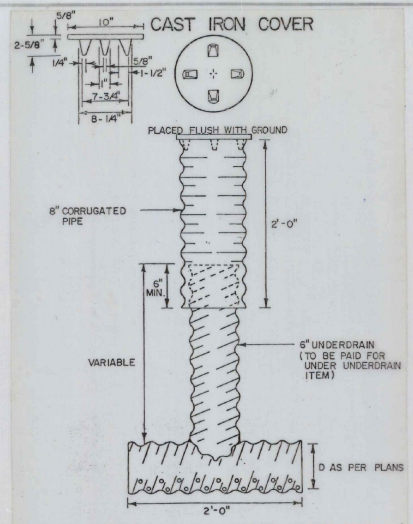
SUB-SOIL DATA
(FOR LOCATION OF HOLES,
SEE SHEET 5 OF 11 SHEETS.)



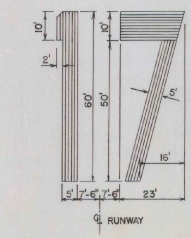
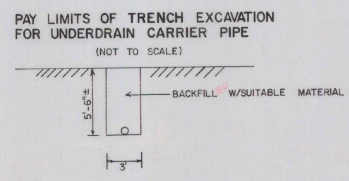
- NOTES**
1. NO SEPARATE BIDDING ITEM FOR CLOSED RUNWAY MARKERS. (PAYMENT WILL BE ~~MADE~~ CONSIDERED SUBSIDIARY TO OTHER CONTRACT ITEMS)
 2. CLOSED RUNWAY MARKERS REQUIRED AT EACH END OF RUNWAY 17-35.
 3. CLOSED RUNWAY MARKERS TO BE IN PLACE DURING THE CONSTRUCTION PERIOD.



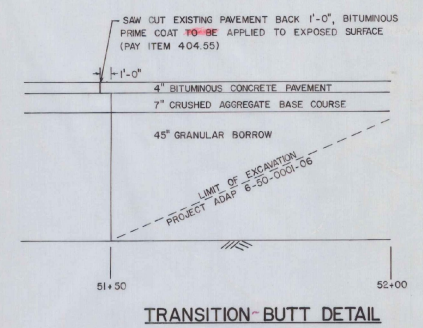
- NOTES**
1. ALL RUNWAY MARKING SHALL BE WHITE AND STRIATED.
 2. ALL RUNWAY DIMENSIONS ARE NOMINAL.
 3. SEE DETAIL FOR STRIATED MARKING.
 4. TYPICALLY, ADD 6" TO ALL WIDTHS.



UNDERDRAIN FLUSHING BASIN



NUMERAL DETAILS



TRANSITION-BUTT DETAIL

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By _____ Resident Engineer
Date _____

MISCELLANEOUS DETAILS

ADAP NO. 6-50-0001-07
EDWARD F. KNAPP AIRPORT



QUANTITY, EARTHWORKS, DRAINAGE AND ITEM DETAIL SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES						DETAILED SUMMARY OF QUANTITIES						GRADES AND EARTHWORK						EARTHWORK SUMMARY				UNDERDRAIN AND CARRIER PIPE													
EROSION CONTROL	BRIDGE	ROADWAY	GRAND TOTAL	UNIT	PAY ITEM	PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM	QUANTITY	UNIT	VC	% GRADE	STATION	ELEVATION	V.C. CORR	AREA (SQ. FT.)	VOL. (CY)	ROCK EXCAVATION (CY)	EMBANKMENT (CY)	AREA (SQ. FT.)	VOL. (CY)	STATION	TYPE	DEPTH (IN)	WIDTH (IN)	LENGTH (FT.)	POSTS	STATION TO STATION	TYPE	DEPTH (IN)	WIDTH (IN)	LENGTH (FT.)	POSTS	
		37000	37000	CY	Common Excavation	203.19	37																												
		100	100	CY	Solid Rock Excavation (est)	209.16																													
		33,700	33,700	CY	Granular Borrow (Subtotal)	203.32	57																												
		475	475	CY	Trench Excavation of Earth	204.20	5																												
		10	10	CY	Trench Excavation of Rock (est)	204.21																													
		475	475	con	Curbside Asphalt (ms-240)	2104.55	11																												
		20	20	con	Gravelled Asphalt	2102.02	22																												
		2	2	CY	Concrete Class B (est)	201.25																													
		200	200	LB	Steel Reinforcing Steel (est)	209.15																													
		2200	2200	LF	6" Underdrain	205.10	26																												
		176	176	LF	6" Underdrain Carrier Pipe (est)	202.19																													
		5	5	EA	Underdrain Flashing Basin	205.25																													
		16	16	HR	6" All Purpose Flange (Rental, Typ. (est))	202.25																													
		16	16	HR	Flange Rental (est)	202.37																													
		100	100	16oz	Dust Control w/ Water (est)	200.10																													
		1	1	1.5	Field Office - Engineers	231.10																													
		1	1	1.5	Mobilization	235.10																													
		120	120	1.5	Food (est)	251.10																													
		1000	1000	1.5	Seed/liger (est)	251.10																													
		4	4	200	Agricultural Limestone (est)	251.20																													
		4	4	200	Play Mulch (est)	251.25																													
		75	75	CY	Topsoil	253.10	18																												
		5020	5020	sq. yd.	Bituminous Concrete Pavement	253.02	52																												
		1	1	1.5	Runway & Taxiway Painting	253.09																													
		4450	4450	CY	Crushed Aggregate Base Course	253.07	4																												

DRAINAGE STRUCTURES															GUARD RAIL				STEEL BEAM WITH POSTS, TYPE II				TYPE OF CONSTRUCTION														
STATION	POS/SKEW	DITCH IN/OUT	R.C.P. IN/OUT	ACCOMP. IN/OUT	OPTION THIN	PIPES 12" CL. IN/OUT	CONC. CL. IN/OUT	IRON CL. IN/OUT	STEEL CL. IN/OUT	OPEN CL. IN/OUT	TRENCH CL. IN/OUT	EXC. CL. IN/OUT	ST. FILL CL. IN/OUT	REMARKS	STATION TO STATION	P. MEASURED LENGTH (FT. & IN.)	POST SPACING (FT. & IN.)	PAY ANCHORS LENGTH (FEET)	REMARKS	STATIONS FROM TO	PAVEMENT WIDTHS +	EQUATIONS -	REMARKS														

AS BUILT PLANS

I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.

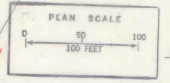
By: *[Signature]* Resident Engineer
Date: 7/6/02

LENGTH OF PROJECT			
STATION	STATION	FEET	MILES
5150	65404	1354	0.256
PROJECT NAME: <i>Franklin Runway (T-35 North End)</i>			
PROJECT ADAP NO: 6-50-0001-07			
PROJECT NO: <i>AIR 23-2010</i>			
SHEET <i>4</i> OF <i>11</i> SHEETS			

Note: BM NE Con Arch
Airport Terminal Bldg.
Elev 1124.93

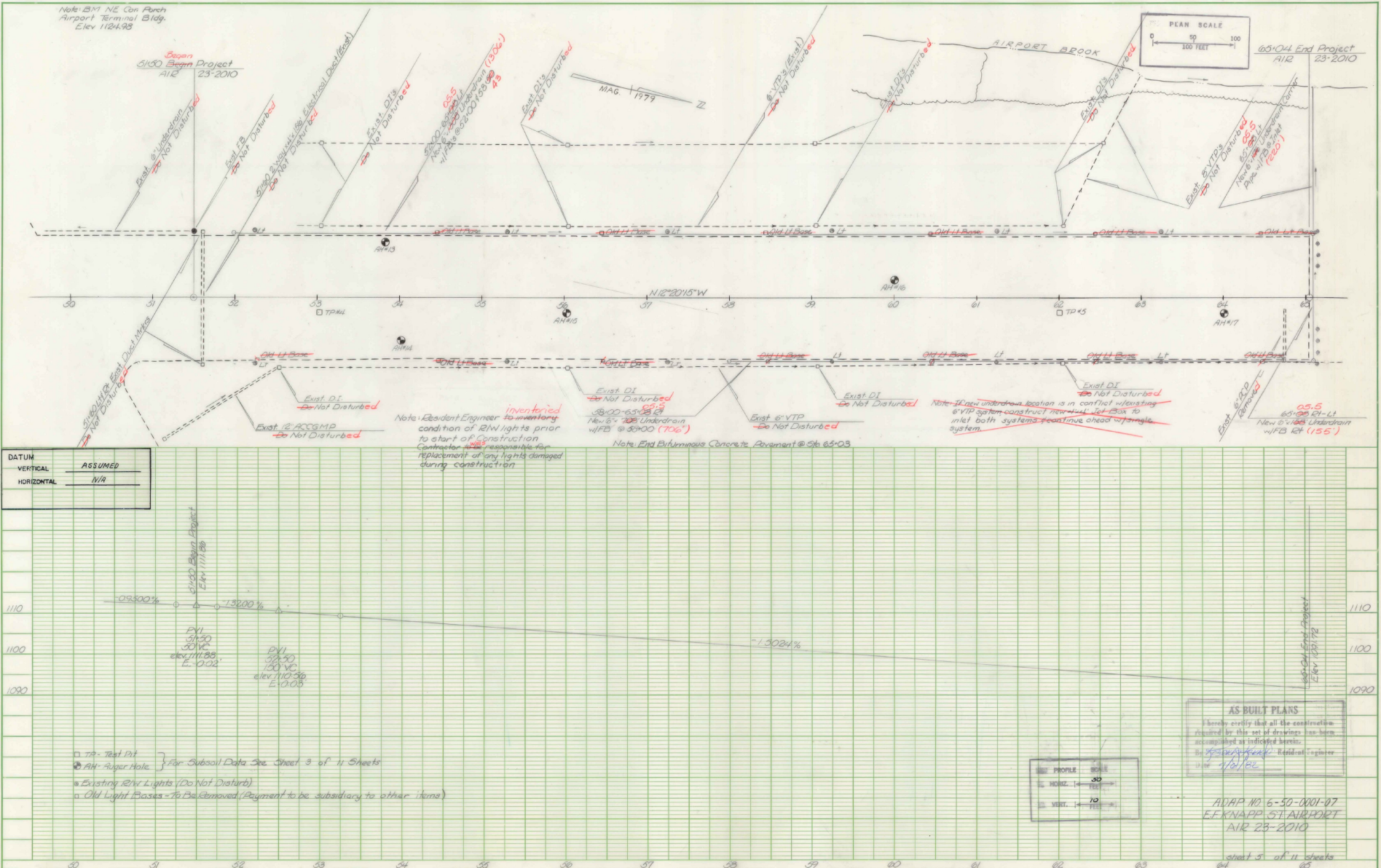
Begin Project
5100 Begin Project
AIR 23-2010

End Project
65-04 End Project
AIR 23-2010



DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
NOTE BOOK	
NO. OF SHEETS	
SHEET NO.	

DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
NOTE BOOK	
NO. OF SHEETS	
SHEET NO.	



Note: Resident Engineer to inventory condition of RW/ights prior to start of construction. Contractor is responsible for replacement of any lights damaged during construction.

Note: End Bituminous Concrete Pavement @ Sta 65+03

Note: if new underdrain location is in conflict w/ existing VTP system construct new dual let box to inlet both systems positive ahead of single system.

OS-5 New 6" x 18" Underdrain w/ FB 6" (1.5')

DATUM	
VERTICAL	ASSUMED
HORIZONTAL	N/A

- TP - Test Pit
- ⊙ AH - Auger Hole
- Existing RW Lights (Do Not Disturb)
- Old Light Bases - To Be Removed (Payment to be subsidiary to other items)

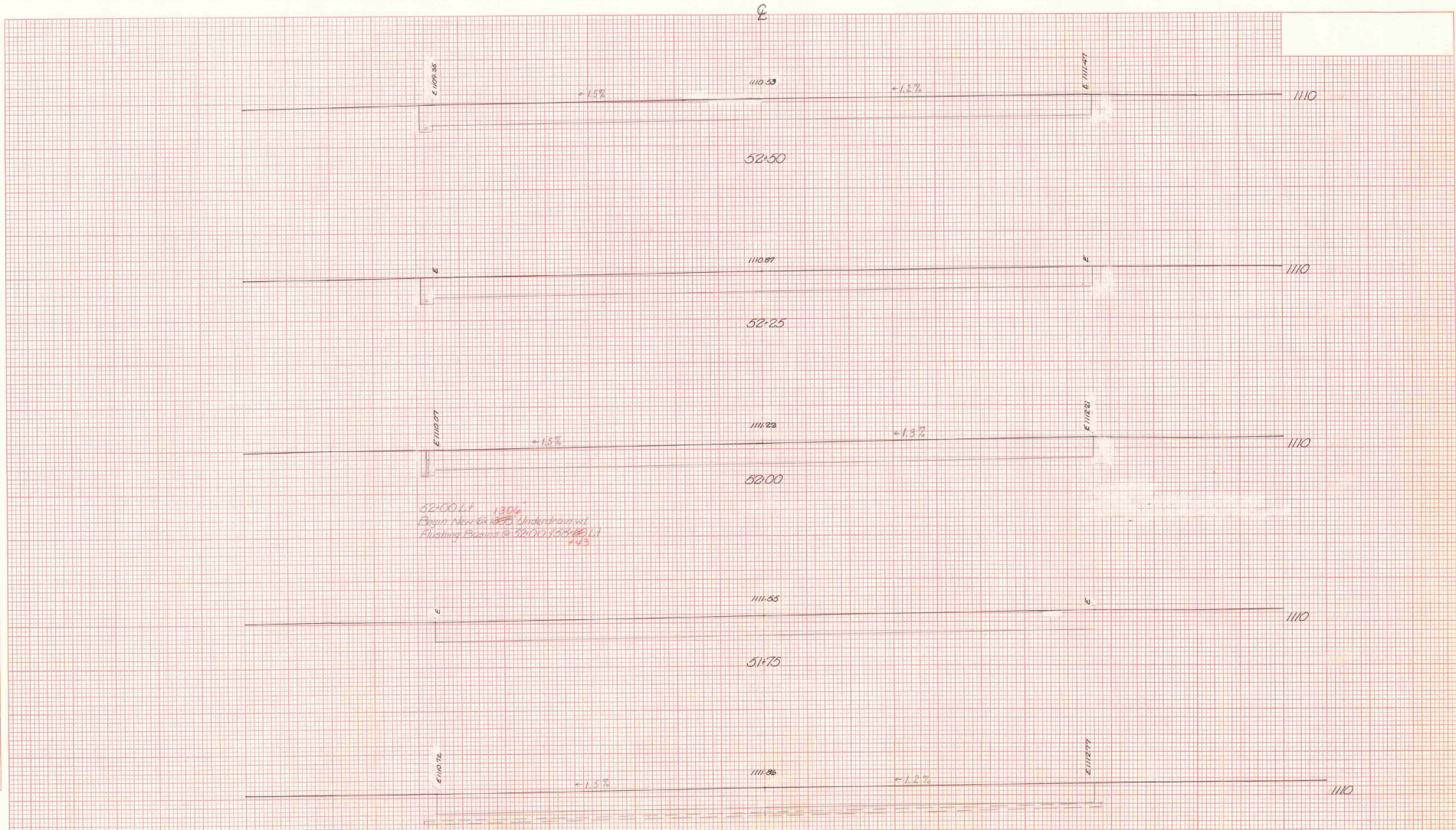
AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By: *[Signature]* Resident Engineer
Date: 1/18/12

DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
NOTE BOOK	
NO. OF SHEETS	
SHEET NO.	

AIRP. NO. 6-50-0001-07
E.F. KNAPP, ST. AIRPORT
AIR 23-2010

FINAL SURVEY
 PROJECT NO. _____
 SHEET NO. _____
 DATE _____

DESIGNED BY _____
 CHECKED BY _____
 DATE _____



52.00 Lt 130' Begin Man for 100' Underdrain at Flushing Basins @ 52.00 (52.00) Lt 44.3

51.50
 2' Wdg. of 100'
 Electrical Ducts
 Do Not Disturb

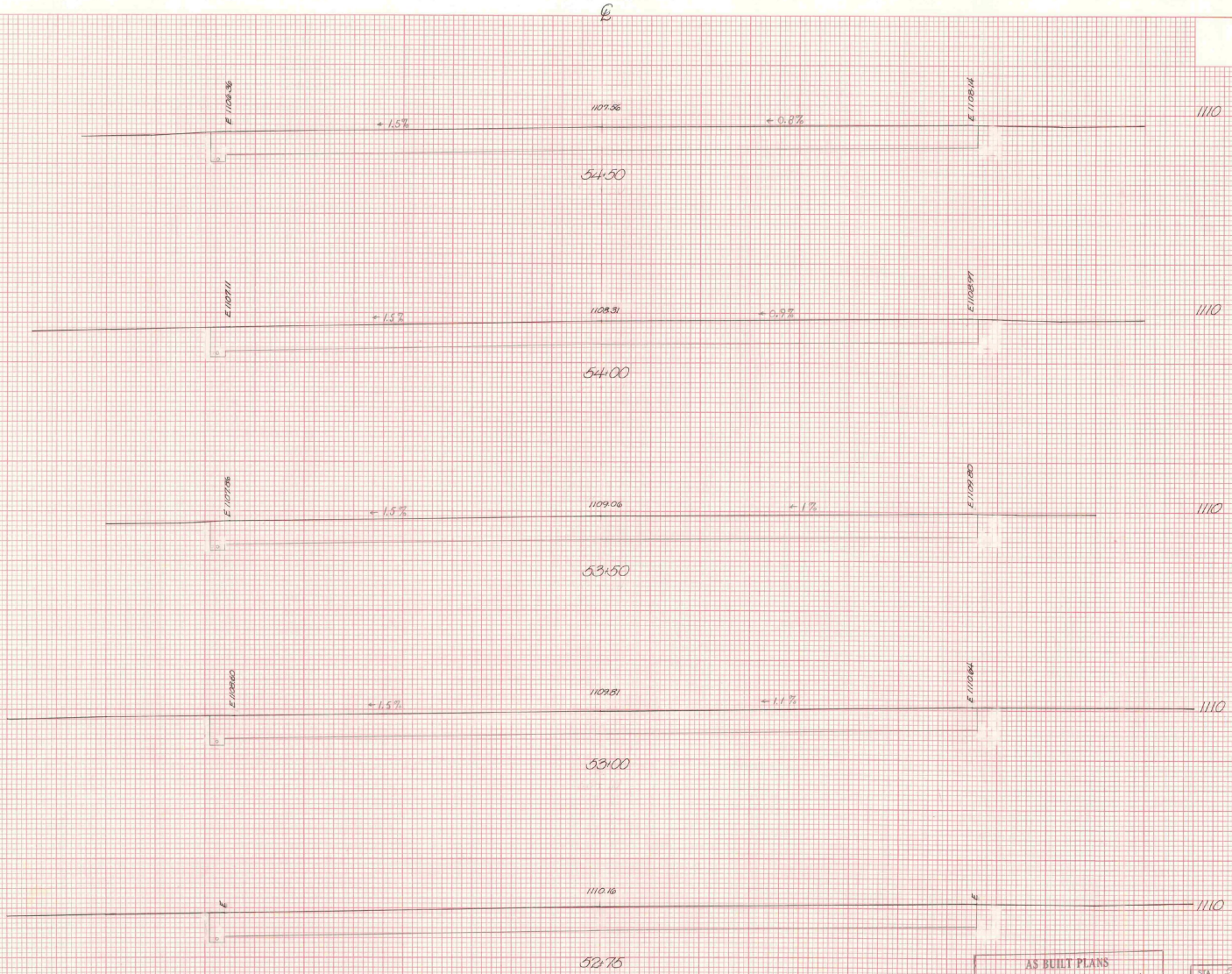
51.50
 Begin Project
 11/23/2010

AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By: *[Signature]* Resident Engineer
 Date: 1/1/11

STA. 110.00	STA. 112.27
TOWN OF WYANDOTT, MO.	PROJ. NO. 2010-001
SHEET 80	OF 111 SHEETS
HORIZ. AND VERT. SCALE	
0	10
DATE	

DATE	
BY	
APPROVED	
DESIGNED	
DRAWN	
CHECKED	
NO.	

DATE	
BY	
APPROVED	
DESIGNED	
DRAWN	
CHECKED	
NO.	



AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been completed as indicated herein.
 Date: 2/1/56
 Resident Engineer

STA.	1107.36	STA.	1109.80
TOWN	LEITCHFIELD	NO.	21123-2510
PROJECT	RD. 110	DATE	2/1/56
SHEET	20	SHEETS	20
HORIZ. AND VERT. SCALE			
1" = 40'			
DATE	2/1/56	DATE	

FINAL SURVEY	REVISED	DATE
NO. 1000	NO. 1000	
DATE	DATE	

ORIGINAL SURVEY	REVISED	DATE
NO. 1000	NO. 1000	
DATE	DATE	

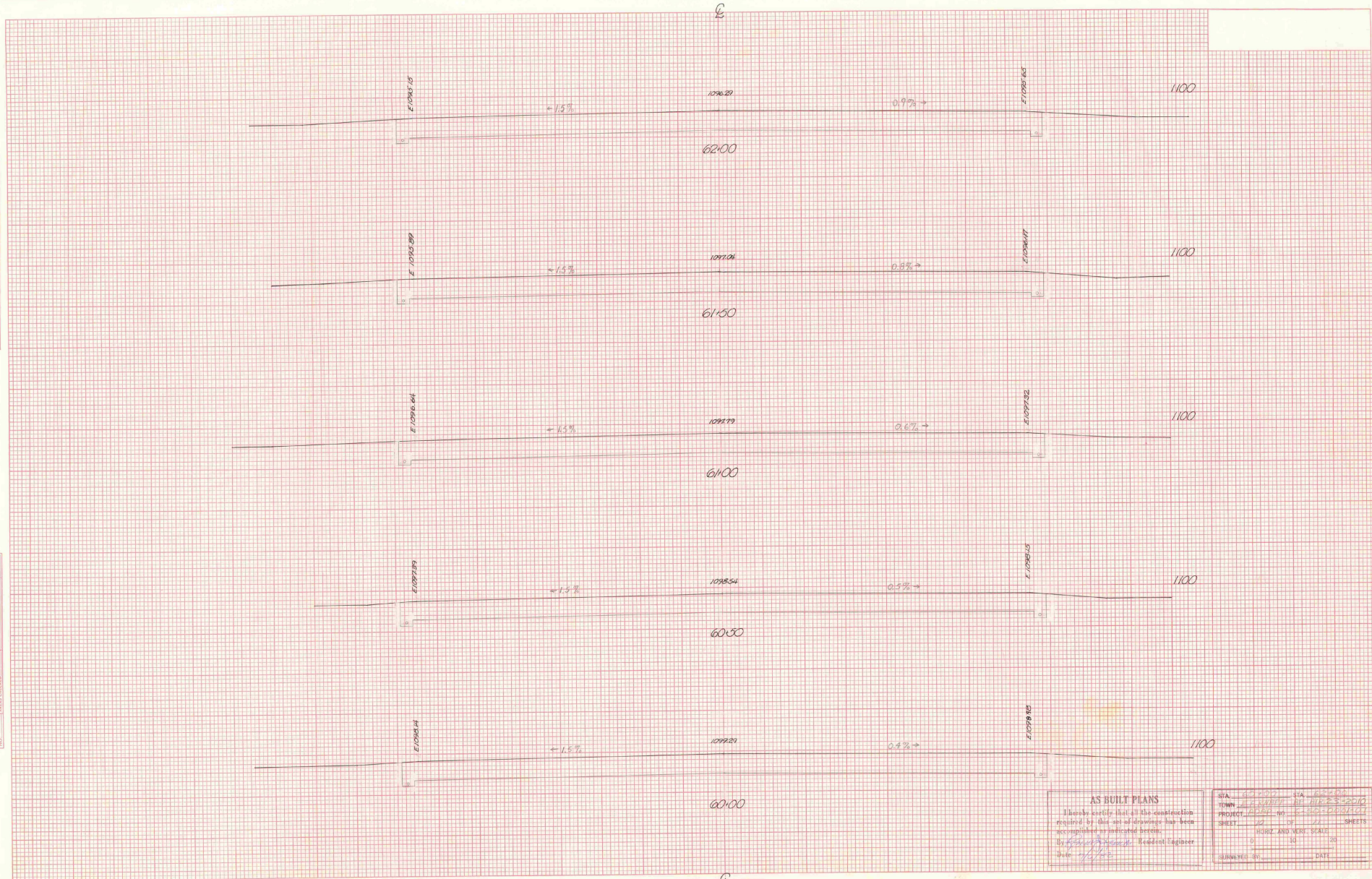


AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By: *[Signature]* Resident Engineer
 Date: 11/16/2010

STA.	3+00.00	STA.	3+40.00
TOWN	EF-KUMHP-RR-23-2010		
PROJECT	NO. 1000	NO. 1000	NO. 1000
SHEET	1	SHEETS	1
HORIZ. AND VERT. SCALE		HORIZ. AND VERT. SCALE	
1" = 40'	1" = 40'	1" = 40'	1" = 40'
DATE	11/16/2010	DATE	11/16/2010

FINAL SURVEY	REVISION	DATE
NO. 1	NO. 1	NO. 1
DATE	DATE	DATE
BY	BY	BY
BY	BY	BY

ORIGINAL SURVEY	DATE
NO. 1	NO. 1
DATE	DATE
BY	BY
BY	BY



AS BUILT PLANS		SIA: 62-0001	SIA: 62-0002
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.		TOWN: LAKEVILLE	DATE: APR 23 2010
By: <i>[Signature]</i> Resident Engineer		PROJECT: 10000	NO. 1
Date: 4/23/10		SHEET: 10	OF 11 SHEETS
		HORIZ. AND VERT. SCALE:	
		1" = 10'	1" = 20'
		SURVEYED BY:	DATE:

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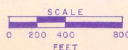
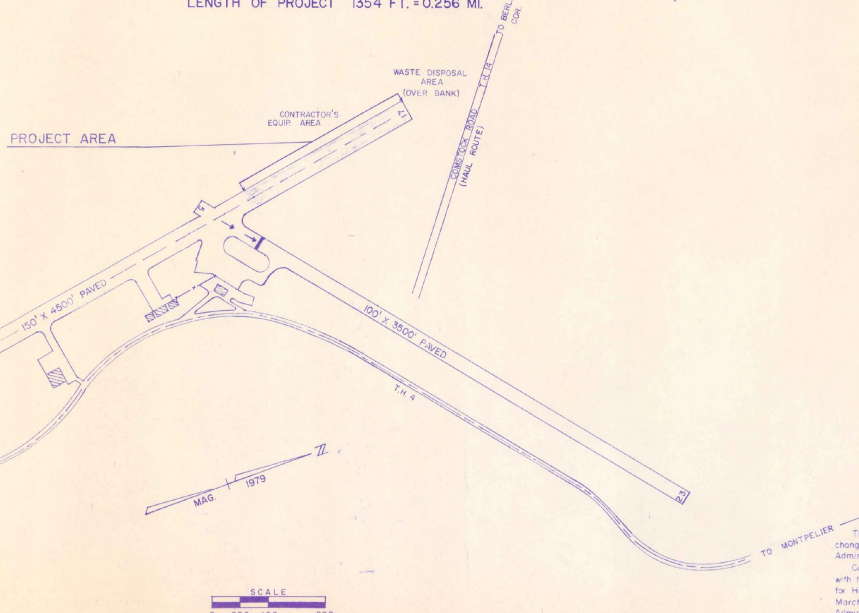
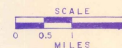
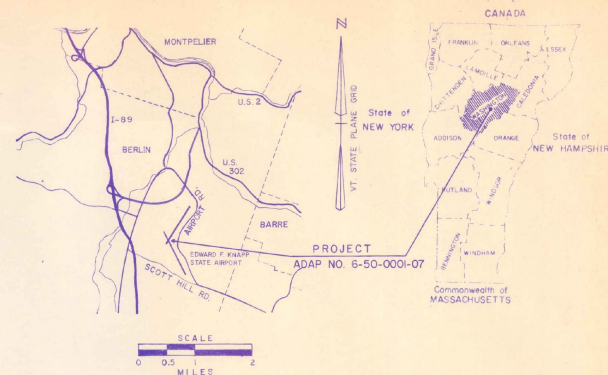
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Sheet 8 of 11
Sheet 9 of 11
Sheet 10 of 11
Sheet 11 of 11

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWN OF BERLIN COUNTY OF WASHINGTON EDWARD F. KNAPP STATE AIRPORT

ADAP NO. 6-50-0001-07
RECONSTRUCTION OF THE NORTH END OF RUNWAY 17-35
AND INSTALLATION OF NEW UNDERDRAIN
LENGTH OF PROJECT 1354 FT. = 0.256 MI.



CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	---
LOW SPALLS	---
PAVING OF ACCESS	---
PAVED ROAD	---
STONE WALL	---
TRIPLE DRAIN	---
RUNWAY	---
RAILROAD	---
SURVEY LINE	---
CONCRETE	---
VIEWER POLE	---
TELEPHONE POLE	---
TRUCK	---
EQUIPMENT ACCESS	---
PROPERTY LINE	---
ROAD TAKING LINE	---
SLOPE RIGHTS	---
TOP OF CUT	---
TOP OF SLOPE	---

DATUM	
VERTICAL	ASSUMED
HORIZONTAL	N/A

AS BUILT PLAN
This plan was prepared in accordance with the specifications of the Vermont Department of Transportation and the Federal Aviation Administration. It is subject to change without notice.
By: [Signature]
Date: [Date]

ADAP NO. 6-50-0001-07

APPROVED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED: [Signature] DATE [Date]
DIRECTOR OF ENGINEERING AND CONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

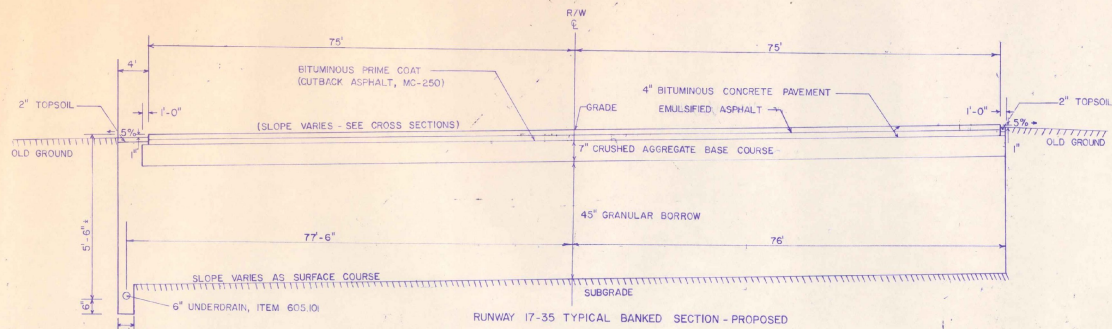
APPROVED: [Signature] DATE [Date]
CHIEF, ENGINEERING BRANCH

PROJECT AIR NO. 23-200
ADAP 6-50-0001-07
SHEETS 1 OF 11 SHEETS

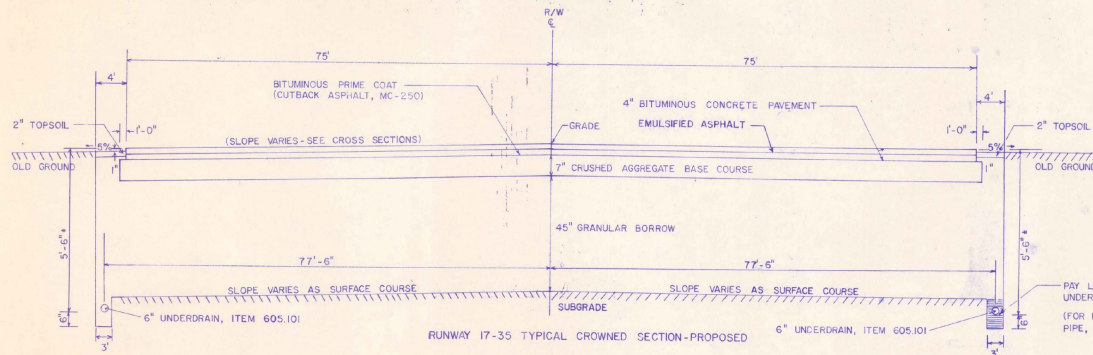
These plans are subject to such engineering changes as may be required by the Federal Aviation Administration or the Director of Engineering and Construction in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976, as approved by the Federal Highway Administration on October 27, 1976 for use on this project including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

TYPICAL SECTIONS

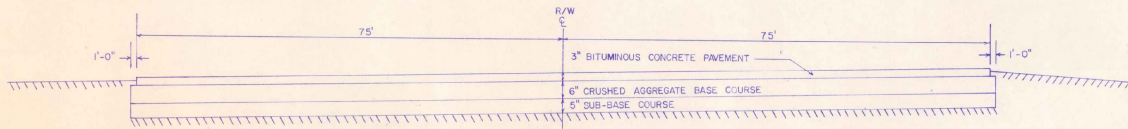
4" BITUMINOUS CONCRETE PAVEMENT, ITEM P-401 (2-2" LIFTS)* (PAY ITEM 853.02)
BITUMINOUS PRIME COAT, ITEM 404.55 (CUTBACK ASPHALT, MC-250)
7" CRUSHED AGGREGATE BASE COURSE, P-209 (PAY ITEM 853.07), GRADATION B
45" GRANULAR BORROW, ITEM 203.25
***EMULSIFIED ASPHALT, ITEM 404.65, BETWEEN LIFTS (2" TYPE B OVER 2" TYPE A)**



RUNWAY 17-35 TYPICAL BANKED SECTION - PROPOSED



RUNWAY 17-35 TYPICAL CROWNED SECTION - PROPOSED



RUNWAY 17-35 EXISTING TYPICAL

GENERAL NOTES

SEED, ITEM 651.10				
TO BE APPLIED AS DIRECTED BY THE ENGINEER				
% WT	LBS/A	NAME	PUR %	GERM %
3.33	2	CROWN VETCH	97	75
50.00	30	CREeping RED FESCUE	98	85
8.33	5	TIMOTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	85
8.34	5	ALFALFA (VAR. SARANAC)	99	85
8.33	5	BIROFOOT TREFOLI (VAR. EMPIRE)	99	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60 LBS/ACRE			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

- FERTILIZER, ITEM 651.15
 FORMULA 10-20-10 TO BE USED WITH SEED, ITEM 651.10 APPLIED AT THE RATE OF 500 LBS/ACRE
- AGRICULTURAL LIMESTONE, ITEM 651.20
 TO BE APPLIED AT RATE OF 2 TONS/ACRE AS DIRECTED BY THE ENGINEER
- HAY MULCH, ITEM 651.25
 TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE
- TOPSOIL, ITEM 653.10
 TO BE USED WITH SEED, ITEM 651.10 AS DIRECTED BY THE ENGINEER

ALLOWABLE THICKNESS TOLERANCES *

SUB-BASE	± 1"
CONTROLLED MATERIAL	± 1"
PAVEMENT	± 1/4"
BASE COURSE	± 3/8"

*APPLIES TO TOTAL THICKNESS OF ALL LIFTS

NOTES

- SUB-GRADE UNDER AREAS TO BE PAVED TO BE COMPACTED TO 95% DENSITY AS PER FAA T-611 (AASHTO T-180).
- BITUMINOUS PRIME COAT TO BE APPLIED AS PER ITEM 404.55, SUBSECTION 404.06 (C), TYPE I, USING MC-250.
- TOP 9" OF GRANULAR BORROW TO BE COMPACTED TO 100% DENSITY (AASHTO T-180).
- AREAS ADJACENT TO THE RUNWAY THAT ARE DISTURBED BY NEW CONSTRUCTION ARE TO BE GRADED, RAKED FREE OF STONES, COVERED WITH 2" OF TOPSOIL, SEEDED, AND ROLLED.

AS BUILT PLANS

If the contractor has a completed set of as-built plans, they must be submitted to the District Engineer for review and approval.

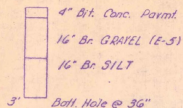
ADAP NO. 6-50-0001-07

EDWARD F. KNAPP AIRPORT

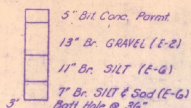


PROJ. AIR NO 23-2010 SHEET 2 OF 7

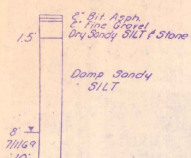
T.P.#4
STA 53+00



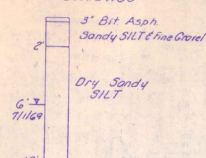
T.P.#5
STA 62+00



A.H.#13
STA 53+86



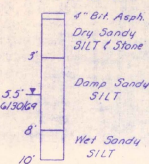
A.H.#12
STA 54+00



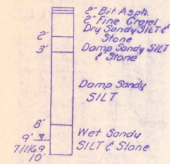
A.H.#15
STA 56+00



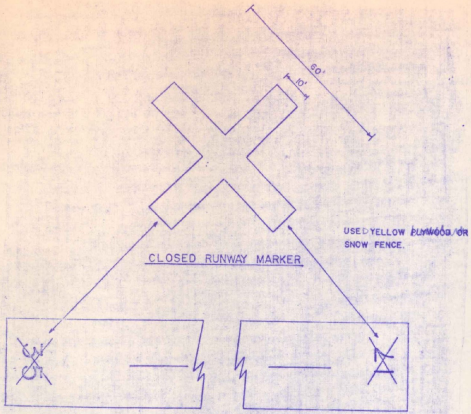
A.H.#16
STA 60+00



A.H.#17
STA 64+00



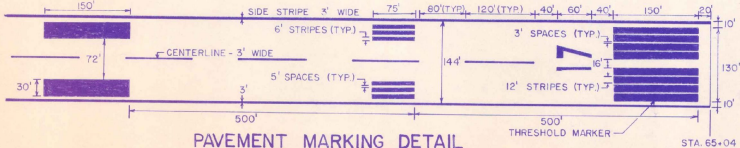
SUB-SOIL DATA
(FOR LOCATION OF HOLES,
SEE SHEET OF SHEETS.)



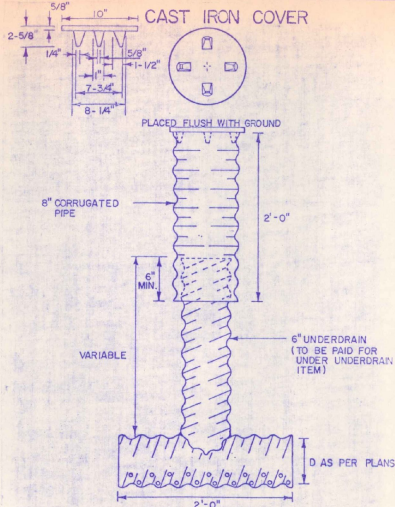
- NOTES**
- NO SEPARATE DAY ITEM FOR CLOSED RUNWAY MARKERS. (PAYMENT WILL BE CONSIDERED SUBSIDIARY TO OTHER CONTRACT ITEMS)
 - CLOSED RUNWAY MARKERS REQUIRED AT EACH END OF RUNWAY 17-35.
 - CLOSED RUNWAY MARKERS TO BE IN PLACE DURING THE CONSTRUCTION PERIOD.



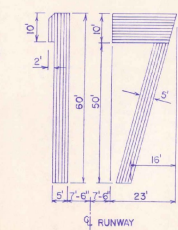
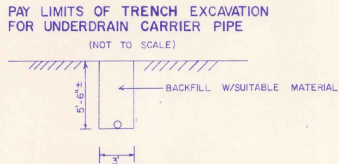
STRIATED MARKING DETAIL
SCALE: 1"=12"



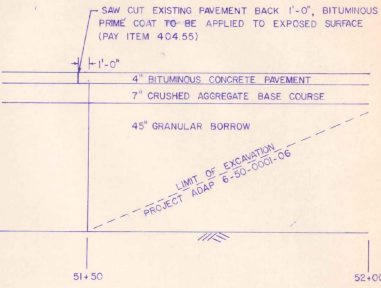
- NOTES**
- ALL RUNWAY MARKING SHALL BE WHITE AND STRIATED.
 - ALL RUNWAY DIMENSIONS ARE NOMINAL.
 - SEE DETAIL FOR STRIATED MARKING.
 - TYPICALLY, ADD 6" TO ALL WIDTHS.



UNDERDRAIN FLUSHING BASIN



NUMERAL DETAILS



TRANSITION BUTT DETAIL

AS BUILT PLANS
I hereby certify that all the construction shown on this drawing has been completed in accordance with the plans and specifications of the Vermont Agency of Transportation.

MISCELLANEOUS DETAILS

ADAP NO. 6-50-0001-07
EDWARD F. KNAPP AIRPORT



QUANTITY, EARTHWORKS, DRAINAGE AND ITEM DETAIL SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES					DETAILED SUMMARY OF QUANTITIES					GRADES NO EARTHWORK					EARTHWORK SUMMARY					UNDERDRAIN AND CARRIER PIPE									
EROSION CONTROL	BERMS	GRAND TOTAL	UNIT	PAY ITEM	PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM	V.C. CORR	STATION	ELEVATION	V.C. CORR	STATION	ELEVATION	AREA (SQ FT)	VOL (CY)	AREA (SQ FT)	VOL (CY)	AREA (SQ FT)	VOL (CY)	STATION TO STATION	TYPE	DEPTH (IN)	LENGTH (FT)	QUANTITY	UNIT	REMARKS		
		3700	CY	Common Excavation	203.25	27				120+17	17.35		120+17	17.35															
		100	LC	Ball Road Excavation (est)	203.16	1				120+18	17.85		120+18	17.85															
		3370	CB	Granular Excavation (Autoclean)	203.28	27				120+19	18.12	0.00	120+19	18.12															
		475	CS	Trench Excavation of Earth	204.20	5				120+20	18.58	-0.01	120+20	18.58															
		10	CS	Trench Excavation of Rock (est)	204.21	1				120+21	19.06	-0.02	120+21	19.06															
		418	CS	Clack Asphalt (150-200)	104.53	21				120+22	19.56	0.00	120+22	19.56															
		8	CS	Compacted Asphalt	104.60	4				120+23	20.00	0.00	120+23	20.00															
		8	CS	Concrete Slabs (est)	201.28	4				120+24	20.47	-0.02	120+24	20.47															
		200	LB	Reinforcing Steel (est)	201.15	1				120+25	20.86	0.00	120+25	20.86															
		2200	LF	Underdrain	605.01	20				120+26	21.25	-0.02	120+26	21.25															
		170	LF	Underdrain Carrier Pipe (est)	605.181	1				120+27	21.64	-0.02	120+27	21.64															
		6	EA	Underdrain Endcap Basin	205.95	1				120+28	22.03	0.00	120+28	22.03															
		16	HR	All Purpose Excavation (Total Type Item)	208.24	1				120+29	22.42	0.00	120+29	22.42															
		18	HR	Dust Control (est)	208.27	1				120+30	22.81	0.00	120+30	22.81															
		100	HR	Dust Control of Water (est)	208.10	1				120+31	23.20	0.00	120+31	23.20															
		1	LS	Field Office - Engineers	231.10	1				120+32	23.59	0.00	120+32	23.59															
		1	LS	Mobilization	231.10	1				120+33	23.98	0.00	120+33	23.98															
		120	LS	Soil (est)	231.15	1				120+34	24.37	0.00	120+34	24.37															
		1000	LS	Rockfill (est)	231.15	1				120+35	24.76	0.00	120+35	24.76															
		4	LS	Impervious Membrane (est)	231.10	1				120+36	25.15	0.00	120+36	25.15															
		4	LS	Flow Control (est)	231.15	1				120+37	25.54	0.00	120+37	25.54															
		70	CS	Topsoil	231.10	8				120+38	25.93	0.00	120+38	25.93															
		3000	CS	Continuous Concrete Pavement	232.00	24				120+39	26.32	0.00	120+39	26.32															
		1	LS	Excavation & Temporary Retaining	232.00	1				120+40	26.71	0.00	120+40	26.71															
		1100	CS	Gravel Approach to Base Course	232.00	1				120+41	27.10	0.00	120+41	27.10															

DRAINAGE STRUCTURES															GUARD RAIL					STEEL BEAM WITH POSTS, TYPE II					TYPE OF CONSTRUCTION				
STATION	POB/ASKEW	TYPE	DEPTH (IN)	WIDTH (IN)	SPACING (FT)	LENGTH (FT)	REMARKS	STATION TO STATION	MEASURED LENGTH (FT)	POST SPACING (FT)	POST FACTOR	POST LENGTH (FT)	ANCHORS (EA)	REMARKS	STATIONS	PREVAILING WIDTH	EDGINGS	REMARKS											

AS BUILT PLANS
I hereby certify that all the construction required by the set of drawings has been accomplished as indicated hereon.
By: _____
Resident Engineer
Date: _____

LENGTH OF PROJECT
STATION: 1180 TO 1250
FEET: 70
MILES: 0.133
REMARKS: Mountain View Road (1180 to 1250)

COLUMN TOTALS: 1354 1256
PROJECT NO: 6-50-000-07
NAME: E-Flow Support
SHEET: 2 OF 11 SHEETS

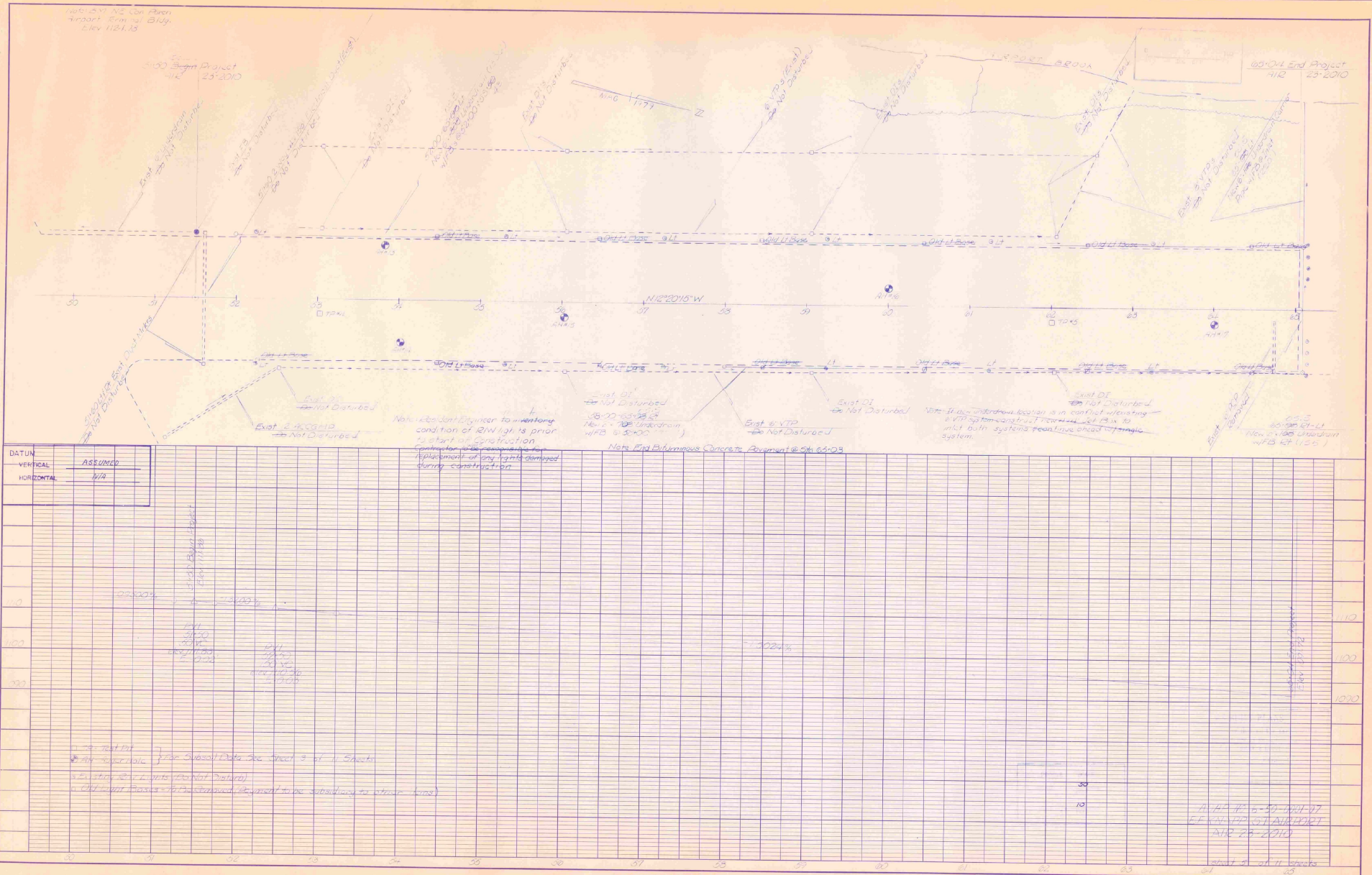
100'± NE con. Avera
 Airport Elm St Bldg.
 Elev 112.13

100'± Begin Project
 412 25-2010

100'± End Project
 412 25-2010

PLAN
 SHEET NO. 11
 DATE 11/11/10
 DRAWN BY J. J. [unclear]
 CHECKED BY [unclear]
 IN CHARGE BY [unclear]

PROFILE
 SHEET NO. 11
 DATE 11/11/10
 DRAWN BY J. J. [unclear]
 CHECKED BY [unclear]
 IN CHARGE BY [unclear]



DATUM	VERTICAL	ASSUMED
	HORIZONTAL	N/A

Note: Use centerline as a reference condition of RW right is prior to start of construction. Contractor will be responsible for placement of any rights damaged during construction.

Exist. DI
 Not Disturbed
 18\"/>

Exist. DI
 Not Disturbed
 18\"/>

Exist. DI
 Not Disturbed
 18\"/>

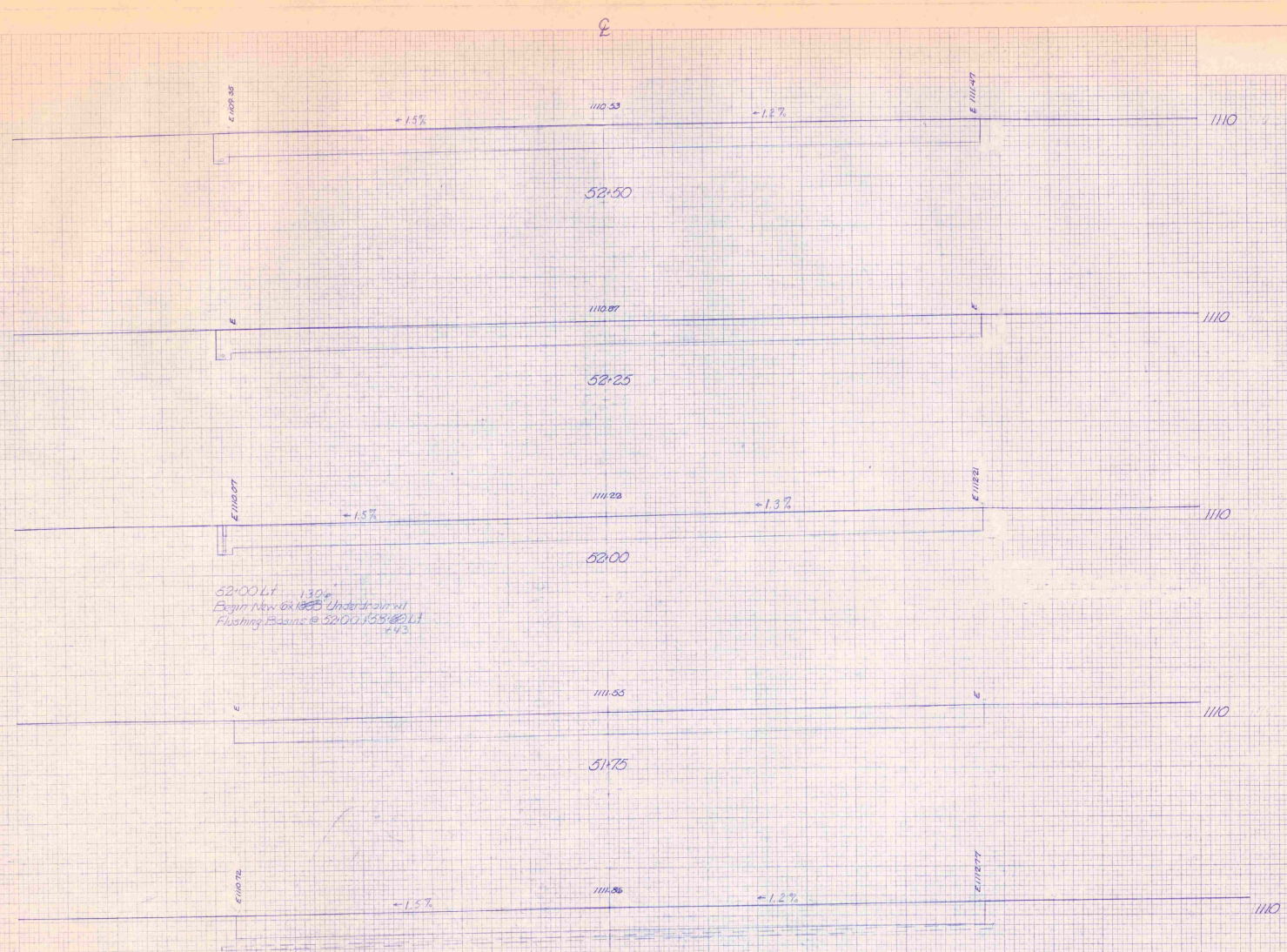
Exist. DI
 Not Disturbed
 18\"/>

- 1. 20'± DI
- 2. 18'± DI
- 3. 16'± DI
- 4. 14'± DI
- 5. 12'± DI
- 6. 10'± DI
- 7. 8'± DI
- 8. 6'± DI
- 9. 4'± DI
- 10. 2'± DI

11/11/10
 11/11/10
 11/11/10

FINAL SURVEY INSTRUMENTS

FINAL SURVEY INSTRUMENTS



52+00.41
 Begin New 6x10 Underdrain at
 Flushing Basin @ 52+00.155 @ 21
 #43

51+65
 Begin Project
 Electrical Ducts
 Do Not Disturb

51+50
 Begin Project
 LAIR 23-210

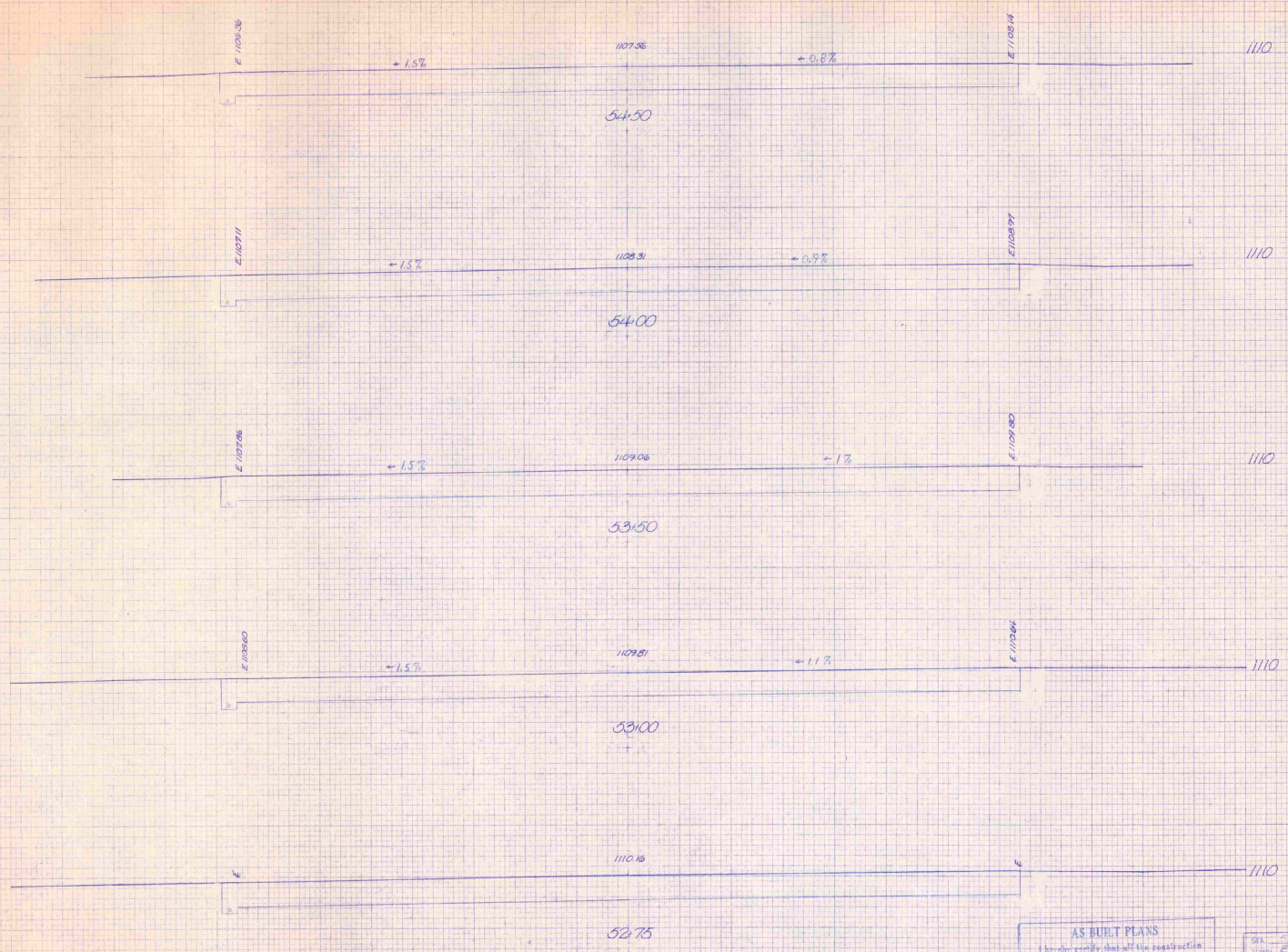
AS-BUILT PLANS
 I hereby certify that all the construction required for this set of drawings has been approved as indicated herein.
 By: *[Signature]*
 Date: 7/17/76

SIN	DATE	SIN	DATE
1	7/17/76	2	7/17/76
PROJECT		SHEETS	
LAIR 23-210		11	
SHEET		DATE	
11		7/17/76	
DRAWN AND CHECKED		DATE	
[Signature]		7/17/76	

E. HALL
 DRAWING NO. 1110
 PROJECT NO. 1110
 SHEET NO. 1110

ORIGINAL
 COPY
 DATE
 BY
 NO.

B

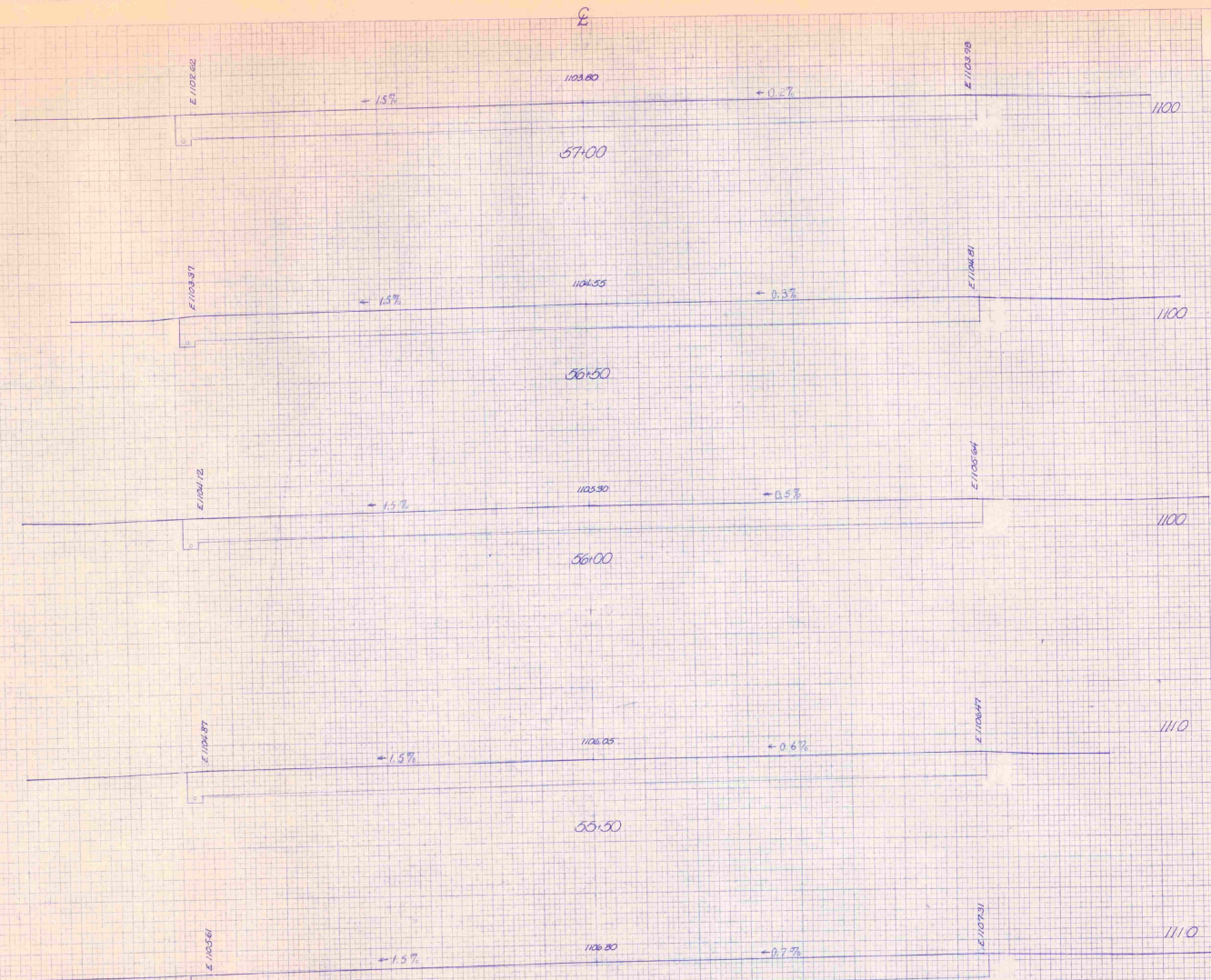


AS BUILT PLANS
 I hereby certify that all the construction
 required by this set of drawings has been
 accomplished as indicated herein.
 Date: _____
 D.R.S. _____

SHEET NO.	1110	OF	11	SHEETS
PROJECT NO.	1110	E. HALL		
DATE		DATE		

COUNTY OF ...
 ENGINEER'S OFFICE
 100 ...
 ...
 ...

COUNTY OF ...
 ENGINEER'S OFFICE
 100 ...
 ...
 ...

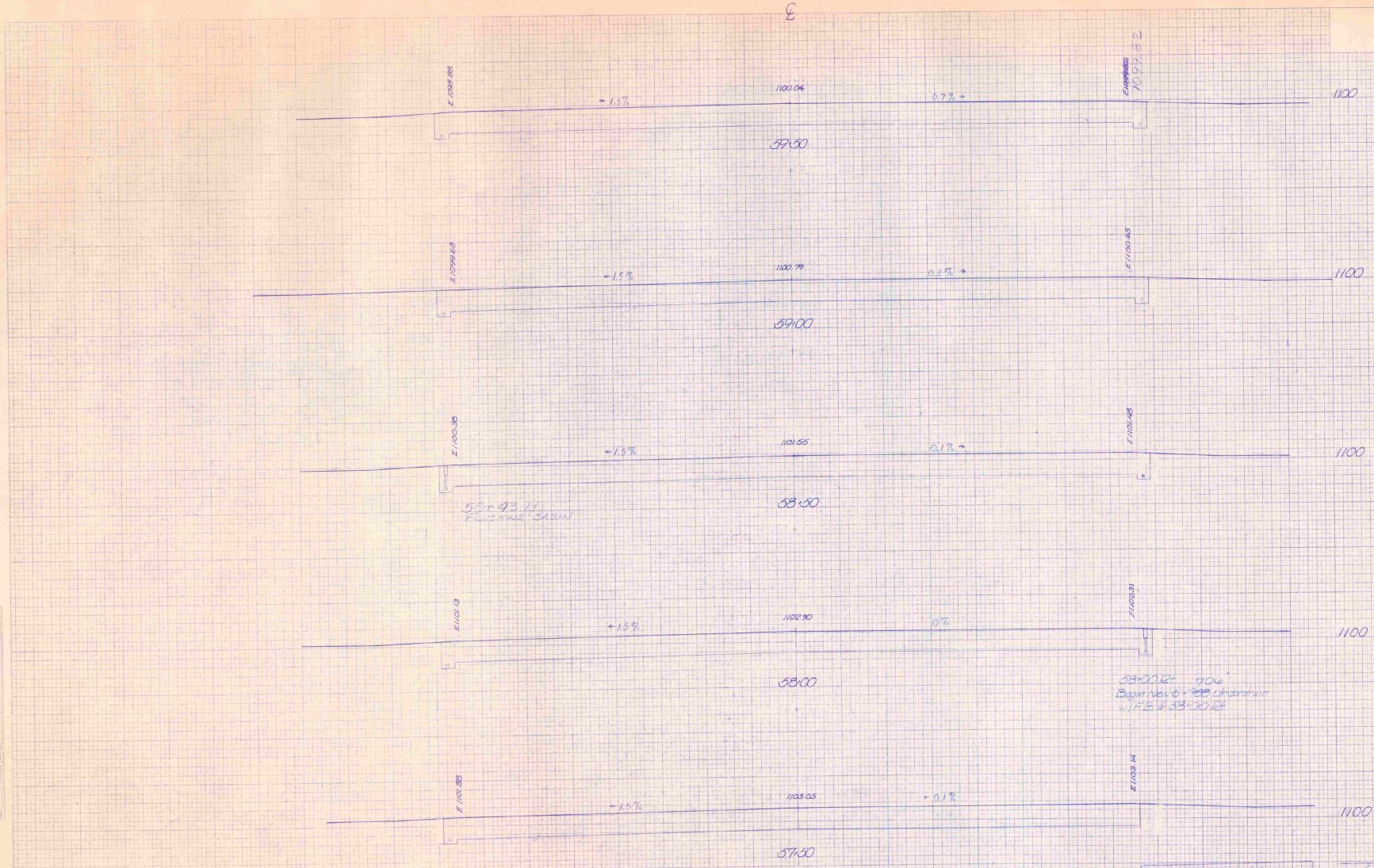


AS BUILT PLANS
 I hereby certify that all the construction
 required by the said subdivision map has been
 accomplished as indicated herein.
 By: _____ Resident Engineer
 Date: 12-22-28

SHEET NO. 21-310
 OF 22 SHEETS
 DATE: 12-22-28

FINAL
 DRAWING
 DATE: 10/27/48
 PROJECT NO. 10577
 SHEET NO. 10577-2

ORIGINAL
 SURVEY
 DATE: 10/27/48
 PROJECT NO. 10577
 SHEET NO. 10577-2

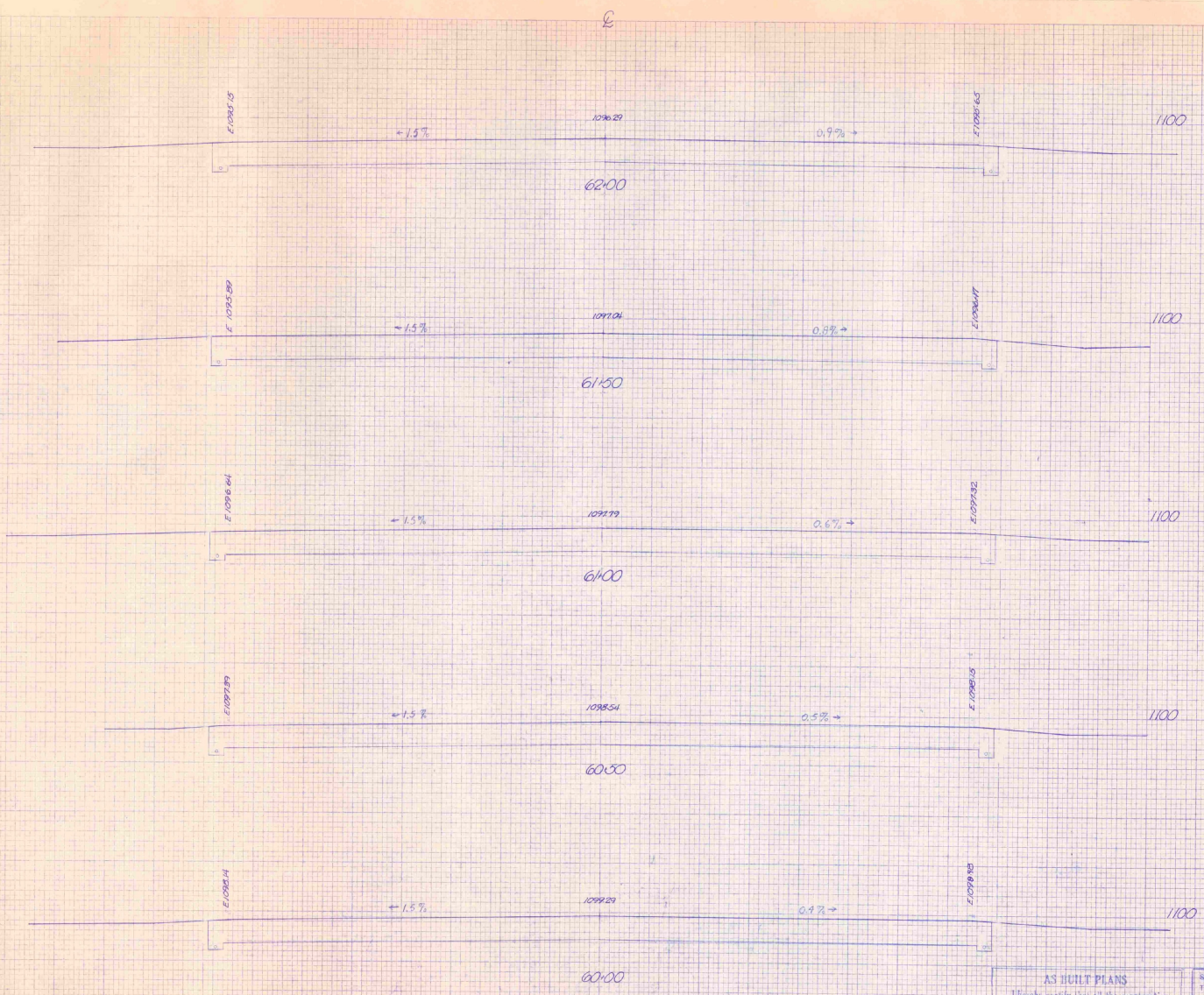


AS BUILT PLANS
 I hereby certify that all the construction reported on this set of drawings has been completed as indicated herein.
 By: *[Signature]*
 Date: 10/27/48

STA. 5250	STA. 5750
TOWN ERIE/NEW AIRBORNE	
PROJECT 10577	NO. 10577-2
SHEET 2	OF 2 SHEETS
PROJECT AND SHEET NO.	DATE

FINAL SURVEY
 ADJUSTED
 NOTE BOOK
 DATE: 10/15/1964
 BY: [Signature]

ORIGINAL SURVEY
 REVISION
 DATE: 10/15/1964
 BY: [Signature]



AS BUILT PLANS
 I hereby certify that all the construction completed by this set of drawings has been accomplished in accordance therewith.
 By: [Signature] Resident Engineer
 Date: 10/15/64

SHA	6000	STA	6000
TOWN	CLAYTON	AD	435210
PROJECT	ADAMS	NO.	15
SHEET	12	TOTAL SHEETS	15
SURVEY AND MAP SCALE			
D	10	30	
SCALE	1" = 40'	DATE	

ORIGINAL SURVEY
 DATE 10/20/08
 PROJECT NO. 08-001
 SHEET NO. 10

DATE
 BY
 CHECKED BY
 APPROVED BY

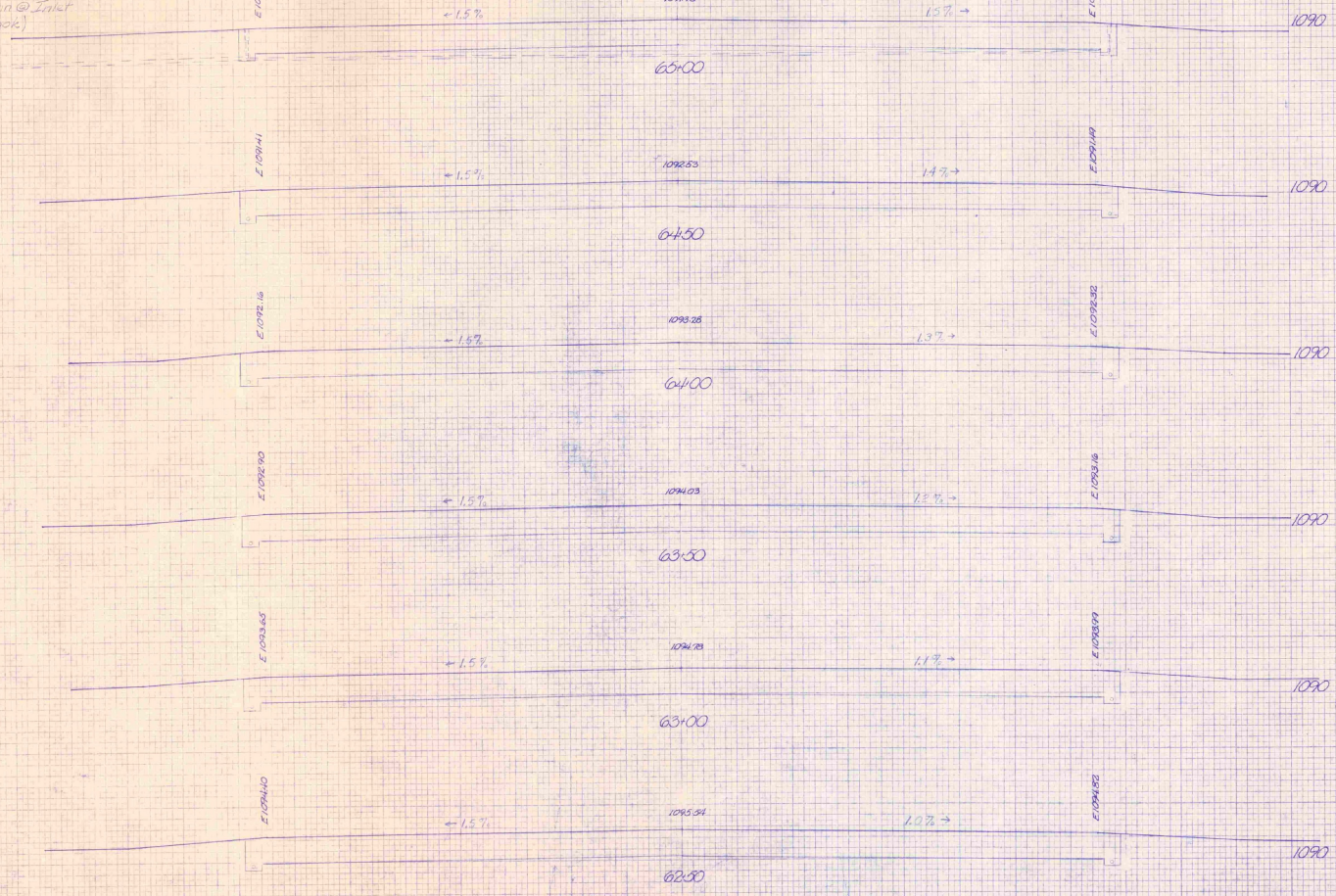
65+5
 65+00 LT 22.5"
 New 6" x 18" Underdrain Carrier Pipe w/
 Flushing Basin @ Inlet
 (Outlet in Brook)

-05.5
 65+05 LT 15.0"
 End New 6" x 18" Underdrain

+05.5
 65+00 LT
 New 6" x 18" Underdrain w/
 Flushing Basin @
 End Project 11/18/2010

63+03 End Returnous
 Concrete Pavingment

+05.5
 65+05 LT
 End New 6" x 18" Underdrain
 7.5"



AS BUILT PLANS
 These plans show the construction
 required for this project. The owner
 is responsible for the final
 design and construction.
 STA 62+50 TO 65+50
 PROJECT NO. 08-001
 SHEET 10 OF 10