

Addendum No. 1



Project: Burlington International Airport CHA Project No.: 066552

Taxiway A, B & C - Hotspot Mitigation

Date: April 13, 2021

The following addendum items modify, change, delete from or add to, the requirements of the contract documents for this project. The articles contained in the addendum take precedence over the requirements of the previously published contract documents. Where any article of the contract specifications or any detail of the contract drawings is modified or any paragraph, subparagraph or clause thereof is modified or deleted by the articles contained in this addendum, the unaltered provisions of that article, paragraph, subparagraph or clause shall remain in effect.

BID PROPOSAL

Delete: Bid Proposal (Entire Document) including Cover Page, Bid Form, Itemized Proposal, City of

Burlington Pre-Qualification of Construction Contractors Application and all required

attachments contained in bid documents. (36 Pages)

Reissued: Bid Proposal (Entire Document) including Cover Page, Bid Form, Itemized Proposal, City of

Burlington Pre-Qualification of Construction Contractors Application and all required

attachments contained in bid documents. (37 Pages).

SPECIFICATIONS

Item T-904-5.1

Added: Technical Specification for Sodding, pages ADD-1 T-904-1 thru ADD-1 T-904-4.

PLAN SHEETS

General Note – Unless noted to be reissued with this addendum, the following plan sheet revisions will be incorporated as part of the "Released for Construction" plan set. Descriptions of revisions to reissued sheets are general and may not be inclusive of all revisions on the sheets.

ADD-1 ID-1 – Index of Drawings and Abbreviations (2 of 38)

REISSUED: Drawing Table was revised to reflect drawing changes per Add Alt-1 / Base Bid separations

issued as part of this Addendum No. 1. Total number of drawings revised = 17.

ADD-1 PS-1 - Project Scope (3 of 38)

Revision: Add Alt-1 / Base Bid Notes and call-out revisions.

ADD-1 SQ-1 – Legend and Schedule of Quantities (4 of 38)

Revision: Bid Items separated into (2) two Schedule of Quantities for the BASE BID & ADD ALTERNATE-1.

ADD-1 CS-1 – Construction Access and Staging Plan (9 of 38)

Revision: Add Alt-1 / Base Bid Construction Impact Table and call-out revisions; Employee personal

vehicle parking shall be outside of the AOA Security Fence.

ADD-1 CP-1 – Construction Phasing Plan (10 of 38)

Revision: Work Area 1 separation per Add Alt-1 and Base Bid work; Add Alt-1 / Base Bid call-out

Addendum No. 1

revisions; Employee personal vehicle parking shall be outside of the AOA Security Fence.

ADD-1 CP-2 – Construction Phasing Plan (11 of 38)

Revision: Work Area 2 expanded for work to be done per new Runway 1-19 Hold Position location on

Taxiway L (including installation of Runway Guard Lights, Conduit, Cable, Directional Boring,

Sign 119 Relocation, and Pavement Markings)

ADD-1 DP-1 - Demolition Plan (18 of 38)

Revision: Add Alt-1 / Base Bid Notes and call-out revisions; Surface Preparation (pavement markings to

be eradicated) added per new Runway 1-19 Hold Position location on Taxiway L.

ADD-1 DD-1 – Demolition Details (20 of 38)

Revision: Add Alt-1 Mill Notes and call-out revisions; Base Bid only for Sign Relocation Detail.

ADD-1 P-1 - Pavement Layout Plan (22 of 38)

Revision: Add Alt-1 Mill and Overlay Notes.

ADD-1 PD-1 - Pavement Details (23 of 38)

Revision: Add Alt-1 Mill and Overlay Notes and call-out revisions.

ADD-1 PR-1 – Pavement Details (24 of 38)

Revision: Add Alt-1 Mill and Overlay Notes.

ADD-1 GP-1 – Grading and Drainage Plan (25 of 38)

Revision: Add Alt-1 Notes and call-out revisions.

ADD-1 GP-2 – Grading and Drainage Plan (26 of 38)

Revision: Item T-904-5.1 added for 12' width of Sodding material to be installed along the runway

intersections edge of pavement. New specification is also included with this Addendum No. 1.

ADD-1 EL-4 – Electrical Plan (30 of 38)

Revision: Electrical layout revised per new Runway 1-19 Hold Position location on Taxiway L.

ADD-1 EL-5 – Electrical Plan (31 of 38)

Revision: Electrical layout (including Guard Light locations) revised per new Runway 1-19 Hold Position

location on Taxiway L.

ADD-1 ED-2 – Electrical Details (33 of 38)

Revision: Sign 119 to be relocated per new Runway 1-19 Hold Position location on Taxiway L.

ADD-1 SMP-1 – Signage and Marking Plan (36 of 38)

Revision: Add Alt-1 / Base Bid Pavement Marking Note added; Payment Item call-out revisions; Taxiway L

pavement markings included per new Runway 1-19 Hold Position location; New Non-

Movement markings added for Taxiway L.

PRE-BID MEETING

None

CONTRACTORS' QUESTIONS

Q: How do I obtain the bid proposal, plans and specifications thru the file share link if it gives me an error message?

A: Immediately contact the following individuals and a separate link will be emailed to you for use:

Bob Schaefer – CHA 585.270.0175 rschaefer@chacompanies.com Larry Lackey – BTV 802.338.8106 <u>llackey@btv.aero</u>

ATTACHMENTS

Bid Proposal

Entire Document (37 Pages); B-1 thru B-26 and 1 thru 9

Specifications

T-904 Sodding (4 Pages)

Plan Sheets

(17) Seventeen Drawings as listed in above section (see PLAN SHEETS)



BID PROPOSAL

FOR



BURLINGTON INTERNATIONAL AIRPORT SOUTH BURLINGTON, VERMONT

Taxiway A, B & C - Hotspot Mitigation AIP NO. 3-50-0005- -2021

PREPARED BY:



III Winners Circle PO Box 5269 Albany, NY 12205-0269

ISSUED FOR ADDENDUM NO. 1 April 13, 2021

SUBMITTED BY:

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CHA PROJECT NO.: 066552

BID FORM

Proposal of	(hereinafter called "BIDDER"),
organized and existing under the laws of the State of Vermont, do	ping business as
(Insert "A Corpora as applicable.) To the CITY OF BURLINGTON (hereinafter called ADVERTISEMENT and INSTRUCTIONS TO BIDDERS, BIDDER hereby	
Taxiway A, B & C - Hotspot Miti	gation
in strict accordance with the PROJECT DOCUMENTS, within the t stated below.	ime set forth therein, and at the prices
It is understood that sealed BIDS will be received by the CITY OF B Wednesday, April 28th, 2021, via email and then at that time on saloud via Zoom meeting.	
BASE BID (in words):	
	Dollars (\$)
ADD ALTERNATIVE No. 1 (in words):	
	Dollars (\$)

It is understood that the Advertisement, Instructions to Bidders, General Provisions, Burlington Standard Contract Conditions for Construction Contractors, Technical Provisions, Plans and Specifications are considered a part of this BID and if herein set out verbatim, or if not attached, as if hereto attached. By submission of this BID, the BIDDER certifies, and in the case of a joint BID each party thereto certifies, as to his own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence work under this contract within ten (10) days after the effective date of the Notice to Proceed and to prosecute the work in a diligent manner so as to fully complete the Work within the contract time specified in the Burlington Standard Contract Conditions for Construction Contractors section of the specifications. BIDDER further agrees to pay as liquidated damages, the sum of \$500 for each consecutive calendar day thereafter as provided in Section 80-08 of the General Provisions.

The undersigned also agrees:

FIRST: To furnish Owner with lists showing divisions of work which he (the Contractor) plans to do himself and that which he plans to do with subcontractors, with names of subcontractors.

SECOND: Within fifteen (15) days from the date of Notice of Award of the Contract to execute the Contract if awarded same.

THIRD: Obtain Owner's permission for any work stoppage.

ADDENDA: BIDDER acknowledge	es receipt of the following ADDENDA:				
Addendum No	Dated:				
Addendum No	Dated:				
BID SECURITY					
Type of Security:		_			
Amount:					
Surety:					

The Bid Security, in favor of the CITY OF BURLINGTON is to be forfeited as liquidated damages, if in the event that this proposal is accepted, the undersigned fails to execute the Contract and furnish satisfactory Contract Bonds under the conditions and within the time specified in this proposal.

In case of alternate bids, only one Bid Bond, or certified check, will be required provided the same is based on the highest gross price bid.

The BIDDER acknowledges that the Owner has established a contract Disadvantaged Business Enterprise (DBE) goal of 3.56% for this project. The BIDDER acknowledges and accepts the requirement to apply and document good faith efforts, as defined in Appendix, 49 CFR Part 26, for subcontracting a portion of the prime contract to certified Disadvantaged Business Enterprises (DBE), as defined in 49 CFR Part 26 for purposes of meeting the Owner's established goal. The BIDDER, in complying with this requirement, proposes participation by Disadvantaged Business Enterprises as stated on the attached forms, "Utilization Statement" and "Letter of Intent".

The BIDDER, by submission of a proposal, acknowledges that award of this contract is subject to the provisions of the Davis Bacon Act. The BIDDER accepts the requirement to pay prevailing wages for each classification and type of worker as established in the wage rate determination included in the Project Documents as issued by the United States Department of Labor. The BIDDER further acknowledges and accepts their requirements to incorporate the provision to pay the established prevailing wages in every subcontract agreement entered into by the BIDDER under this project.

The Contractor to whom the work is awarded shall agree for itself and all subcontractors to adhere to the terms and provisions of the Vermont Fair Employment Practices Act.

Civil Rights And Equal Employment Opportunity

During performance of the Contract, the Contractor will not discriminate against any employee or applicant for employment because of religious affiliation, race, color, national origin, place of birth, ancestry, age, sex, sexual orientation, gender identity, marital status, veteran status, disability, HIV positive status, crime victim status, or genetic information. Contractor, and any subcontractors, shall comply with any Federal, State, or local law, statute, regulation, executive order, or rule that applies to it or the services to be provided under this contract concerning equal employment, fair employment practices, affirmative action, or prohibitions on discrimination or harassment in employment.

<u>Compliance Reports (41 CFR Part 60-1.7)</u>: Within 30 days after award of this contract, the Contractor/Subcontractor shall file a compliance report (Standard Form 100) if s/he has not submitted a complete compliance report within 12 months preceding the date of award. This report is required if the Contractor/Subcontractor meets all the following conditions:

- 1. Contractors/Subcontractors are not exempt based on 41 CFR 60-1.5
- 2. Has 50 or more employees
- 3. Is a prime contractor or first tier subcontractor
- 4. There is a contract, subcontract or purchase order amounting to \$50,000 or more

Certifications by Bidder

- 1. The undersigned hereby declares and certifies that the only parties interested in this proposal are named herein and that this proposal is made without collusion with any other person, firm or corporation. The undersigned further certifies that no member, officer or agent of OWNER'S has direct or indirect financial interest in this proposal.
- 2. Certification of Non-Segregated Facilities: (41 CFR Part 60-1.8) The BIDDER, as a potential federally assisted construction contractor, certifies that it <u>does not</u> maintain or provide, for its employees, any segregated facilities at any of its establishments and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The BIDDER certifies that it <u>will not</u> maintain or provide, for its employees, segregated facilities at any of its establishments and that it will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Bidder agrees that a breach of this certification is a violation of the Equal Opportunity Clause, which is to be incorporated in the contract

As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms, and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated on the basis of race, color, religion, or national origin because of habit, local custom, or any other reason. The Bidder agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that it will retain such certifications in its files.

- 3. Trade Restriction Certification: (49 CFR Part 30) The Bidder, by submission of an offer certifies that it:
 - a. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
 - b. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
 - c. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.
- 4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion: The Bidder certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. The bidder

with the successful bid further agrees to comply with Title 2 CFR Part 1200 and Title 2 CFR Part 180, Subpart C by administering each lower tier subcontract that exceeds \$25,000 as a 'covered transaction'. The successful bidder shall accomplish this by: i. Checking the System for Award Management at website: http/www.sam.gov or ii. Collecting a certification statement or iii. Inserting a clause or condition in the covered transaction with the lower tier contract.

5. Buy American Certification: (Title 49 U.S.C. Chapter 501) By submitting a proposal under this solicitation, except for those items listed by the Bidder below or on a separate and clearly identified attachment to this bid/proposal, the Bidder certifies that steel and each manufactured product, are produced in the United States, as defined in the clause Buy American - Steel and Manufactured Products for Construction Contracts) and that components of unknown origin are considered to have been produced or manufactured outside the United States.

Bidder may obtain a listing of articles, materials and supplies excepted from this provision in the Federal Aid Projects section of the Contract Requirements.

Country of Origin

6. E-Verify Certification: (I.C. 22-5-1.7) by submitting a proposal under this solicitation, the BIDDER certifies they do not knowingly employ unauthorized aliens and participates in the E-Verify Program (the "Program") when it hires new employees to confirm their work eligibility and further acknowledges that it is not required to verify the work eligibility status of al newly hires employees through the Program if the Program no longer exists.

Attachments to this Bid

The following documents are attached to and made a part of this Bid:

- 1. Bid Form, including Acknowledgment of Receipt of Addenda
- 2. Itemized Bid Proposal
- 3. Statement of Previous Contracts
- 4. Corporate or Partnership Certificate
- 5. Experience Record and List of Equipment
- 6. List of Subcontractors
- 7. Letter of Intent
- 8. Identification of Principals
- 9. Financial Statement
- 10. Certified Check, Cashier's Check, Letter of Credit or Bid Bond
- 11. Bid Guaranty in the form of _____
- 12. Letter from a bonding company certifying that they will provide a Payment Bond and Performance Bond for this work if he/she is the successful Bidder.
- 13. Completed DBE forms "Utilization Statement".
- 14. DBE Participation Documentation Format with DBE Goal will not be met
- 15. Buy America Certification
- 16. Certification of Compliance with the City of Burlington's Livable Wage Ordinance
- 17. Certification of Compliance with the City of Burlington's Outsourcing Ordinance
- 18. Certification of Compliance with the City of Burlington's Union Deterrence Ordinance
- 19. City of Burlington Pre-Qualification of Construction Contractors Application

ITEMIZED PROPOSAL

CHA PROJECT NUMBER: 066552

BURLINGTON INTERNATIONAL AIRPORT (BTV) BURLINGTON VERMONT TAXIWAY A, B & C - HOTSPOT MITIGATION FAA AIP NO. 3-50-0005- -2021

BASE BID

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (WORDS)	UNIT PRICE	EXTENSION
C-102-5.1F	INSTALLATION AND REMOVAL OF STORM INLET PROTECTION	1	EA			
L-108-5.1	NO. 8 AWG, 5KV, L-824, TYPE C CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	9,750	LF			
L-108-5.2	NO. 6 AWG, SOLID, BARE COPPER COUNTERPOISE WIRE, INSTALLED ABOVE THE DUCT BANK OR CONDUIT, INCLUDING CONNECTIONS & TERMINATIONS	2,100	LF			
L-110-5.1	NON-ENCASED ELECTRICAL DUCT BANK, 1-WAY 2-INCH	1,800	LF			
L-110-5.2	CONCRETE ENCASED ELECTRICAL DUCT BANK, 1-WAY 2-INCH	160	LF			
L-110-5.3	DIRECTIONAL BORE ELECTRICAL DUCT BANK, 1-WAY 2-INCH	120	LF			
L-115-5.1	ELECTRICAL JUNCTION STRUCTURE, 1-UNIT PULL-CAN PLAZA	3	EA			
L-125-5.1	L-850 LED IN-PAVEMENT RUNWAY THRESHOLD LIGHT ON EXISTING BASE CAN	8	EA			
L-125-5.2	L-804 LED RUNWAY GUARD LIGHT ON L-867 BASE CAN	10	EA			
L-125-5.3	RELOCATE RUNWAY HOLD SIGN WITH NEW L-867 BASE CAN AND CONCRETE FOUNDATION	5	EA			
MST-01	ENGINEER'S FIELD OFFICE - TYPE I	1	MONTH			
MST-02	BASIC MAINTENANCE AND PROTECTION OF TRAFFIC	1	LS			
MST-03	CONSTRUCTION ENGINEERING	1	LS			
P-101-5.1	PAVEMENT REMOVAL	1,275	SY			
P-152-4.4	EMBANKMENT IN PLACE	230	CY			
P-620-5.1A	SURFACE PREPARATION	13,000	SF			
P-620-5.2C	MARKINGS (FINAL WITH BEADS)	7,150	SF			
P-620-5.2D	MARKINGS (BLACK)	9,800	SF			
P-620-5.5E	PREFORMED THERMOPLASTIC AIRPORT PAVEMENT MARKINGS	2,325	SF			
T-901-5.1	SEEDING	0.25	ACRE			
T-904-5.1	SODDING	600	SY			

ITEMIZED PROPOSAL

CHA PROJECT NUMBER: 066552

BURLINGTON INTERNATIONAL AIRPORT (BTV) BURLINGTON VERMONT TAXIWAY A, B & C - HOTSPOT MITIGATION FAA AIP NO. 3-50-0005- -2021

BASE BID

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (WORDS)	UNIT PRICE	EXTENSION
T-905-5.1	TOPSOIL	140	CY			
		SUB TOTAL				
C-105	MOBILIZATION (MAXIMUM 3% OF TOTAL)	1	LS			

SUBMITTED BY:	
TITLE:	
ADDRESS:	

ITEMIZED PROPOSAL

CHA PROJECT NUMBER: 066552

BURLINGTON INTERNATIONAL AIRPORT (BTV) BURLINGTON VERMONT TAXIWAY A, B & C - HOTSPOT MITIGATION FAA AIP NO. 3-50-0005- -2021

ADD ALTERNATIVE 1 (TAXIWAY C)

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (WORDS)	UNIT PRICE	EXTENSION
C-100	CONTRACTOR QUALITY CONTROL PLAN (CQCP)	1	LS			
C-102-5.1F	INSTALLATION AND REMOVAL OF STORM INLET PROTECTION	2	EA			
MST-01	ENGINEER'S FIELD OFFICE - TYPE I	2	MONTH			
MST-02	BASIC MAINTENANCE AND PROTECTION OF TRAFFIC	1	LS			
MST-03	CONSTRUCTION ENGINEERING	1	LS			
P-101-5.2	JOINT AND CRACK REPAIR	2,500	LF			
P-101-5.6	COLD MILLING (Depth 4")	8,300	SY			
P-152-4.1	UNCLASSIFIED EXCAVATION	75	CY			
P-401S-8.1A	BITUMINOUS SURFACE COURSE	2,000	TON			
P-603-5.1	EMULSIFIED ASPHALT TACK COAT	1,700	GAL			
P-620-5.2B	MARKINGS (INITIAL WITHOUT BEADS)	2,000	SF			
P-620-5.2C	MARKINGS (FINAL WITH BEADS)	2,250	SF			
P-620-5.2D	MARKINGS (BLACK)	4,750	SF			
T-901-5.1	SEEDING	0.25	ACRE			
		SUB TOTAL				
C-105	MOBILIZATION (MAXIMUM 3% OF TOTAL)	1	LS			

SUBMITTED BY:	
TITLE:	
ADDRESS:	
•	

The BIDDER shall complete the following statement by checking the appropriate blanks:
The BIDDER has has not participated in a previous contract subject to the Equal Opportunit Clause prescribed by Executive Order 10925 dated March 6, 1961, or Executive Order 11114 dated June 22 1963, or Executive Order 11246 dated September 24, 1965.
The BIDDER has has not submitted compliance reports in connection with any such contract as required by applicable instructions.
If the PIDDED has participated in a provious contract subject to the Equal Opportunity Clause and has no

If the BIDDER has participated in a previous contract subject to the Equal Opportunity Clause and has not submitted compliance reports as required by applicable instructions, the BIDDER (Proposer) shall submit a compliance report on Standard Form 100, "Employer Information Report EEO-1" with the BID or proposal.

It is a condition of this contract, and shall be made a condition of each subcontract entered into pursuant to this contract, that the CONTRACTOR and any subcontractor shall not require any laborer or mechanic employed in performance of the contract to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous to his health or safety, as determined under construction safety and health standards promulgated by the United States Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (83 Stat. 96).

The BIDDER hereby certifies that there has been/will be full compliance with all labor provisions in the contract and all subcontracts made under the contract and it is not debarred.

CORPORATE CERTIFICATE

l,	_, certify that I am the Secretary of the Corporation
named as Contractor in the foregoing Instrument, that _	, who signed the
Instrument on behalf of the Contractor was then	
said Corporation; that said Contract was duly signed for a	and in behalf of said Corporation by Authority of its
governing body, and is within the scope of its corporate	power.
	_ (Corporate Seal)

To be executed when applicable to the bidding company.

PARTNERSHIP CERTIFICATE

State of)		
County of _)		
On	this	day of		20	_, before me personally
					ne to be the person who
				_	nd say that he is a general
partner in t	he firm of		;	and that said f	irm consist of himself and
			and that he exec	uted the forego	ing instrument on behalf of
 Cou	r the uses and purpo unty of te of			Notary Public i	n and for the
(NOTARIAL					
To be execu	uted when applicable	e to the bidding c	ompany.		

EXPERIENCE RECORD AND LIST OF EQUIPMENT

List of projects with which you heen associated over the last fix similar in size and scope to thes	ve (5) years,	List equipment presently owned, rented, or leased by your firm that will be used to accomplish this project. Distinguish between owned and rented or leased.
Date:	_ Signed:	BIDDER

LIST OF SUBCONTRACTORS

In the spaces below, the BIDDER shall list the names and addresses of any subcontractors to which the BIDDER proposes to sublet work to be done under this CONTRACT. The BIDDERS shall also state that portion of the work by Item No. and/or Description sublet to each subcontractor.

<u>Item No.</u>	<u>Description</u>	Name of <u>Subcontractor</u>	Subcontractor's Address	
Date:		Signed:	BIDDER	

LETTER OF INTENT

(This page shall be submitted for each Subcontractor)

Bidder/Offer	Nam	e:			
		ess:			
Subcontractor:	Firm	Name:			
	Addr	ess:			
	City:		State:_		_Zip:
Contact Person:		Name:		Phone:	()
DBE Certifying Age	ncy:			Expiration [Date:
3 0 0	,	If applicable each DBE Firm so certification status.		•	
Subcontractor Firm	n Age:	Less than 1 year 8-10 years		3 years ore than 10 year	□4-7 years
Annual Gross Rece	ipts:	□Less than \$500,000 □\$2M-\$5M	□\$5	600,000-\$1M reater than \$5M	□\$1M-2M
Classification:		☐ Prime Contractor☐ Manufacturer	_	bcontractor pplier	☐ Joint Venture
Work item(to be performe Subcontract	ed by	Description of Work Iter	n	Quantity	Total
The bidder/offer estimated partic		nitted to utilizing the above-na s follows:	med DBI	E firm for the work	described above. The
Subcontractor	amount:	\$	_ Perce	nt of total contra	act:%
AFFIRMATION: The above-named f as stated above.	irm affirm	s that it will perform the poi	tion of	the contract for t	he estimated dollar value
Ву:					
(Signat	ure)		(Tit	le)	

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

IDENTIFICATION OF PRINCIPALS

Following are the names of all persons, firms and corporations interested in the above bid as principals. If none, state that "No person or party other than the bidder is interested in this Proposal".

<u>NAME</u>		<u>ADDRESS</u>
Date:	Signed:	
Date.	Jigi icu	BIDDER

REMOVE PAGE AND INSERT FINANCIAL STATEMENT

INCLUDE CERTIFIED CHECK, CASHIER'S CHECK, LETTER OF CREDIT, OR BID BOND FOLLOWING THIS PAGE

BID BOND

well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns. Signed this	KNOW ALL MEN BY THESE PRESENT	hat we, the undersigned,
sum of	as Principal, and	as Surety, are hereby held and firmly bound
The condition of the above obligation is such that whereas the Principal has submitted to a certain Bid, attached hereto and hereby made part hereof to enter into a contract in writing, for the project. NOW, THEREFORE, a) If said Bid shall be rejected, or If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bon for his faithful performance of said contract, and for the payment of all persons performing labor of furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void; otherwise the same shall remain in force and effect, it being expressly understood and agreed that the liability of the Suret for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation a herein stated. The Surety, for value received, hereby stipulated and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension. IN WITNESS WHEREOF, the Principal and the Surety have thereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and thes presents to be signed by their proper officers, the day and year first set forth above. Principal	unto	as Owner in the penal
The condition of the above obligation is such that whereas the Principal has submitted to	sum ofwell and truly to be made, we here	for the payment of which, pintly and severally bind ourselves, successors and assigns.
part hereof to enter into a contract in writing, for the	Signed this day of	, 20
project. NOW, THEREFORE, a) If said Bid shall be rejected, or b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bon for his faithful performance of said contract, and for the payment of all persons performing labor of furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void; otherwise the same shate remain in force and effect, it being expressly understood and agreed that the liability of the Suret for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation a herein stated. The Surety, for value received, hereby stipulated and agrees that the obligations of said Surety and Its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension. IN WITNESS WHEREOF, the Principal and the Surety have thereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and thes presents to be signed by their proper officers, the day and year first set forth above. Principal	The condition of the above obligation	s such that whereas the Principal has submitted to
NOW, THEREFORE, a) If said Bid shall be rejected, or b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bon for his faithful performance of said contract, and for the payment of all persons performing labor of furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void; otherwise the same shall remain in force and effect, it being expressly understood and agreed that the liability of the Surett for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation a herein stated. The Surety, for value received, hereby stipulated and agrees that the obligations of said Surety and Its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension. IN WITNESS WHEREOF, the Principal and the Surety have thereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and thes presents to be signed by their proper officers, the day and year first set forth above. Principal	part hereof to enter into a contract	a certain Bid, attached hereto and hereby made a vriting, for the
a) If said Bid shall be rejected, or If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bone for his faithful performance of said contract, and for the payment of all persons performing labor of furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void; otherwise the same shall remain in force and effect, it being expressly understood and agreed that the liability of the Surett for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation a herein stated. The Surety, for value received, hereby stipulated and agrees that the obligations of said Surety and Its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension. IN WITNESS WHEREOF, the Principal and the Surety have thereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above. Principal		project.
· 	a) If said Bid shall be rejected, b) If said Bid shall be accepted Contract attached hereto (promise for his faithful performance furnishing materials in connic created by the acceptance or remain in force and effect, if for any and all claims hereun herein stated. The Surety, for value received Its bond shall be in no way Owner may accept such Bid IN WITNESS WHEREOF, the such of them as are corporate presents to be signed by the	erly completed in accordance with said Bid) and shall furnish a bond aid contract, and for the payment of all persons performing labor or on therewith, and shall in all other respects perform the agreement aid Bid, then this obligation shall be void; otherwise the same shall ing expressly understood and agreed that the liability of the Surety er shall, in no event, exceed the penal amount of this obligation as hereby stipulated and agrees that the obligations of said Surety and paired or affected by any extension of the time within which the aid said Surety does hereby waive notice of any such extension.
	Principal	
By:	Surety Bv:	

IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

INSERT LETTER FROM A BONDING COMPANY CERTIFYING THAT THEY WILL PROVIDE A CONTRACT BOND FOI THIS WORK IF YOU ARE THE SUCCESSFUL BIDDER AND DID NOT SUBMIT A BID GUARANTY/CONTRACT BOND WITH YOUR BID.
IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most curren list (Circular 570 as amended) and be authorized to transact business in the State where the project i located.

UTILIZATION STATEMENT Disadvantage Business Enterprise

The undersigned bidder/offeror has satisfied the requirements of the bid specification in the following manner. (*Please mark the appropriate box*)

θ	The bidder/offeror is committed to a minimum this contract.	n of	% DBE utilization on	
θ	The bidder/offeror, while unable to meet the commits to a minimum of% DBE utilisubmits documentation, as an attachment, of (GFE).	zation on th	is contract and also	
the DB noted f	dersigned hereby further assures that the inform E firm(s) listed herein have agreed to perform a for each firm. The undersigned further understan It prior approval from the Civil Right Staff of the	commercia ds that no ch	lly useful function in the nanges to this statement r	work items
Bidder	's/Offeror's Firm Name			
Signatu	ure	Date		

DBE UTILIZATION SUMMARY

	Contract Amount		DBE Amount	<u>Contract</u>
<u>Percentage</u>				
DBE Prime Contractor	\$	_ x 1.00 =	\$	%
DBE Subcontractor	\$	_ x 1.00 =	\$ _	%
DBE Supplier	\$	_ x 0.60 =	\$ _	%
DBE Manufacturer	\$	_ x 1.00 =	\$ _	%
Total Amount DBE			\$	%
DBE Goal			\$	%

^{*} If the total proposed DBE participation is less than the established DBE goal, Bidder must provide written documentation of the good faith efforts as required by 49 CFR Part 26. See Schedule C.

SCHEDULE C

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PARTICIPATION DOCUMENTATION FORMAT WHEN DBE GOAL WILL NOT BE MET

	Announcement: List each publication directed at DBE's in which an announcement or notification was placed and attach a copy of each announcement from each publication.			
1	Name of Publication:			
ı	Address:			
[Dates of Announcements:			
1	Farget Audience:			
(Geographic Distribution:			
	Specific Subcontract Announced:			
E	Bidder's Estimate of Approximate Dollar Value of Subcontract Announced:			
SI	Contract Associations: List all majority and DBE construction contractor associations, construction supply associations, or general business associations notified and attach a copy of each notification etter.			
ſ	Name and Phone Number of Association:			
[Date of Follow-Up Call:			
ſ	Name of Caller:			
ſ	Name of Association Representative Spoken To:			
-	f no call, why not? Explain:			
_				

sent and attach a copy of solicitation letter.

3.

<u>DBE Solicitations</u>: List each DBE construction firm or supplier to which a letter of solicitation was

4.	List all DBE's from which a quotation was received and will not be used as a subcontractor:		
	Company Name:		
	Address:		
	Contact Person and Phone Number:		
	Segment of Work to be Subcontracted:		
	Amount of Subcontract Quotation:		
5.	Information concerning the subcontractor(s) who will be used:		
	Name:		
	Address:		
	Contact Person and Phone Number:		
	Segment of Work to be Subcontracted:		
	Amount of Subcontract Quotation:		
	Dates of Negotiation Meetings:		
	Place and Attendees:		

Buy America Certification (Title 49 U.S.C. Section 50101)

	PROJECT NAME:			
	AIRPORT NAME:			
	AIP NUMBER:			
	All NOWBER.			
bid	3	ocontractors will comply with	erica requirements of 49 U.S.C. Section 50107 the Buy American preferences established u	
(a)	Preference The Secretary of Transports 44502(a)(2), or 44509, subchapter I of	chapter 471 (except section 471	ced in the United States that may be appropriated to carry out section 1 (27), or chapter 481 (except sections 48102(e), 4 red goods used in the project are produced in the U	8106,
(b)	Waiver The Secretary may waive su	bsection (a) of this section if the	Secretary finds that -	
	(1) Applying subsection (a) would be	e inconsistent with the public int	erest;	
	(2) The steel and goods produced in not of a satisfactory quality;	the United States are not produc	ed in a sufficient and reasonably available amount	or are
	(3) When procuring a facility or equi 47127), or chapter 481 (except se) or 44509, subchapter I of chapter 471 (except so and 48110) of this title -	ection
	A. The cost of components and components of the facility or		e United States is more than 60 percent of the cos	t of all
	B. Final assembly of the facility	y or equipment has occurred in t	he United States; or	
	(4) Including domestic material will	increase the cost of the overall p	project by more than 25 percent.	
(c)	Labor Costs In this section, labor co	sts involved in final assembly are	e not included in calculating the cost of compone	ents.
pro		ate the certification. The bid	plete and submit this certification with the lder/offeror must indicate how they propo owing certification statements.	
	manufactured products produc	ed in the United States of Ame documentation to the owner tha	U.S.C Section 50101(a) by only installing stee rica. The bidder further agrees that if chosen a t demonstrate all steel and manufactured produc	as the
			e Buy America preferences of Title 49 U.S.C Se Section 50101(b) subject to the following condi	
	current FAA Buy American o		er to AIP Buy American preferences as indicated ubmit a listing of specific equipment and mate otice-to-Proceed.	
	identified with the apparent	low bid agrees to prepare and s	ed a waiver to Buy American preferences, the bubmit to the owner a waiver request and composite fithe notice of apparent award of contract.	
 Bid	der's Firm Name		 Date	

Signature

<u>Certification of Compliance with the City of Burlington's Livable Wage Ordinance</u>

l,	, on behalf of	("the Contractor") in connection
		re provide to the City, hereby certify under
oath that the Contractor (a	and any subcontractor	s under this contract) is and will remain in
compliance with the City of	f Burlington's Livable	Wage Ordinance, B.C.O. 21-80 et seq., and
that		
employees as defined by B employees of subcontractors	urlington's Livable Wa ors) shall be paid a liva lington's chief admini	ntract or grant, we confirm that all covered age Ordinance (including the covered able wage (as determined, or adjusted, istrative officer) and provided appropriate
(2) a notice regardi	ng the applicability of	the Livable Wage Ordinance shall be
_		where covered employees work;
, , , , , , , , , , , , , , , , , , ,	(1)	,
•	•	ployee's compensation, produce payroll or
	·	other relevant documentation (including
-		by the chief administrative officer, within
ten (10) business days from	n receipt of a request	by the City;
(4) we will coopera	te in any investigation	n conducted by the City of Burlington's City
Attorney's office pursuant		
/E)		
		ubcontractor to retaliate) against an
		has exercised rights or the person has
cooperated in an investiga	tion conducted pursua	ant to this ordinance.
Date	By:	
	Contra	
Subscribed and sworn to b	pefore me:	
Date		
	Notary	y

Certification of Compliance with the City of Burlington's Outsourcing Ordinance	
I,, on behalf of	
(Contractor) and in connection with the	
[project]	L
hereby certify under oath that (1) Contractor shall comply with the City of Burlington	S
Outsourcing Ordinance (Ordinance §§ 21-90 $-$ 21-93); (2) as a condition of entering ir	ıto
this contract or grant, Contractor confirms that the services provided under the above	<u>;</u> –
referenced contract will be performed in the United States or Canada.	
Dated at, Vermont this day of, 2018.	
By: Duly Authorized Agent	
Subscribed and sworn to before me: Notary	

Certification of Compliance with the City of Burlington's Union Deterrence Ordinance

I,	, on behalf of	
(Contractor) and in con	nection with	(City
contract/project/grant),	hereby certify under oath that	
(Contractor) has not adv	vised the conduct of any illegal activity, an	d it does not currently, nor will
it over the life of the cor	ntract advertise or provide union deterrenc	e services in violation of the
City's union deterrence	ordinance.	
Dated at	, Vermont this day of	
	Ouly Authorized Agent	

City of Burlington



Pre-Qualification of Construction Contractors Application

Date Received:	
Date Checked:	

Available for Electronic Mailing

Pre-Qualification of Construction Contractors Application

This is an application for pre-qualification of construction contractors for the City of Burlington under Chapter 21 of the Code of Ordinances. The purpose of the application is to solicit information necessary to determine whether a contractor applying for work on a government-funded project is a responsible contractor.

1. Policy

It is the policy of the City of Burlington to let contracts for city construction projects only to contractors and subcontractors that demonstrate that they are responsible contractors.

2. Responsible Contractor

Responsible contractors are those contractors and subcontractors who have demonstrated to the City that they are financially responsible, have experience suggesting that they have the ability to perform government projects responsibly, have demonstrated that they are responsible employers, and have demonstrated that they have fair subcontractor relations, or that they perform all work with their own forces.

3. Minimum Contract Amount

This pre-qualification requirement applies to any construction contract by a department, board or council of the City, or those construction projects financed by tax exempt bonds issued by the Burlington Community Development Corporation, in which the total project cost is \$100,000 or more.

4. Contracting Authority

This application is to be delivered to the contracting authority under the schedule determined by that authority as part of the bidding process. The contracting authority is the department, board or council, agency, or entity that is sponsoring the contract on behalf of a government funded project.

5. Proprietary Information

All information submitted by contractors and subcontractors in connection with a prequalification application shall be considered proprietary information. The City shall not release the information except as may be required by the Access to Public Records Law, or by court order.

6. Subcontract Work

The pre-qualification requirement does not apply to subcontractors where the total value of the work to be performed is less than \$7,500.

Instructions for Filing the Questionnaire, Financial Statement and Other General Information For Contractors

1. Preparation of Statement:

One copy of the questionnaire is required by the City. It must be completely executed and properly sworn to before a Notary Public. Financial Statements which are compiled, reviewed, or fully-audited must be prepared and certified by an Independent Certified Public Accountant (CPA). A Certified Public Accountant is considered on who, in Vermont, is registered by the State of Vermont Board of Public Accountancy as a CPA. For other states, the City will consider a CPA whose registration qualifications in their state equal those established in Vermont. If the Contractor has not been approved to be prequalified as of the date of the bid opening, this questionnaire must be submitted before the date of opening bids, or with the Contractor's Bid, in order to ensure consideration for prequalification for a particular bid opening.

2. Notification of Action Taken:

The City will send in writing to the applicant a notification of its decision. Questionnaires will be considered in the order received and acted upon at all times as promptly as circumstances permit. Contractors duly pre-qualified will be appraised in writing of both the amount and type of work on which they will be eligible to bid.

3. <u>Duration of Pre-Qualification</u>:

The duration of any pre-qualification will not exceed one (1) year and will expire annually three (3) months subsequent to the closing date of the contractors fiscal year, as evidenced in their financial statement.

4. Revision of Pre-Qualification Rating:

Requests for revision of pre-qualification rating will be considered at any time provided credentials showing increased assets, equipment or ability to perform work are submitted. These must be submitted prior to a bid opening to receive consideration for that bid opening. Contractors shall also report any substantial increase in liabilities that occurs during the pre-qualification period.

5. Request for Plans, Specifications and Proposal Form:

Contractors having been duly pre-qualified will receive notices from time to time inviting submission of proposals for the contracts to be let on specified dates. A Contractor desiring to receive plans, proposal and specifications for any contract may obtain them upon written request only, utilizing the special form entitled A Standard Form B Request for Proposal and/or Plans. This form is furnished to all pre-qualified contractors by the City and this form must show the status of all work—under contract or otherwise executed by the Contractor, both inside and outside the State of Vermont, as of the date of request.

PRE-QUALIFICATION OF CONSTRUCTION CONTRACTORS APPLICATION

Submitted by				
Corporation	Partnership □	Individual \square	Other \square	
_				
Telephone Number		Federal ID Numb	oer	
	s questionnaire guarantectories hereinafter made.	es the truth and accurac	ey of all statements and of all	
Notary:		Authorized Sig	gnature	
		Name and Title	e of Authorized Agent	
		Date		
Experience Question	onnaire			
How many years has	s your organization been	in business as a genera	al contractor under your resen	t
-	perience in construction Sub-Contractor:		ation had, (a) As a general	

Has your organization, or any officer, partner, director or principal individual thereof ever admitted to or been convicted of any criminal violation, including but not limited to discrimination, anti-trust or labor violations, other than traffic offences; or been convicted of or is currently being sued for any civil antitrust violation or other civil suit involving fraud; or been debarred from performing work on any contract?

	_
Date of reinstatement	
s your organization currently debarred from performing work on any contract	t? YES / NO
If yes, by whom?	
Date of reinstatement:	_
Has your organization ever been denied pre-qualification by the City of Burli	ngton?
If so, by whom and for what reason?	_
Have you ever failed to complete any work awarded to you?	YES / No
If so, where and why?	
Has any officer, director or partner of your organization ever been an officer	
some other organization that failed to complete a construction contract?	YES / NO
If so, state the name of individual, other organization and reason therefore:	

a construction contract handled in his own name?	YES /
If so, state name of individual, name of owner and reason therefore:	YES /
Has the organization been cited in the past three (3) years for violations of OSHA If so, please explain:	A? YES /
Has the organization currently any outstanding legal action against it by a subcora current or former job? If so, please explain:	ntractor (YES /
List all parents, subsidiaries, affiliates or divisions of your firm, and any related included in disclosures in your most recent financial statements or the notes the	
List any of your officers, shareholders or directors that are affiliated with any other and/or supplier:	er contra
Identify all persons having final bidding authority and/or the Chief Estimator:	
Give names and complete addresses of three (3) major material suppliers and/or subcontractors with whom your firm has done business in the past 3 years:	
13. List the names and addresses of the following:	-

Amount of Letter of Credit:	
Bonding Co. and limit (Please specify per project and aggregate limits):	
Bonding Agent:	
Liability Insurance:	
Name of Carrier:	
Limits of Liability:	
Worker's Compensation:	
Name of Carrier:	
Does the organization have a company safety program, such as, a currently approved VOSHA plan in place?	YES / NO
If so, briefly describe:	

14.

15.	skills, trades and job classifications intended to be employed for the contract (s) under consideration in this pre-qualification:			
	Job Title	Hourly wages	<u>Health Insurance</u>	
	CARPENTER			
	ELECTRICIAN			
	<u>PAINTERS</u>			
	<u>PIPEFITTERS</u>			
	<u>PLUMBERS</u>			
	ROOFERS			
	POWER EQUIPME	NT OPERATORS		
	TRUCK DRIVERS			
	<u>LABORERS</u>			
	<u>OTHERS</u>			

ad	ditional sheet	if required):				
Contract	Type of	% of	When		Name, A	Address and
Amount	<u>Work</u>	Subcontract	Completed	Location	Telephon	ne of Owner
17. List	all field supe	rvisory personne	l and indicate the	ir construction	experience	: :
		No. of Years				
	Position	With this	Construction		ude and	In what
<u>Name</u>	or Office	<u>Firm</u>	Experience	Type o	<u>f Work</u>	Capacity

List specific projects which your organization has completed in the last five years (Attach

16.

If so, please state rating and type of	r work qualified to perform:
RATING TYPE OF V	<u>VORK</u>
	e and Work Preference
_	ious types of work in which you are experienced and fo
which you desire to be qualified:	
Bridge Construction	Bridge Rehabilitation
Railroad Signals	Roads Culverts
Building Construction	Building Demolition
Surface Rehabilitation	Maintenance
Tank Removal/Replacement	Foundation
Guard Rail, Fencing & Signs	Hazardous Material Removal
Construction &	Landscaping
Rehabilitation	Pavement Markings
Traffic Signals & Lighting	Water & Sewer
Road Construction	Other (as specified)
19. Financial Capability.	
• •	tional information if necessary to establish financial
The City reserves the right to request add	donar information if necessary to establish infancial

Is your firm pre-qualified by the State of Vermont?

18.

YES / NO

Item T-904 Sodding

DESCRIPTION

904-1.1 This item shall consist of furnishing, hauling, and placing approved live sod on prepared areas in accordance with this specification at the locations shown on the plans or as directed by the RPR.

MATERIALS

904-2.1 Sod. Sod furnished by the Contractor shall have a good cover of living or growing grass. This shall be interpreted to include grass that is seasonally dormant during the cold or dry seasons and capable of renewing growth after the dormant period. All sod shall be obtained from areas where the soil is reasonably fertile and contains a high percentage of loamy topsoil. Sod shall be cut or stripped from living, thickly matted turf relatively free of weeds or other undesirable foreign plants, large stones, roots, or other materials that might be detrimental to the development of the sod or to future maintenance. At least 70% of the plants in the cut sod shall be composed of the species stated in the special provisions, and any vegetation more than 6 inches (150 mm) in height shall be mowed to a height of 3 inches (75 mm) or less before sod is lifted. Sod, including the soil containing the roots and the plant growth showing above, shall be cut uniformly to a thickness not less than that stated in the special provisions.

904-2.2 Lime. Lime shall be ground limestone containing not less than 85% of total carbonates, and shall be ground to such fineness that 90% will pass through a No. 20 (850 μ m) mesh sieve and 50% will pass through a No. 100 (150 μ m) mesh sieve. Coarser material will be acceptable, providing the rates of application are increased to provide not less than the minimum quantities and depth specified in the special provisions on the basis of the two sieve requirements above. Dolomitic lime or a high magnesium lime shall contain at least 10% of magnesium oxide. Lime shall be applied at the rate of manufacturer recommendation for site conditions. All liming materials shall conform to the requirements of ASTM C602.

904-2.3 Fertilizer. Fertilizer shall be standard commercial fertilizers supplied separately or in mixtures containing the percentages of total nitrogen, available phosphoric acid, and water-soluble potash. They shall be applied at the rate and to the depth specified, and shall meet the requirements of applicable state laws. They shall be furnished in standard containers with name, weight, and guaranteed analysis of contents clearly marked thereon. No cyanamide compounds or hydrated lime shall be permitted in mixed fertilizers.

The fertilizers may be supplied in one of the following forms:

- a. A dry, free-flowing fertilizer suitable for application by a common fertilizer spreader;
- b. A finely-ground fertilizer soluble in water, suitable for application by power sprayers; or
- **c.** A granular or pellet form suitable for application by blower equipment.

Fertilizers shall be commercial fertilizer and shall be spread at the rate of manufacturer recommendation for site conditions.

904-2.4 Water. The water shall be sufficiently free from oil, acid, alkali, salt, or other harmful materials that would inhibit the growth of grass.

904-2.5 Soil for repairs. The soil for fill and topsoiling of areas to be repaired shall be at least of equal quality to that which exists in areas adjacent to the area to be repaired. The soil shall be relatively free from large stones, roots, stumps, or other materials that will interfere with subsequent sowing of seed, compacting, and establishing turf, and shall be approved by the RPR before being placed.

CONSTRUCTION METHODS

904-3.1 General. Areas to be solid, strip, or spot sodded shall be shown on the plans. Areas requiring special ground surface preparation such as tilling and those areas in a satisfactory condition that are to remain undisturbed shall also be shown on the plans.

Suitable equipment necessary for proper preparation of the ground surface and for the handling and placing of all required materials shall be on hand, in good condition, and shall be approved by the RPR before the various operations are started. The Contractor shall demonstrate to the RPR before starting the various operations that the application of required materials will be made at the specified rates.

904-3.2 Preparing the ground surface. After grading of areas has been completed and before applying fertilizer and limestone, areas to be sodded shall be raked or otherwise cleared of stones larger than 2 inches (50 mm) in any diameter, sticks, stumps, and other debris which might interfere with sodding, growth of grasses, or subsequent maintenance of grass-covered areas. If any damage by erosion or other causes occurs after grading of areas and before beginning the application of fertilizer and ground limestone, the Contractor shall repair such damage. This may include filling gullies, smoothing irregularities, and repairing other incidental damage.

904-3.3 Applying fertilizer and ground limestone. Following ground surface preparation, fertilizer shall be uniformly spread at a rate which will provide not less than the minimum quantity of each fertilizer ingredient, as stated in the special provisions. If use of ground limestone is required, it shall then be spread at a rate that will provide not less than the minimum quantity stated in the special provisions. These materials shall be incorporated into the soil to a depth of not less than 2 inches (50 mm) by discing, raking, or other suitable methods. Any stones larger than 2 inches (50 mm) in any diameter, large clods, roots, and other litter brought to the surface by this operation shall be removed.

904-3.4 Obtaining and delivering sod. After inspection and approval of the source of sod by the RPR, the sod shall be cut with approved sod cutters to such a thickness that after it has been transported and placed on the prepared bed, but before it has been compacted, it shall have a uniform thickness of not less than 2 inches (50 mm). Sod sections or strips shall be cut in uniform widths, not less than 10 inches (250 mm), and in lengths of not less than 18 inches (0.5 m), but of such length as may be readily lifted without breaking, tearing, or loss of soil. Where strips are required, the sod must be rolled without damage with the grass folded inside. The Contractor may be required to mow high grass before cutting sod.

The sod shall be transplanted within 24 hours from the time it is stripped, unless circumstances beyond the Contractor's control make storing necessary. In such cases, sod shall be stacked, kept moist, and protected from exposure to the air and sun and shall be kept from freezing. Sod shall be cut and moved only when the soil moisture conditions are such that favorable results can be expected. Where the soil is

too dry, approval to cut sod may be granted only after it has been watered sufficiently to moisten the soil to the depth the sod is to be cut.

904-3.5 Laying sod. Sodding shall be performed only during the seasons when satisfactory results can be expected. Frozen sod shall not be used and sod shall not be placed upon frozen soil. Sod may be transplanted during periods of drought with the approval of the RPR, provided the sod bed is watered to moisten the soil to a depth of at least 4 inches (100 mm) immediately prior to laying the sod.

The sod shall be moist and shall be placed on a moist earth bed. Pitch forks shall not be used to handle sod, and dumping from vehicles shall not be permitted. The sod shall be carefully placed by hand, edge to edge and with staggered joints, in rows at right angles to the slopes, commencing at the base of the area to be sodded and working upward. The sod shall immediately be pressed firmly into contact with the sod bed by tamping or rolling with approved equipment to provide a true and even surface, and ensure knitting without displacement of the sod or deformation of the surfaces of sodded areas. Where the sod may be displaced during sodding operations, the workmen, when replacing it, shall work from ladders or treaded planks to prevent further displacement. Screened soil of good quality shall be used to fill all cracks between sods. The quantity of the fill soil shall not cause smothering of the grass. Where the grades are such that the flow of water will be from paved surfaces across sodded areas, the surface of the soil in the sod after compaction shall be set approximately one inch (25 mm) below the pavement edge. Where the flow will be over the sodded areas and onto the paved surfaces around manholes and inlets, the surface of the soil in the soil after compaction shall be placed flush with pavement edges.

On slopes steeper than one (1) vertical to 2-1/2 horizontal and in v-shaped or flat-bottom ditches or gutters, the sod shall be pegged with wooden pegs not less than 12 inches (300 mm) in length and have a cross-sectional area of not less than 3/4 sq inch (18 sq mm). The pegs shall be driven flush with the surface of the sod.

904-3.6 Watering. Adequate water and watering equipment must be on hand before sodding begins, and sod shall be kept moist until it has become established and its continued growth assured. In all cases, watering shall be done in a manner that will avoid erosion from the application of excessive quantities and will avoid damage to the finished surface.

904-3.7 Establishing turf. The Contractor shall provide general care for the sodded areas as soon as the sod has been laid and shall continue until final inspection and acceptance of the work. All sodded areas shall be protected against traffic or other use by warning signs or barricades approved by the RPR. The Contractor shall mow the sodded areas with approved mowing equipment, depending upon climatic and growth conditions and the needs for mowing specific areas. Weeds or other undesirable vegetation shall be mowed and the clippings raked and removed from the area.

904-3.8 Repairing. When the surface has become gullied or otherwise damaged during the period covered by this contract, the affected areas shall be repaired to re-establish the grade and the condition of the soil, as directed by the RPR, and shall then be sodded as specified in paragraph 904-3.5.

METHOD OF MEASUREMENT

904-4.1 This item shall be measured on the basis of the area in square yards (square meters) of the surface covered with sod and accepted.

BASIS OF PAYMENT

904-5.1 This item will be paid for on the basis of the contract unit price per square yard (square meter) for sodding, which price shall be full compensation for all labor, equipment, material, staking, and incidentals necessary to satisfactorily complete the items as specified.

Payment will be made under:

Item T-904-5.1 Sodding - per square yard (square meter)

REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM International (ASTM)

ASTM C602 Standard Specification for Agricultural Liming Materials

Advisory Circulars (AC)

AC 150/5200-33 Hazardous Wildlife Attractants on or Near Airports

FAA/United States Department of Agriculture

Wildlife Hazard Management at Airports, A Manual for Airport Personnel

END OF ITEM T-904

	ABBREVIATIONS		
ARFF	AIRPORT RESCUE AND FIRE FIGHTING		
ASR	AIRPORT SURVEILLANCE RADAR		
ATCT	AIR TRAFFIC CONTROL TOWER		
AWOS	AUTOMATED WEATHER OBSERVING SYSTEM		
BRL	BUILDING RESTRICTION LINE		
CO	CLEAN OUT		
CMP	CORRUGATED METAL PIPE		
DIP	DUCTILE IRON PIPE		
DME	DISTANCE MEASURING EQUIPMENT		
EOP	EDGE OF PAVEMENT		
FBO	FIXED BASE OPERATOR		
FOD	FOREIGN OBJECT DEBRIS		
HCL	HORIZONTAL CONTROL LINE		
HDPE	HIGH DENSITY POLYURETHANE		
HECP	HORIZONTAL ELLIPTICAL CONCRETE PIPE		
ILS	INSTRUMENT LANDING SYSTEM		
LAHS0	LAND AND HOLD SHORT OPERATIONS		
MALSR	MEDIUM INTENSITY APPROACH LIGHT SYSTEM		
OFA	OBJECT FREE AREA		
PAPI	PRECISION APPROACH PATH INDICATOR SYSTEM		
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT		
RCP	REINFORCED CONCRETE PIPE		
REIL	RUNWAY END IDENTIFICATION LIGHTS		
RPZ	RUNWAY PROTECTION ZONE		
RSA	RUNWAY SAFETY AREA		
RVR	RUNWAY VISUAL RANGE		
RVZ	RUNWAY VISIBILITY ZONE		
TSA	TAXIWAY SAFETY AREA		
UD	UNDERDRAIN		
VASI	VISUAL APPROACH SLOPE INDICATOR SYSTEM		
VOR (TVOR)	VERY HIGH FREQUENCY OMNIRANGE		
WA	WORK AREA		
VFR	VISUAL FLIGHT RULES		

	DRAWING NO.	TITLE	SHEET NO.		TOTAL
	T-1	TITLE SHEET	1	OF	38
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		LEGEND AND SCHEDULE OF QUANTITIES	4	OF	38
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\triangle	(ADD-1-P-1)	PAVEMENT LAYOUT PLAN	22	OF	38
\triangle	(ADD-1-PD-1)	PAVEMENT SECTION DETAILS	23	OF	38
Λ	(ADD-1-PR-1)	PAVEMENT PROFILES	24	OF	38
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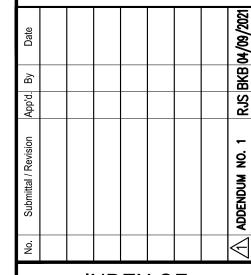
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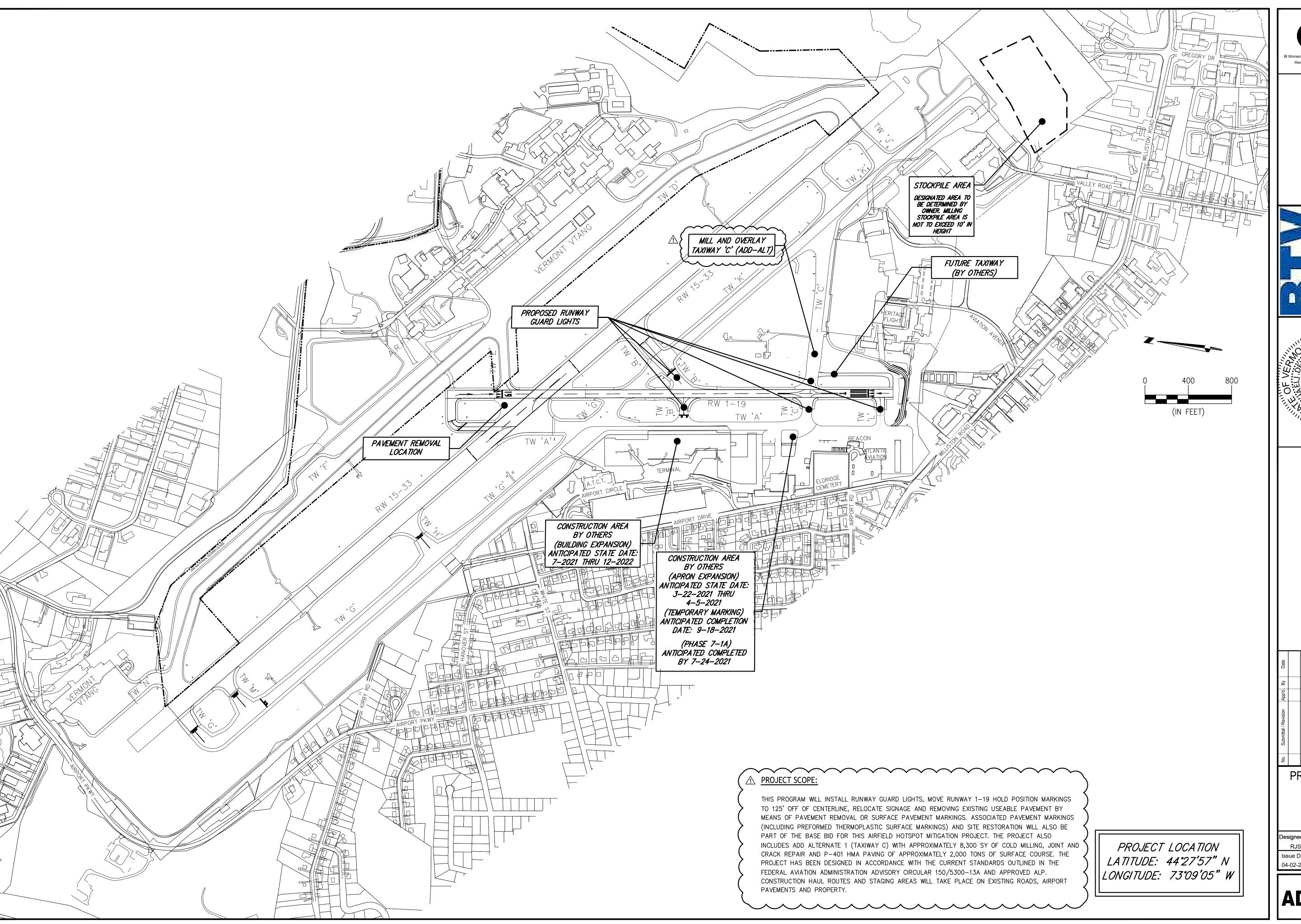
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INDEX OF DRAWINGS AND ABBREVIATIONS

Designed By:	Drawn By:	Checked By:
RJS	BKB	MJD
Issue Date:	Project No:	Scale:
04-02-2021	66552	AS SHOWN

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Sheet 2 of 38



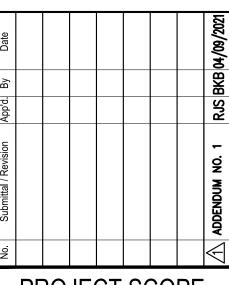
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PROJECT SCOPE

signed By: Drawn By: Check		Checked By:
RJS	BKB	MJD
sue Date:	Project No:	Scale:
1-02-2021	66552	AS SHOWN

Drawing No.:
ADD-1-PS-1

	BASE BID SCHEDULE OF QUANT	TTIES		~~~~	
ITEM NO.	ITEM DESCRIPTION	UNITS	ESTIMATED QUANTITY	ADD-1 QUANTITY	RECORD QUANTITY
C-102-5.1F	INSTALLATION AND REMOVAL OF STORM INLET PROTECTION	EA	3		
L-108-5.1	NO. 8 AWG, 5KV, L-824, TYPE C CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	LF	9,500	9,750	
L-108-5.2	NO. 6 AWG, SOLID, BARE COPPER COUNTERPOISE WIRE, INSTALLED ABOVE THE DUCT BANK OR CONDUIT, INCLUDING CONNECTIONS AND TERMINATIONS	LF	2,000	2,100	
L-110-5.1	NON-ENCASED ELECTRICAL DUCT BANK, 1-WAY 2-INCH	LF	1,675	1,800	
L-110-5.2	CONCRETE ENCASED ELECTRICAL DUCTBANK, 1-WAY 2 INCH	LF	140	160	
L-110-5.3	DIRECTIONAL BORE ELECTRICAL DUCTBANK, 1-WAY 2-INCH	LF	120	120	
L-115-5.1	ELECTRICAL JUNCTION STRUCTURE, 1-UNIT PULL-CAN PLAZA	EA	3	3	
L-125-5.1	L-850 LED IN-PAVEMENT RUNWAY THRESHOLD LIGHT ON EXISTING BASE CAN	EA	8	8	
L-125-5.2	L-804 LED RUNWAY GUARD LIGHT ON L-867 BASE CAN	EA	10	10	
L-125-5.3	RELOCATE RUNWAY HOLD SIGN WITH NEW L-867 BASE CAN AND CONCRETE FOUNDATION	EA	4	5	
MST-01	ENGINEER'S FIELD OFFICE - TYPE I	MONTH	\3	1	
MST-02	BASIC MAINTENANCE AND PROTECTION OF TRAFFIC	LS	X	1	
MST-03	CONSTRUCTION ENGINEERING	LS	1	1	
P-101-5.1	PAVEMENT REMOVAL	SY	1,275	1,275	
P-152-4.4	EMBANKMENT IN PLACE	CY	230	230	
P-620-5.1A	SURFACE PREPARATION	SF	8,000	13,000	
P-620-5.2C	MARKINGS (FINAL WITH BEADS)	SF	8,200	7,150	
P-620-5.2D	MARKINGS (BLACK)	SF	12,000	9,800	
P-620-5.5E	PREFORMED THERMOPLASTIC AIRPORT PAVEMENT MARKINGS	SF	1,860	2,325	
T-901-5.1	SEEDING	ACRE	0.5	0.25	
T-904-5.1	SODDING	SY	0	600	
T-905-5.1	TOPSOIL	CY	140	140	
C-105	MOBILIZATION (3% MAX OF TOTAL)	LS	/ 1	1	

	ADD ALTERNATE 1 SCHEDULE OF QUANTITIES				
ITEM NO.	ITEM DESCRIPTION	UNITS	ESTIMATED (QUANTITY	ADD-1 QUANTITY	RECORD QUANTITY
C-100	CONTRACTOR QUALITY CONTROL PLAN (CQCP)	LS	1 /		
C-102-5.1F	INSTALLATION AND REMOVAL OF STORM INLET PROTECTION	EA	3	2	
MST-01	ENGINEER'S FIELD OFFICE - TYPE I	MONTH	3	2	
MST-02	BASIC MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1	1	
MST-03	CONSTRUCTION ENGINEERING	LS	1	1	
P-101-5.2	JOINT AND CRACK REPAIR	LF	2,500	2,500	
P-101-5.6	COLD MILLING (DEPTH 4")	SY	8 300	8,300	
P-152-4.1	UNCLASSIFIED EXCAVATION	CY	X 5	75	
P-401S-8.1A	BITUMINOUS SURFACE COURSE	TON	2,000	2,000	
P-603-5.1	EMULSIFIED ASPHALT TACK COAT	GAL	1,700	1,700	
P-620-5.2B	MARKINGS (INITIAL WITHOUT BEADS)	SF	2,000	2,000	
P-620-5.2C	MARKINGS (FINAL WITH BEADS)	SF	8,200	2,250	
P-620-5.2D	MARKINGS (BLACK)	SF	12,000	4,750	
T-901-5.1	SEEDING	ACRE	0.5	0.25	
C-105	MOBILIZATION (3% MAX OF TOTAL)	LS	1	1	

* SEE ESTIMATING NOTES

ESTIMATING NOTES:

- 1. ALL ESTIMATE QUANTITIES INCLUDE THE CONSTRUCTION TOLERANCES ALLOWED BY THE SPECIFICATIONS IN ADDITION TO THE BASE QUANTITY CALCULATED FROM THE CONTRACT DRAWINGS.
- 2. BASED ON CONSTRUCTION EXPERIENCE THE FOLLOWING DENSITIES WERE USED IN ESTIMATE CALCULATION:

P-401S-8.1A BITUMINOUS SURFACE COURSE

150.0 #/CF

3. THE CONTRACTOR SHALL SUBMIT A QUALITY CONTROL PLAN PER SPECIFICATION ITEM C-100.

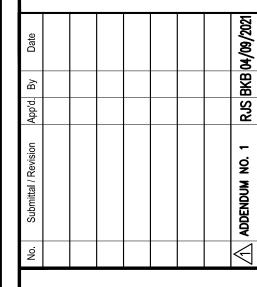


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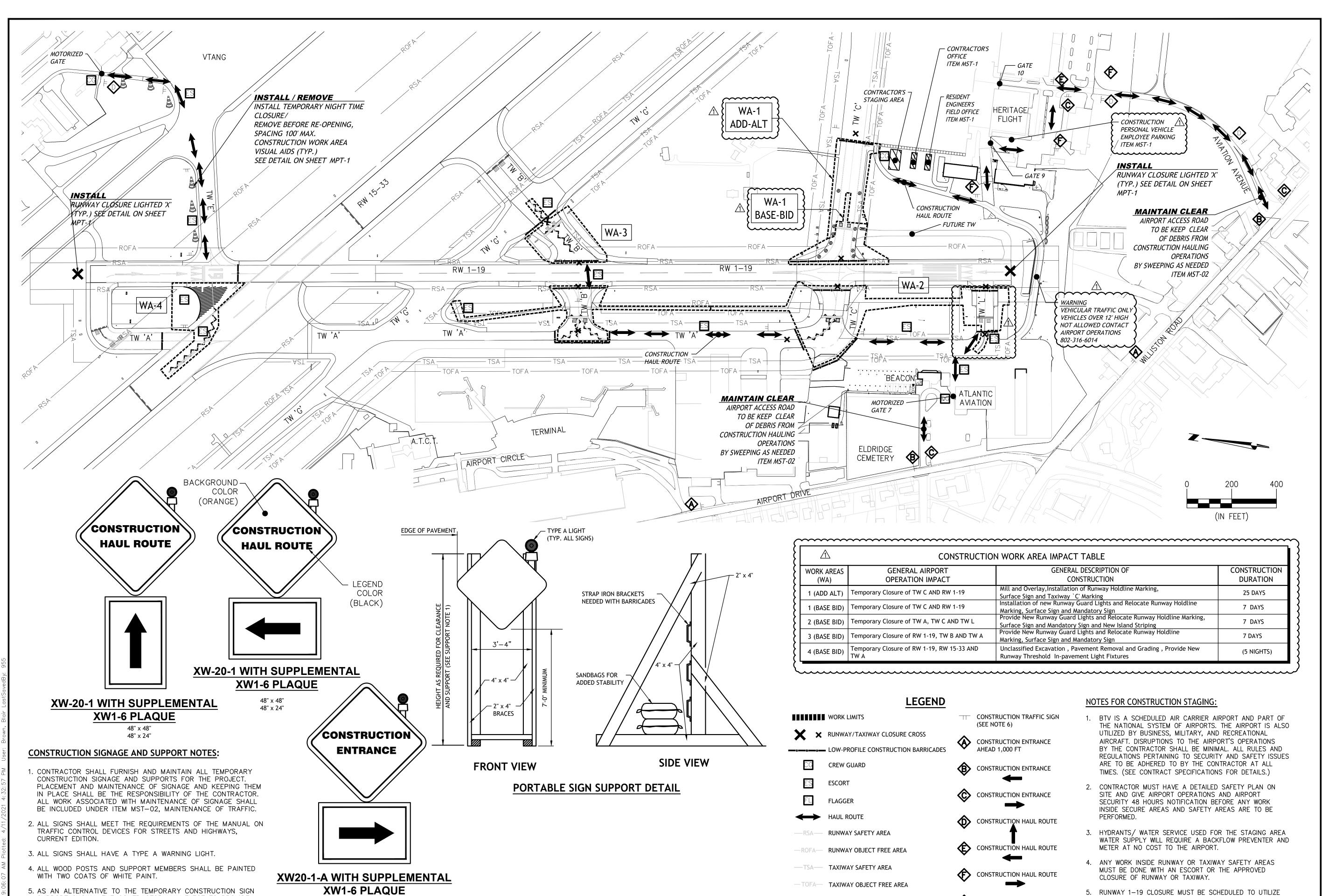
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LEGEND AND SCHEDULE OF QUANTITIES

Designed By:	Drawn By:	Checked By:
RJS	BKB	MJD
Issue Date:	Project No:	Scale:
04-02-2021	66552	AS SHOWN

ADD-1-SQ-



SUPPORT SHOWN, THE CONTRACTOR MAY ELECT TO PROVIDE

DRIVEN WOOD OR STEEL TEMPORARY SIGNAGE SUPPORTS.

60" x 60" 48" x 24"

TRAFFIC SIGN INSTALLATION DETAIL

ITEM MST-02

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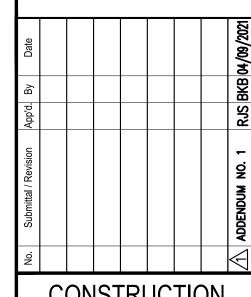
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CONSTRUCTION ACCESS AND STAGING PLAN

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DPF	BKB	MJD
Issue Date:	Project No:	Scale:
04-02-2021	66552	AS SHOWN

Drawing No.:

ADD-1-CS-1
Sheet 9 of 38

6. CONSTRUCTION IS ANTICIPATED TO BEGIN AUGUST 10, 2021

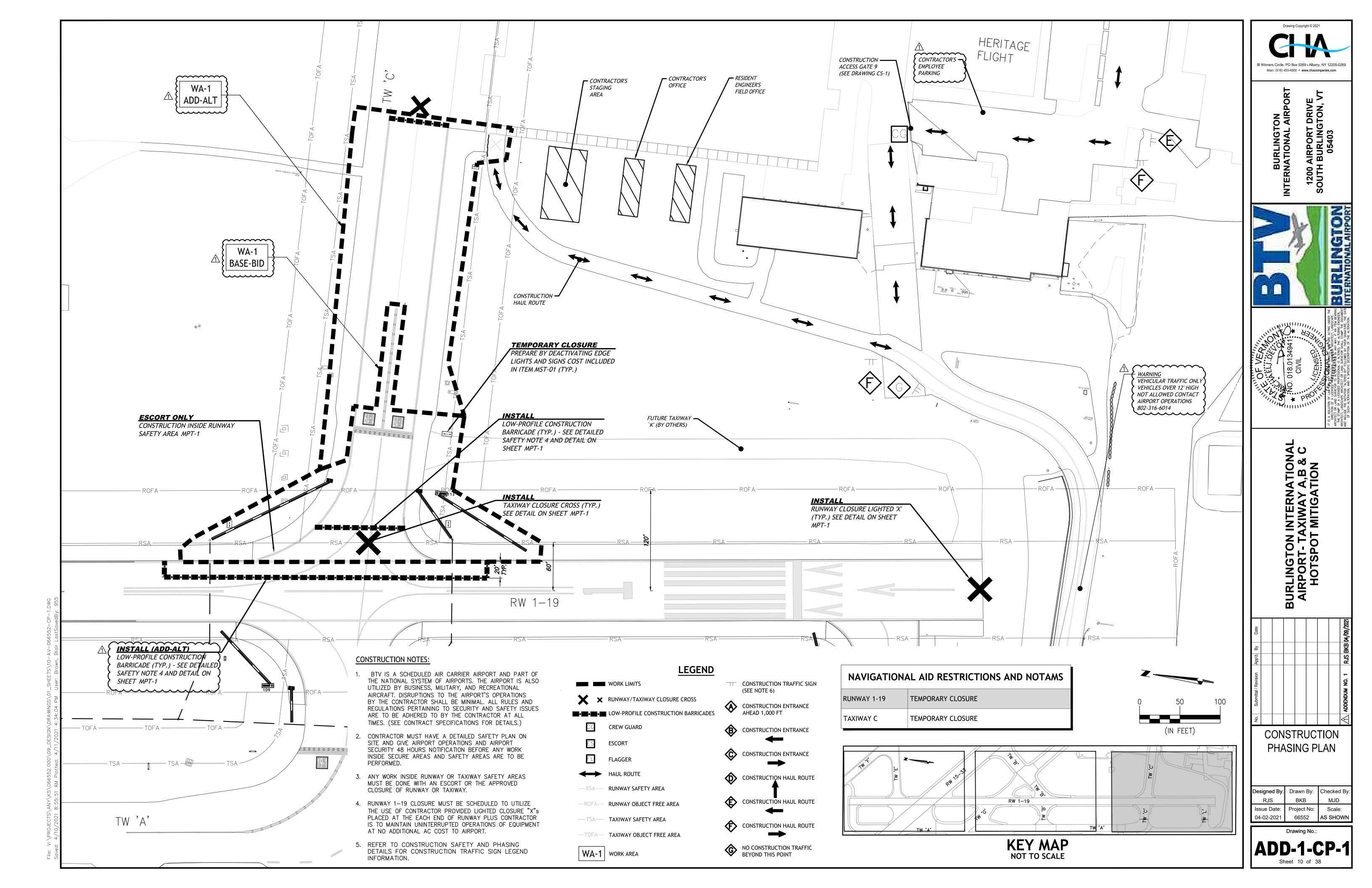
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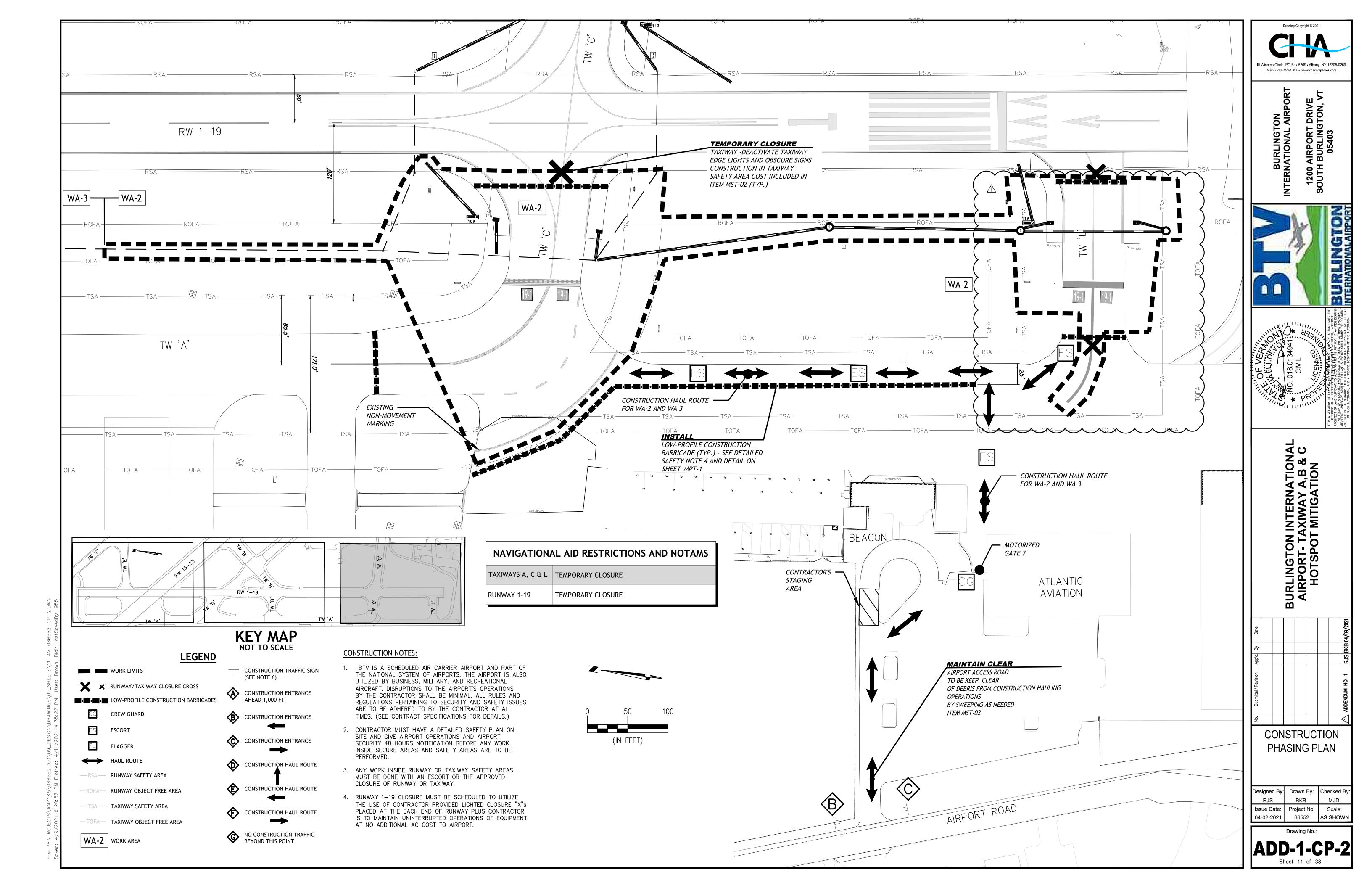
THE USE OF CONTRACTOR PROVIDED LIGHTED CLOSURE "X"s

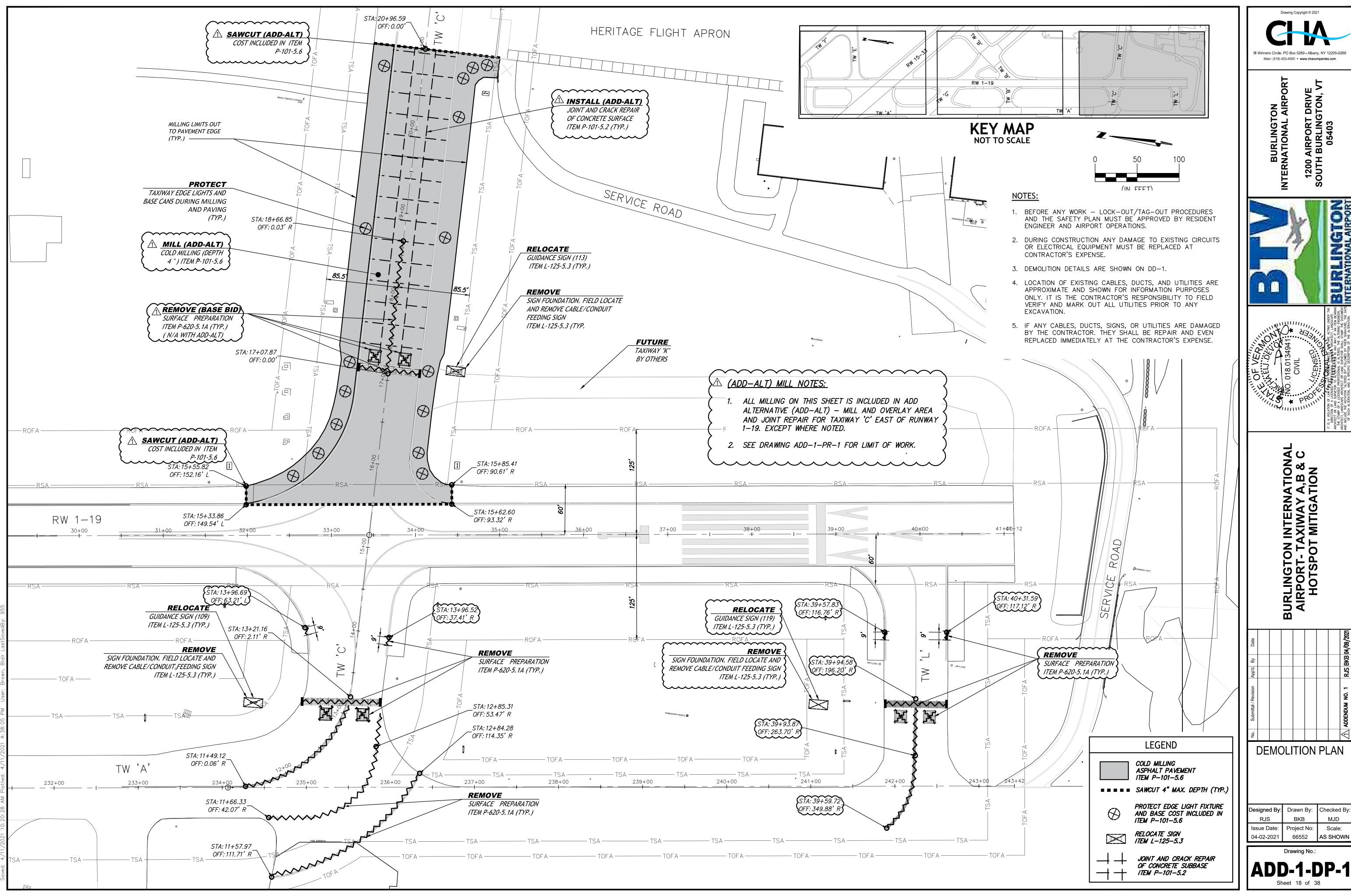
PLACED AT THE EACH END OF RUNWAY PLUS CONTRACTOR IS TO MAINTAIN UNINTERRUPTED OPERATIONS OF EQUIPMENT

NO CONSTRUCTION TRAFFIC BEYOND THIS POINT

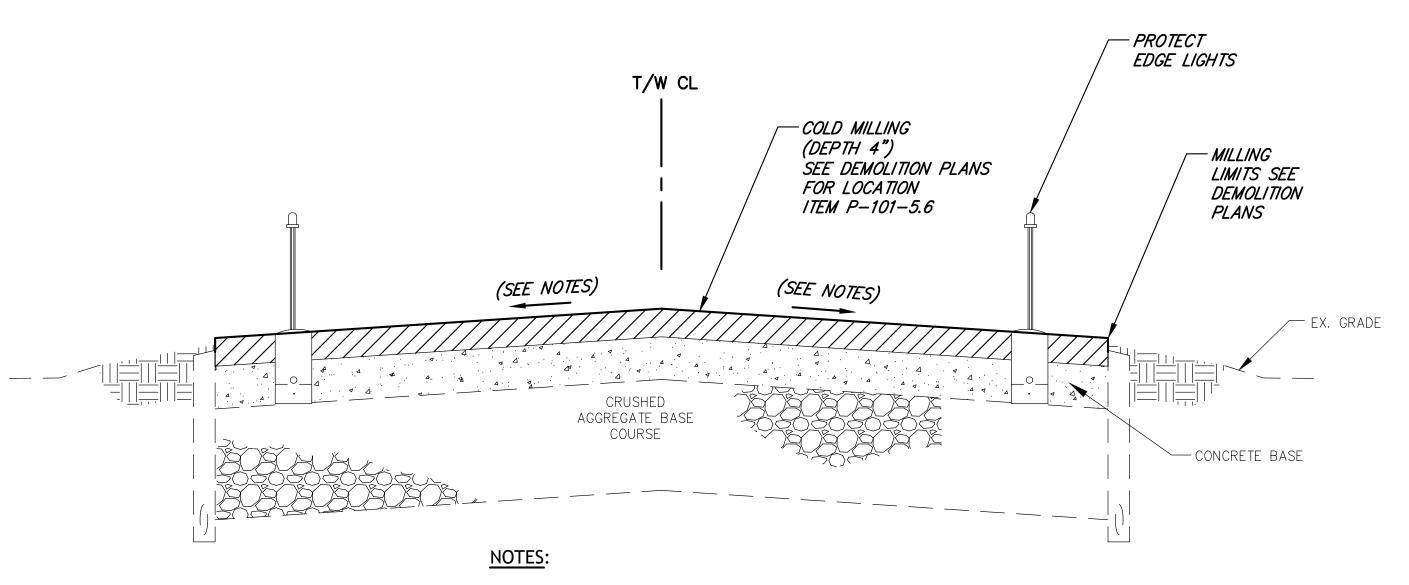
WA-2 WORK AREA





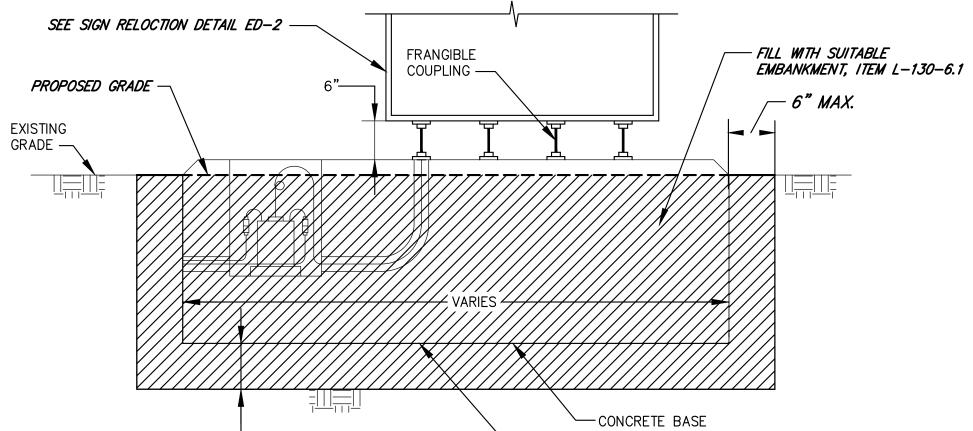


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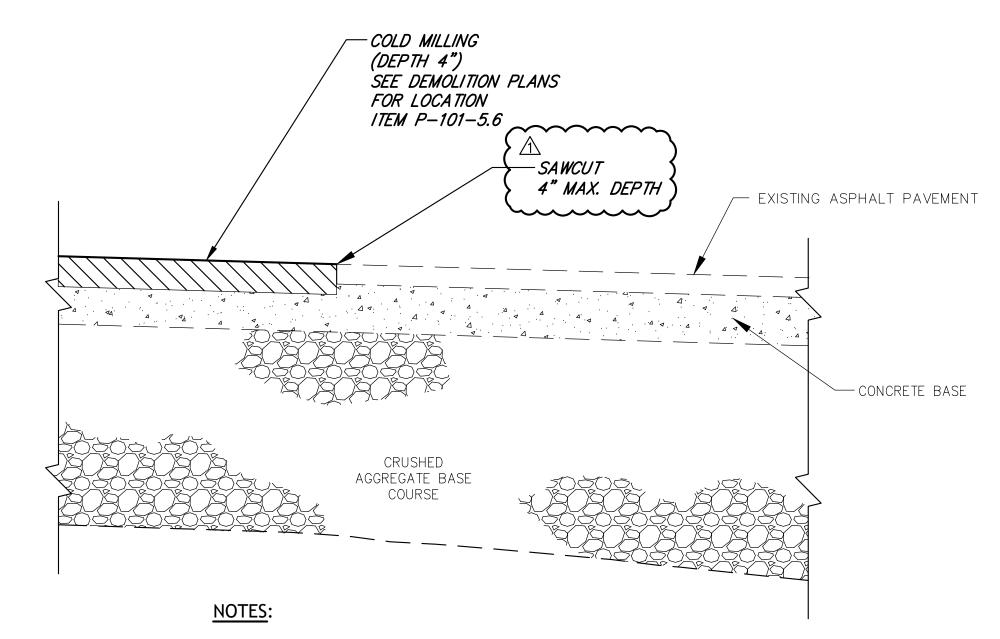
- 1. SEE GRADING AND PAVING PLANS FOR WORK LIMITS.
- 2. REFER TO PAVING PLANS AND GRADING PLANS FOR PAVEMENT LAYOUT AND PROPOSED ELEVATIONS.

 \triangle (ADD-ALT) COLD MILLING DEMOLITION DETAIL SCALE: NO SCALE



- 1. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF OFFSITE ITEM L-125.
- 2. BACKFILL VOID WITH SUITABLE MATERIAL ITEM L-125.

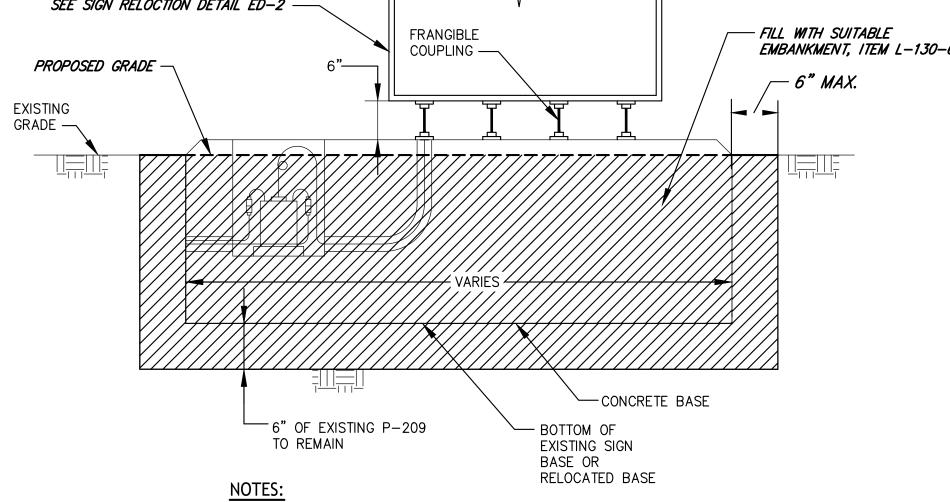




- 1. SEE GRADING AND PAVING PLANS FOR WORK LIMITS.
- 2. REFER TO PAVING PLANS AND GRADING PLANS FOR PAVEMENT LAYOUT AND PROPOSED ELEVATIONS.

TIE-IN TO ASPHALT PAVEMENT SECTION DETAIL SCALE: NO SCALE

(ADD-ALT)



riangle (ADD-ALT) MILL NOTES:

1. ALL MILLING ON THIS SHEET IS INCLUDED IN ADD ALTERNATIVE (ADD-ALT) - MILL AND OVERLAY AREA AND JOINT REPAIR FOR TAXIWAY 'C' EAST OF RUNWAY 1-19. EXCEPT WHERE NOTED.

2. SEE DRAWING ADD-1-PR-1 FOR LIMIT OF WORK.

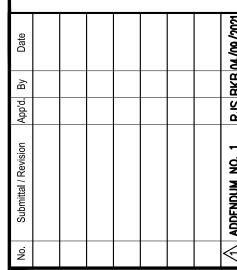
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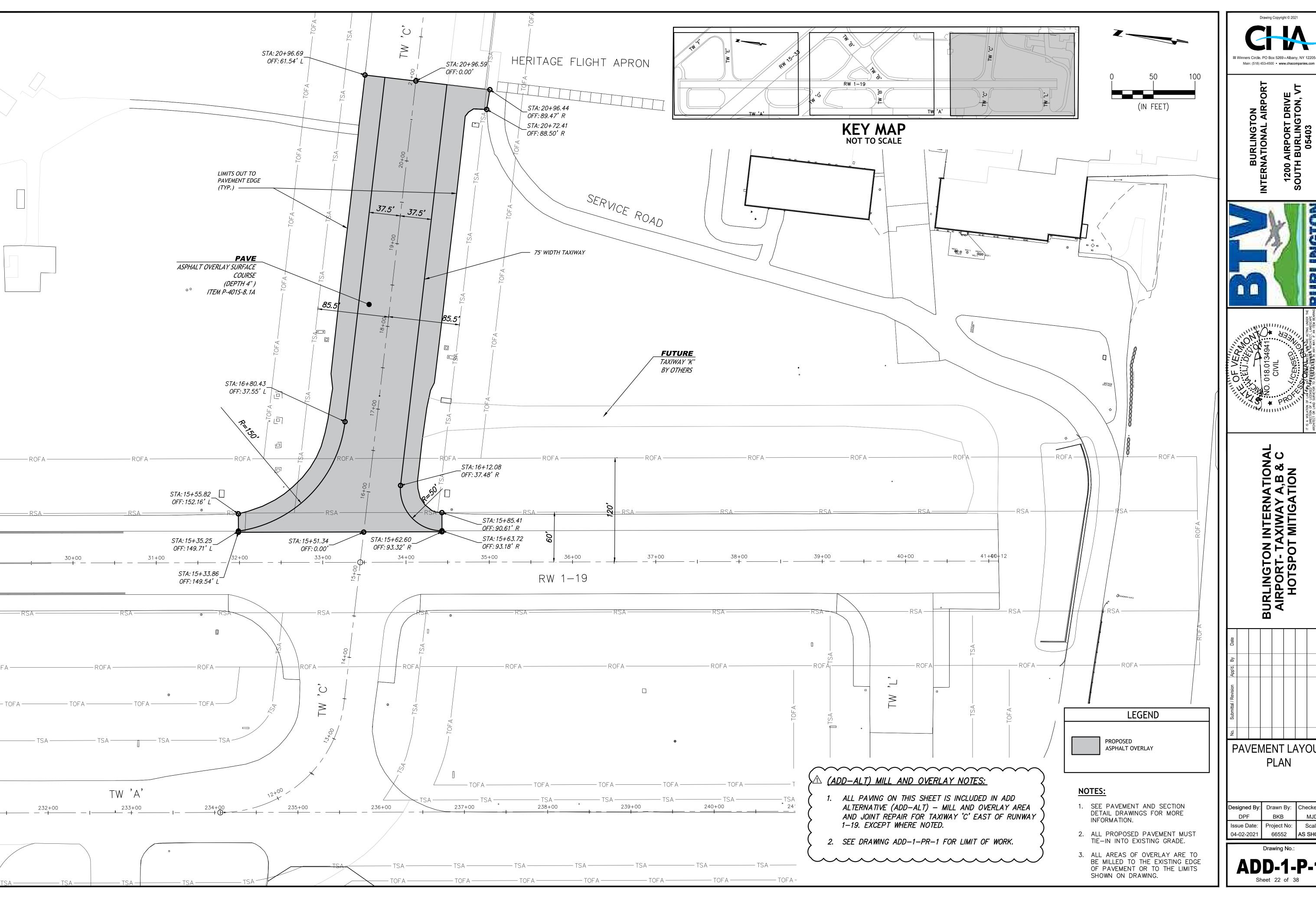
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DEMOLITION DETAILS

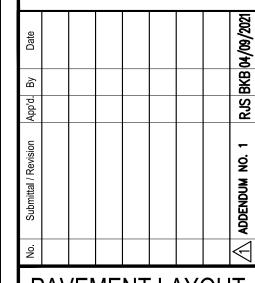
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04-02-2021	66552	AS SHOWN

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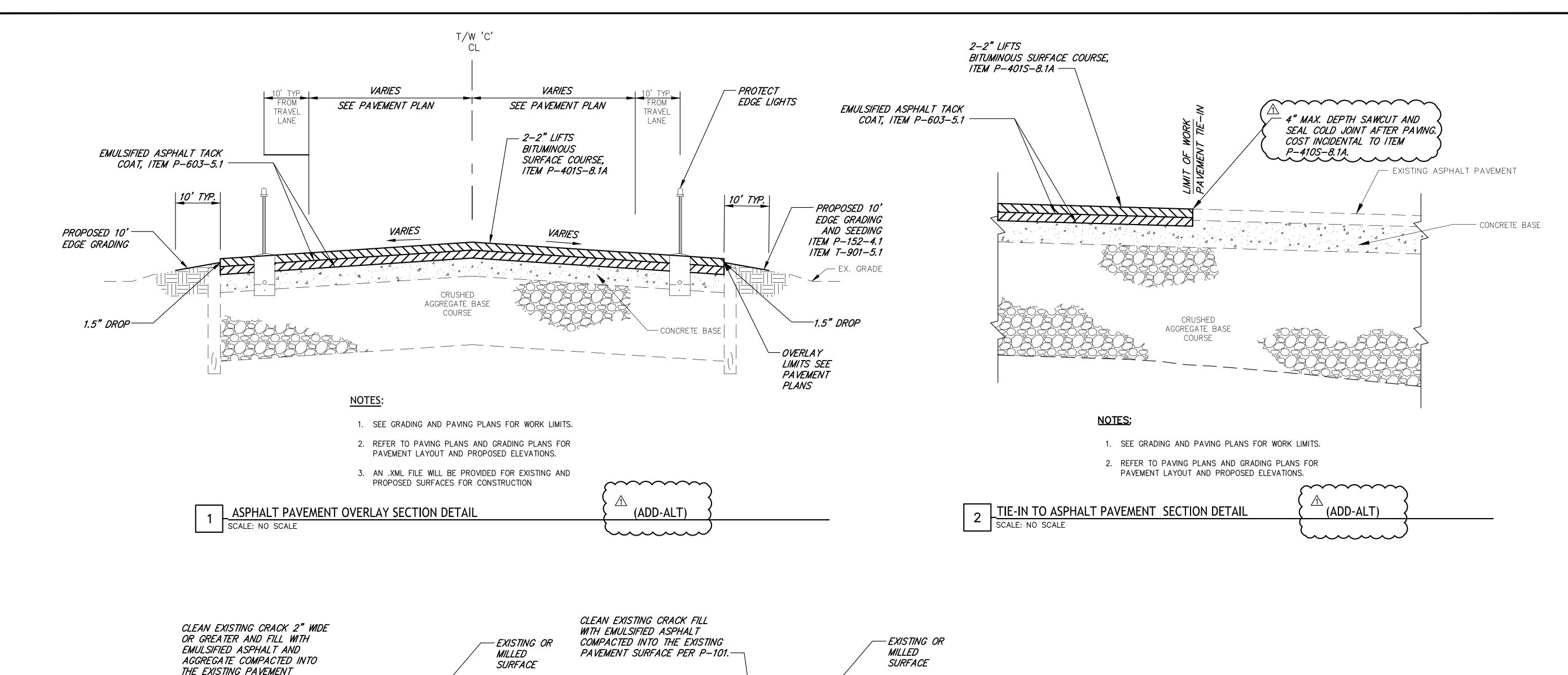
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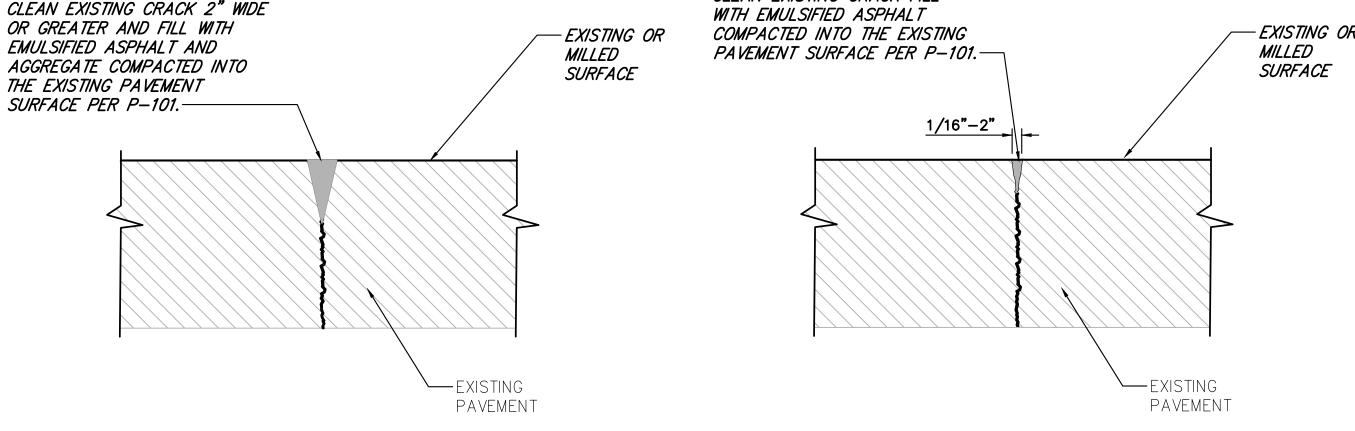


PAVEMENT LAYOUT PLAN

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Issue Date:	Project No:	Scale:
04-02-2021	66552	AS SHOWN

Drawing No.:





PAVEMENT CRACK REPAIR DETAIL CRACK WIDTH 2 INCH OR LARGER

PAVEMENT CRACK CLEANING AND SEALING D
TAIL CRACK WIDTH 1/16 TO 2 INCHES

3 PAVEMENT JOINT AND CRACK REPAIR DETAIL
SCALE: NO SCALE

ITEM P-101-5.2

(ADD-ALT)

(ADD-ALT) MILL AND OVERLAY NOTES:

- 1. ALL PAVING ON THIS SHEET IS INCLUDED IN ADD
 ALTERNATIVE (ADD-ALT) MILL AND OVERLAY AREA
 AND JOINT REPAIR FOR TAXIWAY 'C' EAST OF RUNWAY
 1-19. EXCEPT WHERE NOTED.
- 2. SEE DRAWING ADD-1-PR-1 FOR LIMIT OF WORK.

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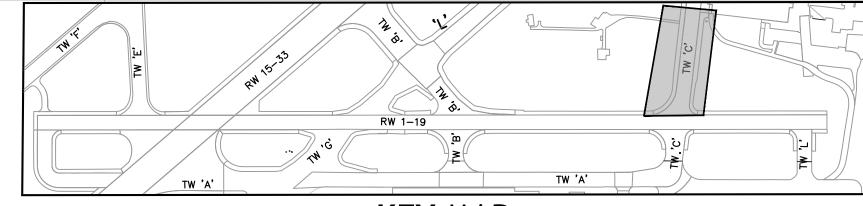
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No. Submittal / Revision App'd. By Date

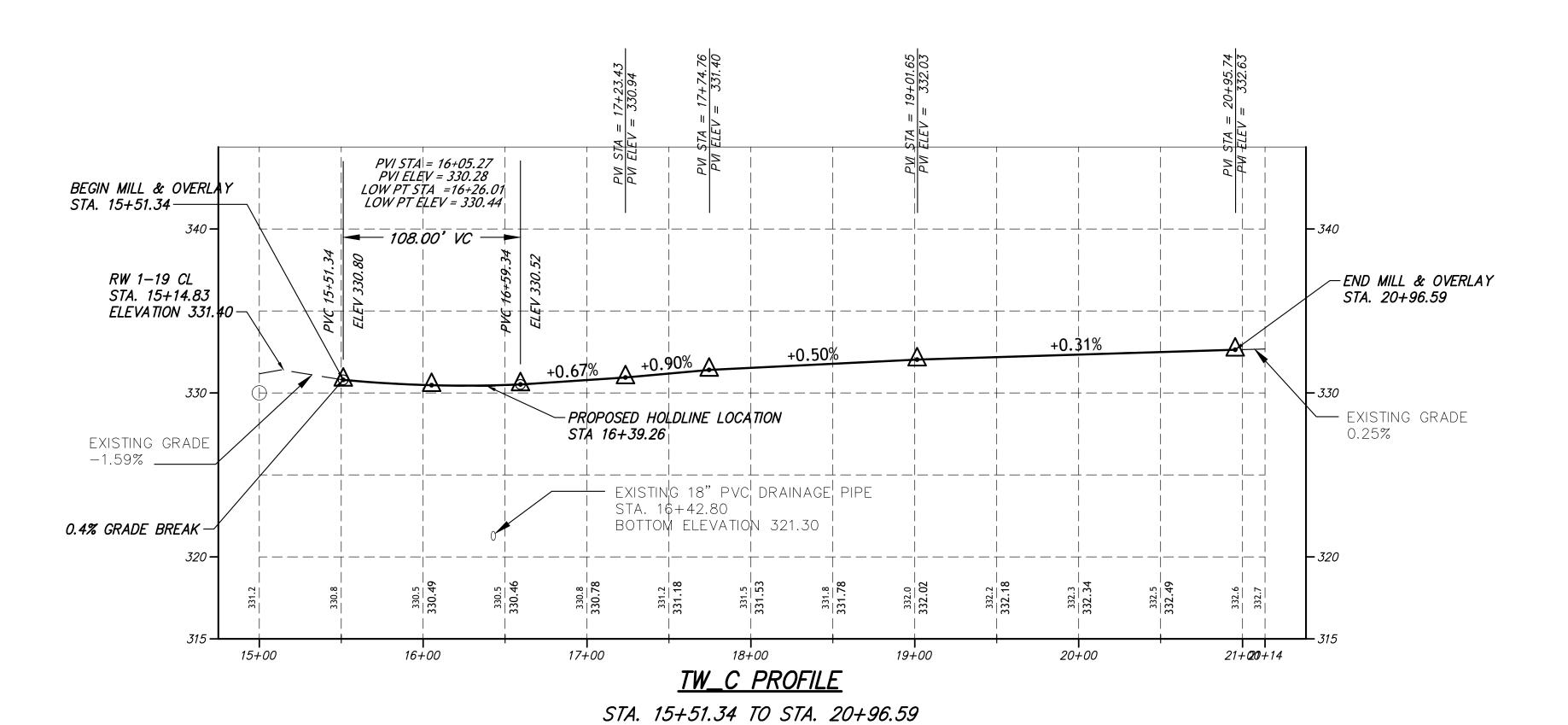
PAVEMENT DETAILS

Designed By:Drawn By:Checked By:RJSBKBMJDIssue Date:Project No:Scale:04-02-202166552AS SHOWN

ADD-1-PD-1



KEY MAP NOT TO SCALE



\(\triangle \) (ADD-ALT) MILL AND OVERLAY NOTES:

1. ALL PAVING ON THIS SHEET IS INCLUDED IN ADD
ALTERNATIVE (ADD-ALT) - MILL AND OVERLAY AREA
AND JOINT REPAIR FOR TAXIWAY 'C' EAST OF RUNWAY
1-19. EXCEPT WHERE NOTED.

2. SEE DRAWING ADD-1-P-1 FOR PAVING LIMITS.

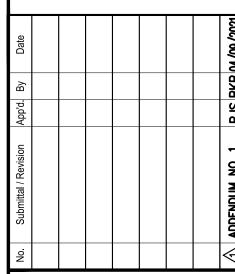
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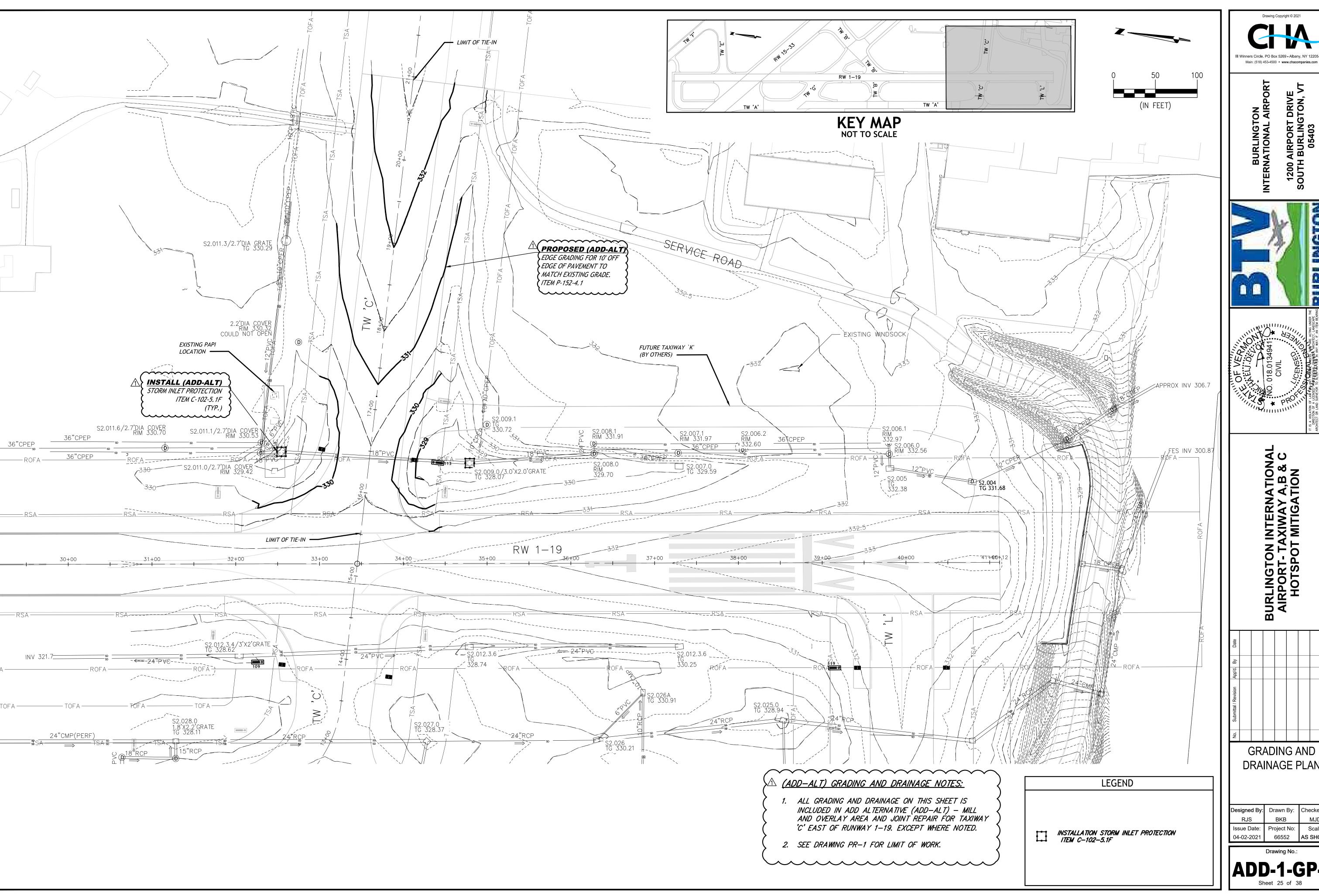
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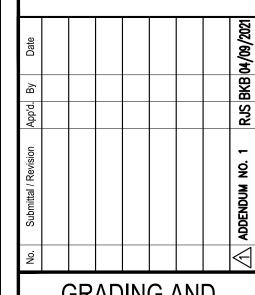
PAVEMENT PROFILES

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ADD-1-PR-1
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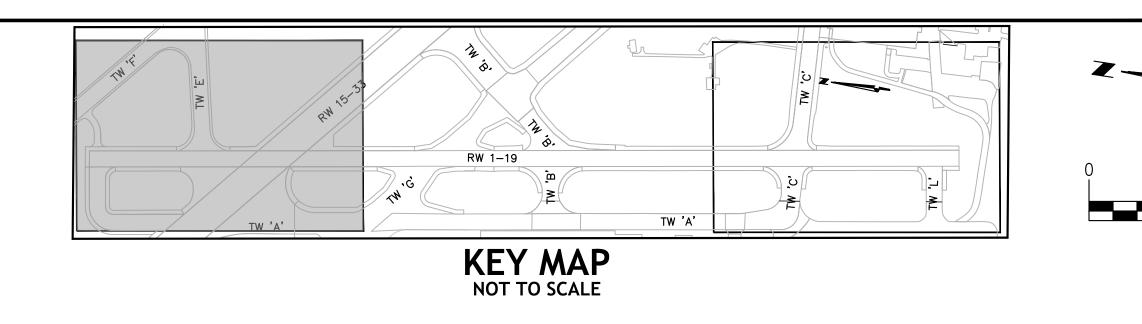
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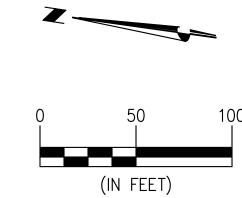


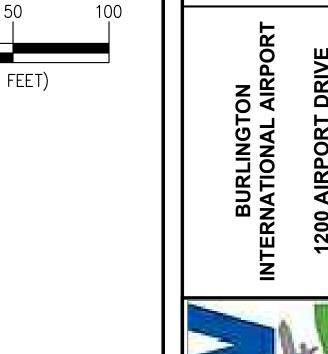
GRADING AND DRAINAGE PLAN

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04-02-2021	66552	AS SHOWN

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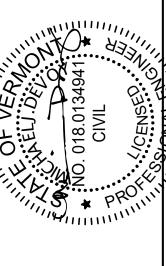


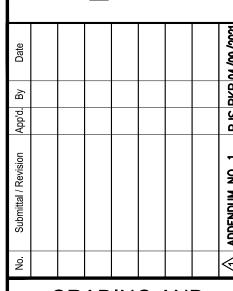






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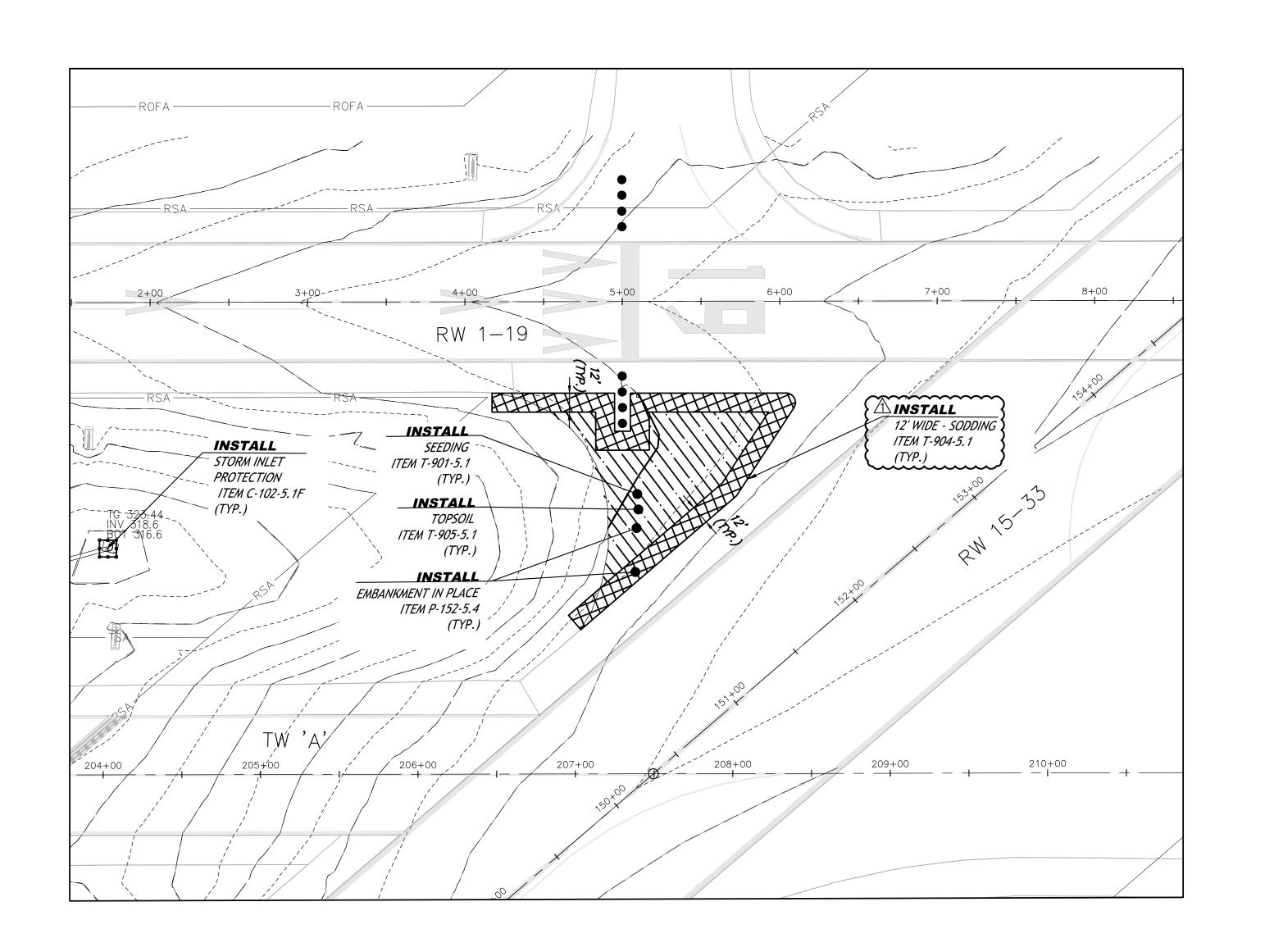




GRADING AND DRAINAGE PLAN

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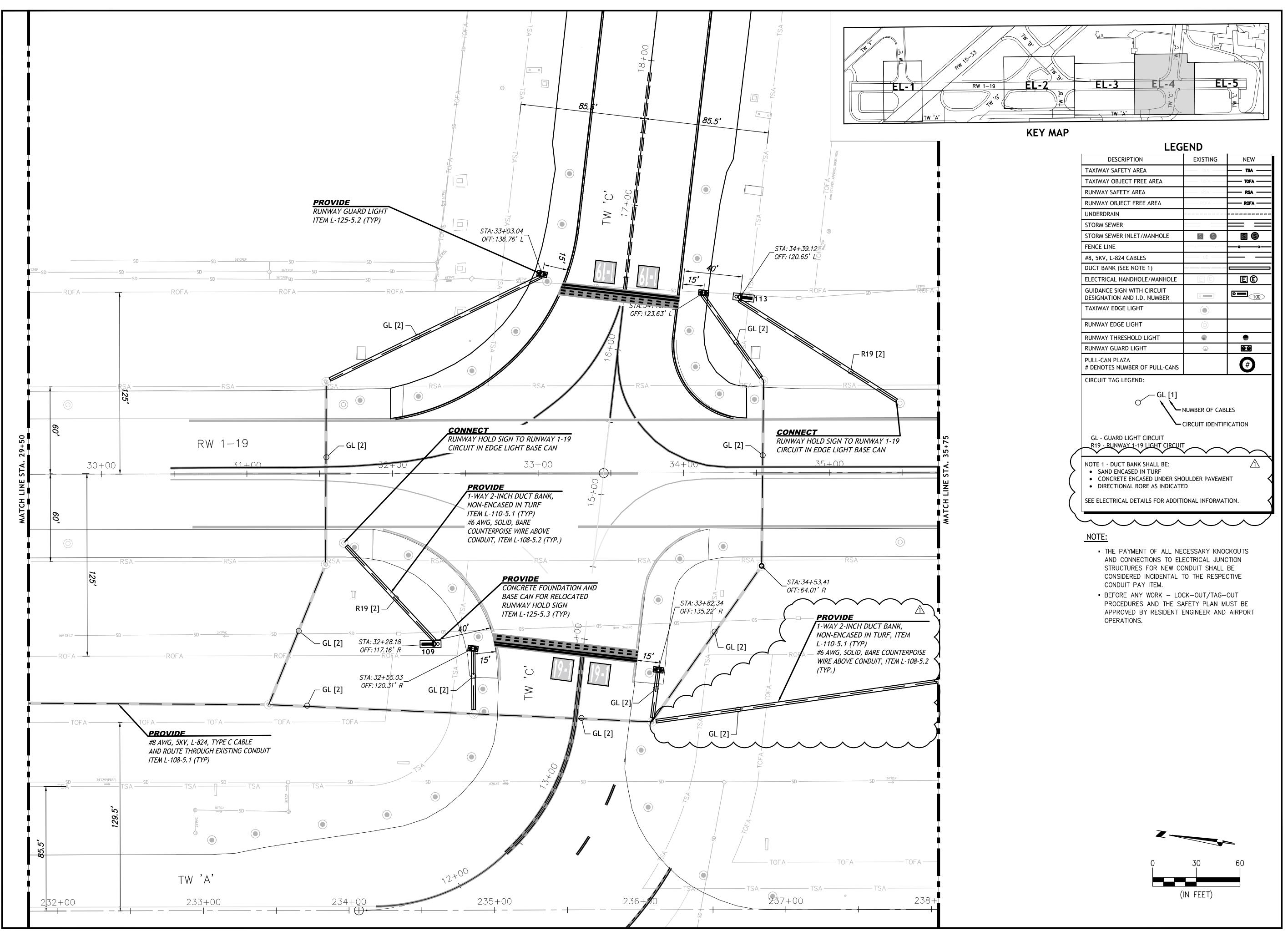
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Sheet 26 of 38



LEGEND

EMBANKMENT, TOPSOIL AND SEEDING AREA





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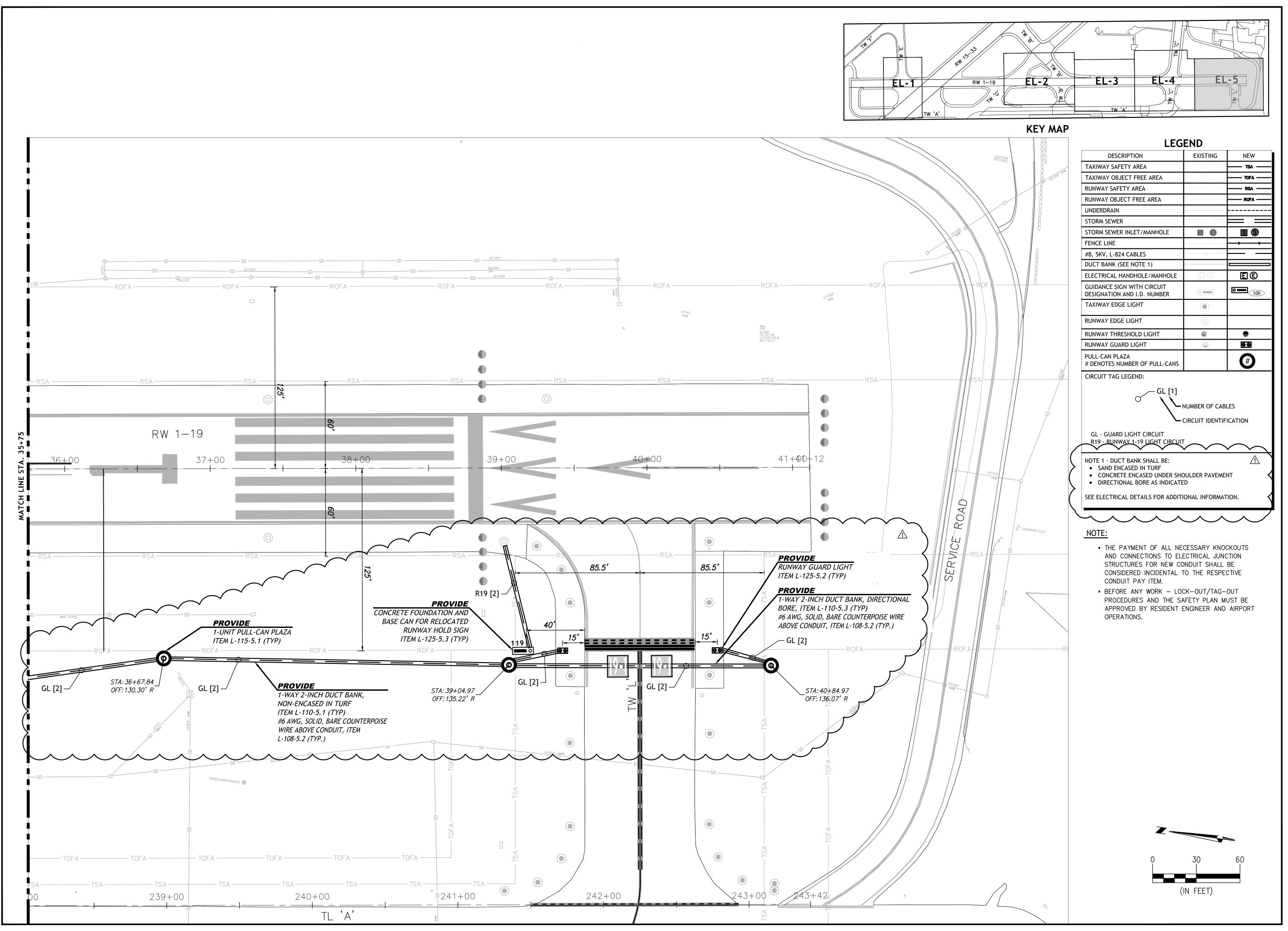
ELECTRICAL PLAN

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BURLINGTON INTERNATIONA AIRPORT- TAXIWAY A,B & C HOTSPOT MITIGATION

No. Submittal / Revision App'd. By Date

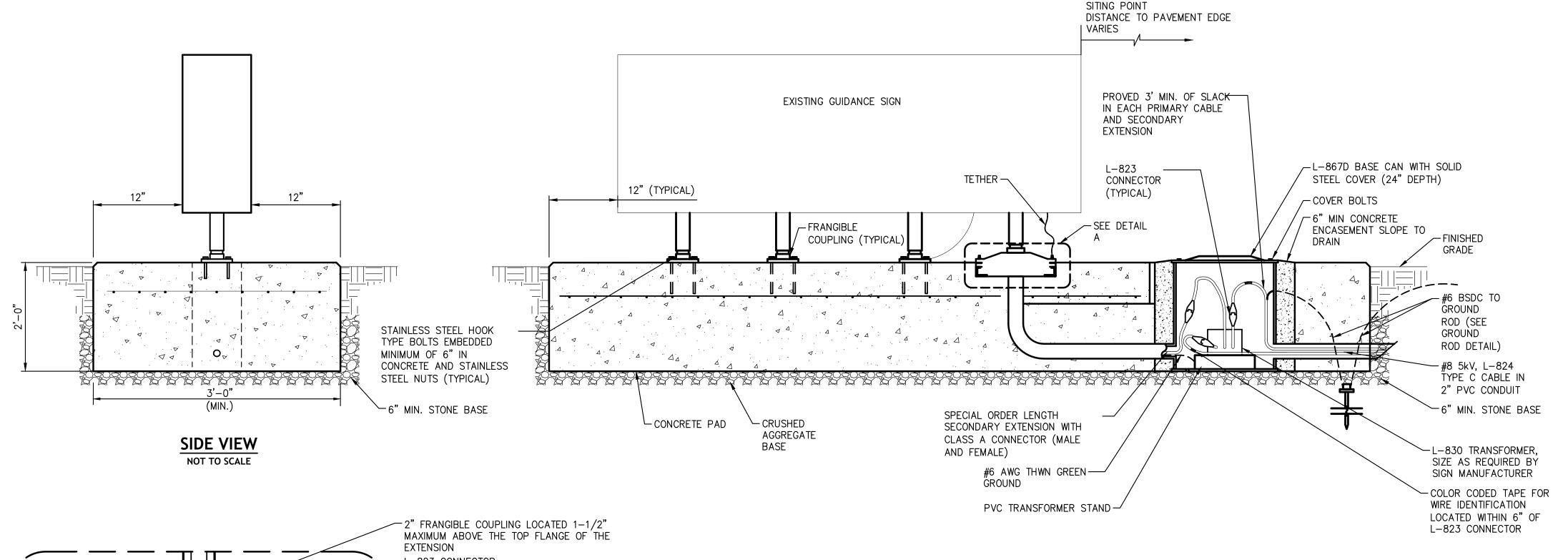
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Rad Appendix No. 1 Rad BKB 04/09/2021

Designed By:	Drawn By:	Checked By:
KAT	KAT	MJD
Issue Date:	Project No:	Scale:
04-02-2021	66552	AS SHOWN

ADD-1-EL-5
Sheet 31 of 38



MAXIMUM ABOVE THE TOP FLANGE OF THE EXTENSION L-823 CONNECTOR COVER PLATE FOR L-867 BASE LOCK WASHER AND STAINLESS STEEL BOLT NEOPRENE GASKET L-867 EXTENSION SIZE B, CLASS I 3" DEEP SECONDARY LEAD SIGN GROUND, ROUTE THRU CONDUIT TO L-867D BASE CAN AND BOND TO INTERNAL GROUND LUG DETAIL A

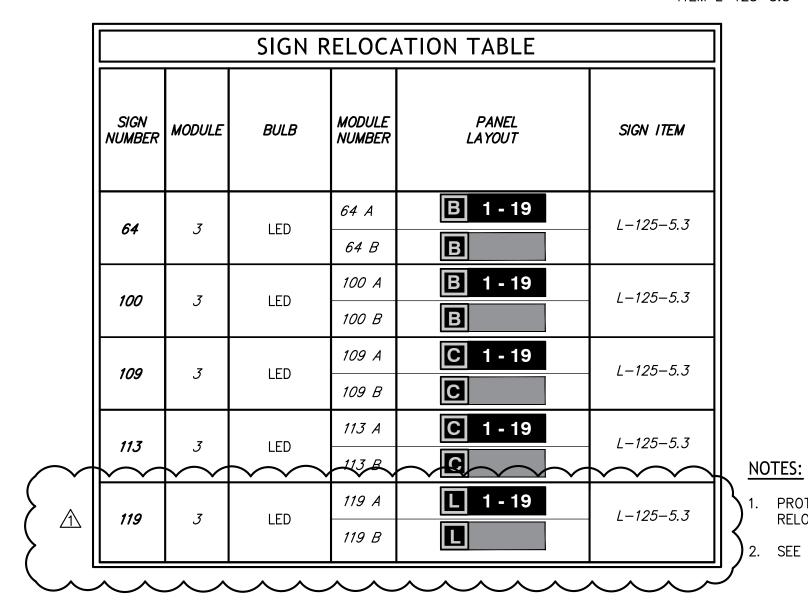
GUIDANCE SIGN NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ALL CABLE, CONDUITS, TRANSFORMERS, AND ALL MISCELLANEOUS ITEMS REQUIRED FOR COMPLETE INSTALLATION OF THE SIGNS.
- 2. UNLESS OTHERWISE NOTED, SIGNS SHALL BE ORIENTED SO THAT THE SIGN FACE IS PERPENDICULAR TO THE CENTERLINE OF THE TAXIWAY CENTERLINE.
- 3. ALL DISTURBED AREAS SHALL BE TOPSOILED AND MULCH SEEDED. THESE QUANTITIES ARE CONSIDERED INCIDENTAL AND ARE TO BE INCLUDED IN THE CONTRACTOR'S RELOCATE GUIDANCE SIGN UNIT PRICE. SEPARATE MEASUREMENT AND PAYMENT FOR THESE QUANTITIES SHALL NOT BE MADE.
- 4. CONTRACTOR SHALL CONNECT ELECTRICAL CABLE FOR GUIDANCE SIGN TO THE CIRCUIT SHOWN ON THE PLAN.
- 5. BASE CANS REQUIRED AT EACH SIGN INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THE RELOCATE GUIDANCE SIGN UNIT PRICE. BASE CANS AND BASE INSTALLATION COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT PRICE. SEPARATE MEASUREMENT AND PAYMENT FOR THESE QUANTITIES SHALL NOT BE MADE.
- 6. GUIDANCE SIGNS WITH MULTIPLE MODULES CONNECTED TOGETHER IN ONE FRAME MUST USE A TETHER AT BOTH ENDS. FOR GUIDANCE SIGN ARRAYS, AT LEAST ONE (1) TETHER SHALL BE LOCATED ON THE OUTSIDE LEG OF THE ARRAY. THE COST FOR FURNISHING AND INSTALLING TETHER(S) SHALL BE CONSIDERED INCIDENTAL TO THE SIGN INSTALLATION. NO FURTHER MEASUREMENT FOR PAYMENT WILL BE MADE.

1 RELOCATION GUIDANCE SIGN DETAIL
SCALE: NO SCALE

NOT TO SCALE

ITEM L-125-5.3



SIGN LEGEND

RUNWAY SIGN PANEL WHITE INSCRIPTION / RED BACKGROUND AND BLACK OUTLINED TEXT

TAXIWAY SIGN PANEL YELLOW INSCRIPTION / BLACK BACKGROUND

TAXIWAY DIRECTIONAL SIGN BLACK INSCRIPTION / YELLOW BACKGROUND

TAXIWAY SIGN PANEL BLACK BACKGROUND

RELOCATION TO NEW BASES.

RELOCATION GUIDANCE SIGN TABLE

SCALE: NO SCALE

ITEM L-125-5.3

SEE SIGNAGE AND MARKING PLANS FOR SIGN LOCATIONS.

PROTECT ALL EXISTING SIGNS AND PANELS DURING

III Winners Circle. PO Box 5269 • Albany, NY 12205-0269

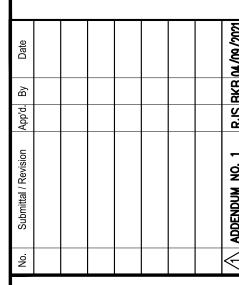
Main: (518) 453-4500 • www.chacompanies.com

BURLINGTON
TERNATIONAL AIRPORT
1200 AIRPORT DRIVE
OUTH BURLINGTON, VT





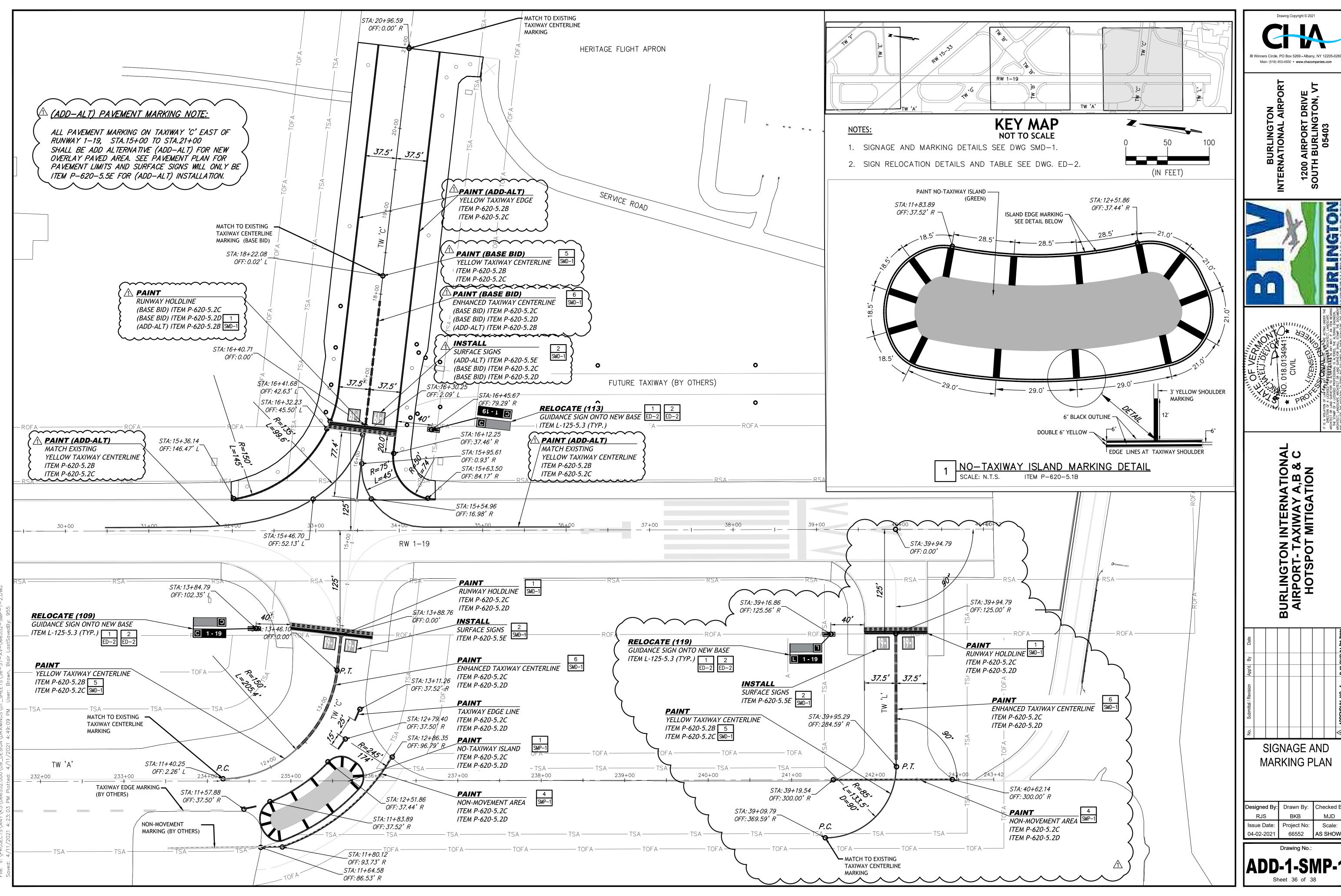
BURLINGTON INTERNATIONA AIRPORT- TAXIWAY A,B & C HOTSPOT MITIGATION

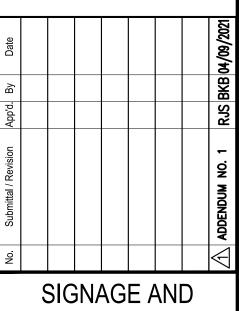


ELECTRICAL DETAILS

Designed By:	Drawn By:	Checked By:
KAT	KAT	MJD
Issue Date:	Project No:	Scale:
04-02-2021	66552	AS SHOWN

ADD-1-ED-2





Designed By:	Drawn By:	Checked By:
RJS	BKB	MJD
Issue Date:	Project No:	Scale:
04-02-2021	66552	AS SHOWN