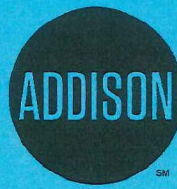


**RIGHT OF WAY, EXCAVATION &
LANE CLOSURE PERMIT**



**INFRASTRUCTURE &
DEVELOPMENT SERVICES**

16801 WESTGROVE DRIVE
ADDISON, TEXAS 75001
972.450.2871

W-1431

PERMIT NUMBER

6/04/18

START DATE

8/24/18

EST. COMPLETION DATE

ADVANCED TRANSOL

CONTRACTOR

TOA/AATI

FOR

4500 CLAIRE CHENNAULT

LOCATION (ADDRESS)

TAXILANE UNIFORM AND CLAIRE CHENNAULT

LOCATION (ACTUAL)

CONCRETE REPLACEMENT

TYPE OF WORK

THIS CARD MUST BE DISPLAYED ON THE JOB SITE AT ALL TIMES.



FOR ADDISON USE ONLY
 Permit Number: W-1431
 Location: Airport, Claire Chenault

APPLICATION
Right of Way Work Permit-GENERAL

(General Non-Franchise, Private Development, Work for the Town and Miscellaneous Work)

PLEASE PRINT LEGIBLY

Date of application: 05.16.18
 Property Owner/Developer Name: Town of Addison/Addison Airport Company Phone #: (972) 392-4855
 Property Owner Contact Name: Soel Jonkinson Phone #: _____
 General Contractor Name: Advanced Transol Consultants, LLC Phone #: (469) 432-4975
 Site Supervisor Name: Marwan Muwaqet 24 hour phone #: (469) 432-4975
 Work Site Address and Location: Addison Airport
 Purpose and general description of work: Wing Aviation Connector, Claire Chenault Dr
 Proposed Start Work Date: 05.24.18 Estimated Completion Date: 08.24.18

Pavement Cut? Yes No Directional Bore/Boring? Yes No Excavation? Yes No
 Lane Closure? Yes No Other: _____

Applicant's Printed Name: Marwan Muwaqet Signature: _____ Position with Company: _____
 Applicant's Email: marwan@advancedtransol.com Company Name & Phone Number: Advanced Transol Consultants, LLC / (469) 432-4975

FOR ADDISON USE ONLY

Received By: Nicole S Entered? Yes Received Date: 5.20.18
 Approved By: Dave Wilde Inspector: DW/S Issue Date: 4/4/18

Plans Submitted? Yes No N/A Traffic Control Plan submitted? Yes No N/A Expiration Date: 4/5/18

Insurance Provided? Yes No On File Performance/Maintenance Bond? Yes No On File N/A

<input type="checkbox"/> WA	<input type="checkbox"/> SW	.....	Number Of Connections	Size	@ \$	Each = \$
<input type="checkbox"/> WA	<input type="checkbox"/> SW	.....	Number Of Connections	Size	@ \$	Each = \$
<input type="checkbox"/> WA	<input type="checkbox"/> SW	.....	Number Of Connections	Size	@ \$	Each = \$
<input type="checkbox"/> WA	<input type="checkbox"/> SW	.....	Number Of Connections	Size	@ \$	Each = \$
<input type="checkbox"/> Other (Description)						= \$
PERMIT FEE TOTAL = \$						<u>NA</u>

Receipt #: JOA Processed By: _____
 Picked Up By: _____ Company: _____ Date & Time: _____

TOWN OF ADDISON INFRASTRUCTURE AND DEVELOPMENT SERVICES DEPARTMENT
 ATTN.: RIGHT OF WAY PERMIT - DAVE WILDE 972-450-2847
 16801 WESTGROVE RD. ADDISON, TX 75001-9010
 PHONE: 972-450-2871 FAX: 972-450-2837



FOR ADDISON USE ONLY
 Permit Number: W-1431
 Location: Airport, Claire Champagne

APPLICATION
Right of Way Work Permit -GENERAL

(General Non-Franchise, Private Development, Work for the Town and Miscellaneous Work)

Sub-Contractor List

PLEASE PRINT LEGIBLY

General Contractor's Name: Advanced Transol General Contractor's Phone #: _____

Sub-Contractor #1 Company Name: Advanced TranSol Consultants, LLC
 Print Sub-Contractor's Name: ATC Innovation Dedication Excellence Assurance
 Sub-Contractor's E-mail: _____ Texas Registered HUB/DBE
 Print Site Supervisor's Name: Marwan F. Muwaquet, PE
 Site Supervisor's E-mail: _____ President
 Insurance Provided? Yes No On File
 (469) 432-4975 11551 Forest Central Dr.
 marwan@advancedtransol.com Suite 220
 www.advancedtransol.com Dallas, TX 75243

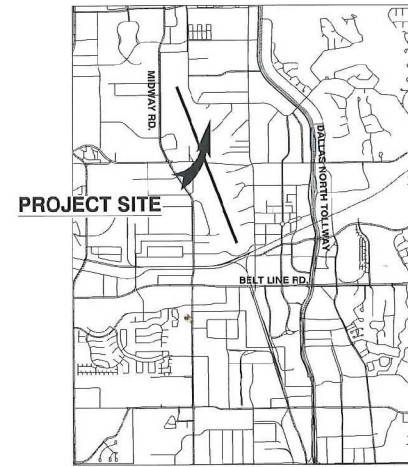
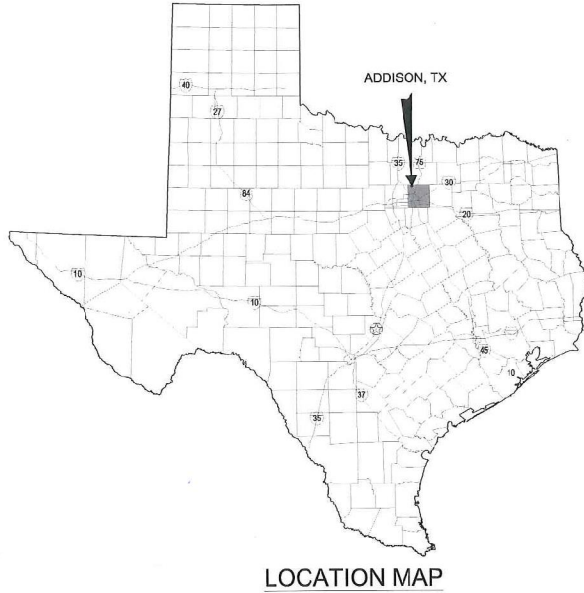
Sub-Contractor #2 Company Name: _____ Address: _____
 Print Sub-Contractor's Name: Marco Gonzalez Sub-Contractor Phone #: (837) 721-3342
 Sub-Contractor's E-mail: _____
 Print Supervisor's Name: _____ Supervisor's Phone #: _____
 Site Supervisor's E-mail: _____
 Insurance Provided? Yes No On File

Sub-Contractor #3 Company Name: _____ Address: _____
 Print Sub-Contractor's Name: _____ Sub-Contractor Phone #: _____
 Sub-Contractor's E-mail: _____
 Print Supervisor's Name: _____ Supervisor's Phone #: _____
 Site Supervisor's E-mail: _____
 Insurance Provided? Yes No On File

WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

ADDISON AIRPORT

ADDISON, TEXAS



TOWN OF ADDISON BID NO. 18-22
 GARVER PROJECT NO. 17081100
 DECEMBER 2017



3010 Gaylord Parkway
 Suite 190
 Ft. Worth, TX 76104
 (972) 377-7480

EARTHWORK QUANTITIES		
WORK	CUT (C.Y.)	FILL (C.Y.)
WING AVIATION APRON CONNECTOR CONSTRUCTION	142	76
DITCH GRADING	176	200

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REGISTRATION NO.
 F-5713



DIGITALLY SIGNED
 1/17/2018

REV.	DATE	DESCRIPTION	BY
1	1/17/18	ADDENDUM NO. 1	CVB

ADDISON AIRPORT
 ADDISON, TEXAS
 WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

COVER SHEET

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

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DRAWING NUMBER
G-101

SHEET NUMBER
1

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Sheet Index

Table with columns: Sheet Number, Drawing Number, Sheet Title. Rows include GENERAL, WING AVIATION APRON, and CLAIRE CHENNAULT STREET sections.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS BEFORE WORK IS STARTED TO VERIFY UTILITY LOCATIONS (DIGTESS 1-800-344-8377).
2. THE CONTRACTOR SHALL NOTIFY ADDISON AIRPORT OPERATIONS 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITY TO ALLOW SUFFICIENT TIME FOR COORDINATION OF NOTAMS AND TO LOCATE AND MARK EXISTING FIELD CABLES AND TO AVOID UNSCHEDULED FACILITY OUTAGES.
3. THE CONTRACTOR SHALL COMPLETE ALL WORK IN ACCORDANCE WITH THE FAA ADVISORY CIRCULAR 150/5370-2F, OR CURRENT VERSION, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
4. THE CONTRACTOR'S STAGING AREA FOR OFFICE, STOCKPILE, EQUIPMENT, ENGINEER'S OFFICE, MATERIALS STORAGE AND EMPLOYEE PARKING SHALL BE NO CLOSER THAN 25 FEET FROM ANY FENCE LINE.
5. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING ACCESS AND HAUL ROADS OUTSIDE THE LIMITS OF CONSTRUCTION DURING CONSTRUCTION AND SHALL RESTORE THE ROADS TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING AND MAINTAINING TEMPORARY ACCESS AND/OR HAUL ROADS WHERE NECESSARY TO THE CONSTRUCTION LIMITS.
7. DURING MATERIAL DELIVERY / PAVING OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL.
8. ALL EMPLOYEES OF THE CONTRACTOR SHALL ENTER AND EXIT THE WORK SITE AT THE DESIGNATED CONTRACTOR'S ACCESS GATE (AG).
9. PRIVATE AND COMPANY VEHICLES OPERATING WITHIN THE AIRCRAFT OPERATION AREA (AOA) MUST HAVE A COMPANY LOGO / IDENTIFICATION ON BOTH SIDES OF THE VEHICLE.

- 10. THE CONTRACTOR'S ACCESS TO THE AIRFIELD IS LIMITED TO THE LOCATIONS AS SHOWN ON THE PLANS. ACCESS FROM THE GATE TO THE STAGING, STORAGE AND WORK AREAS SHALL BE CONFINED TO THE ROUTES SHOWN AND WITHIN THE WORK AREA LIMITS.
11. ANY TEMPORARY FACILITIES SHALL BE COMPLETELY REMOVED FROM THE SITE AT THE COMPLETION OF THE PROJECT AND THE SITE RESTORED TO ITS ORIGINAL CONDITION.
12. CONSTRUCTION LIMITS - ALL CONTRACTOR VEHICLES AND TRAFFIC (UNLESS OTHERWISE AUTHORIZED) SHALL REMAIN WITHIN THE DESIGNATED CONSTRUCTION LIMITS OR HAUL ROUTES.
13. FUEL, DIESEL FUEL, OR OTHER CONTAMINANTS SHALL NOT BE ALLOWED TO ENTER THE STORM SEWER SYSTEM.
14. CAUTION SHALL BE TAKEN BY THE CONTRACTOR IN PREVENTING ANY DUST OR MUD WHICH MAY BECOME A HAZARD TO AIR AND GROUND OPERATIONS.
15. CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO OBTAIN DRIVER'S TRAINING FOR CONTRACTOR EMPLOYEES PRIOR TO ENTERING THE AIR OPERATIONS AREA.
16. MATERIAL / TOPSOIL STOCKPILES SHALL BE AT LOCATIONS APPROVED BY THE AIRPORT.
17. THE CONTRACTOR WILL ISSUE AIRPORT APPROVED LAMINATED SAFETY CARDS SHOWING THE ACCESS GATE LOCATION, CONSTRUCTION AREA, ACCESS / HAUL ROUTE, CLOSED PAVEMENTS AND RUNWAY SAFETY AREAS AND/OR ANY OTHER PERTINENT INFORMATION.
18. ALL EMPLOYEES OF THE CONTRACTOR OR SUBCONTRACTORS SHALL RECEIVE VEHICLE OPERATOR/PEDESTRIAN TRAINING FROM THE PROJECT SUPERINTENDENT.
19. IF FOR ANY REASON, THE AIRPORT OR ENGINEER FEELS THAT SAFETY IS NOT BEING ADEQUATELY MAINTAINED, THEY MAY SUSPEND WORK UNTIL THE SAFETY ISSUE IS RESOLVED.
20. IN THE EVENT THAT UNANTICIPATED ARCHEOLOGICAL DEPOSITS ARE ENCOUNTERED DURING CONSTRUCTION, WORK IN THE IMMEDIATE AREA WILL CEASE AND THE TXDOT ENGINEER WILL BE NOTIFIED.
21. IN THE EVENT THAT UNANTICIPATED HAZARDOUS MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, WORK IN THE IMMEDIATE AREA WILL CEASE AND THE TXDOT PROJECT MANAGER WILL BE NOTIFIED.
22. STOCKPILES AND STAGING AREAS WILL NOT BE PLACED WITHIN ANY WATER OF THE UNITED STATES, INCLUDING WETLANDS.
23. HAZARDOUS WASTE: ALL SPILLS MUST BE REPORTED IMMEDIATELY TO THE TXDOT ENGINEER.

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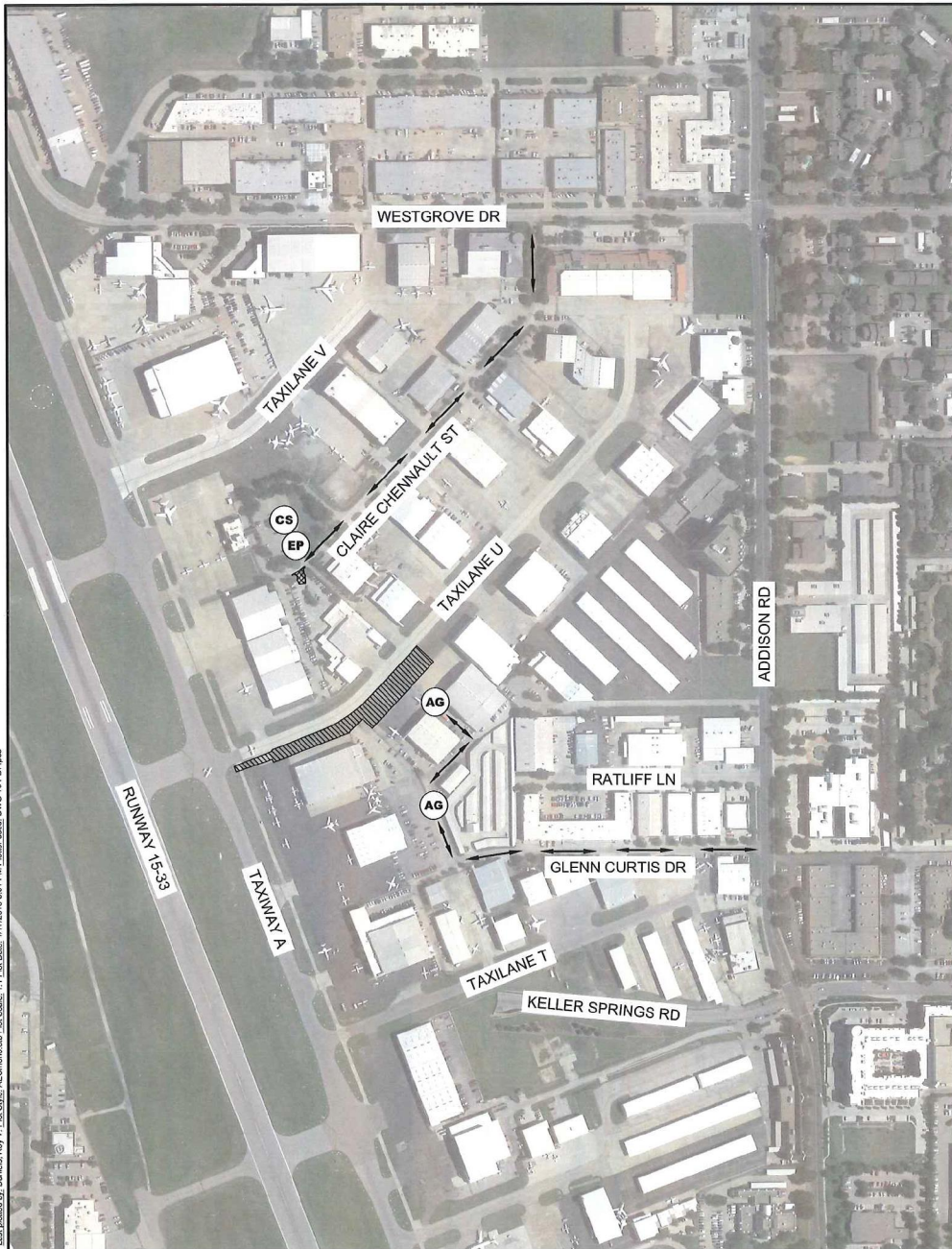
GARVER logo and registration information: REGISTRATION NO. F-5713

DIGITALLY SIGNED 12/26/2017 with a circular seal for COLIN M. BIBLE, 107159, State of Texas Professional Engineer

ADDISON AIRPORT logo and project description: WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

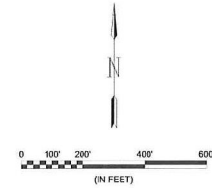
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LEGEND

	WING AVIATION APRON CONNECTOR CONSTRUCTION (BASE BID 1)
	CLAIRE CHENNAULT DRIVE RECONSTRUCTION (BASE BID 2)
	ACCESS GATE
	CONTRACTOR STAGING AREA
	EMPLOYEE PARKING
	HAUL ROUTES



ITEMS OF WORK

BIDDING	DESCRIPTION
BASE BID 1 - WING AVIATION APRON CONNECTOR CONSTRUCTION	1. INSTALL BARRICADES. 2. CONSTRUCTION OF WING AVIATION APRON ENTRANCE. 3. COMPLETE ALL GRADING ACCORDING TO LAYOUT PLANS.
BASE BID 2 - CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION	1. INSTALL BARRICADES. 2. FULL DEPTH RECONSTRUCTION OF CLAIRE CHENNAULT DRIVE AS SHOWN WITHIN LAYOUT PLAN.

TOTAL CONTRACT TIME

	CALENDAR DAYS	WORK AVAILABILITY
WING AVIATION APRON ENTRANCE (BASE BID 1)		ANYTIME
CLAIRE CHENNAULT DRIVE (BASE BID 2)		ANYTIME



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 REGISTERED PROFESSIONAL ENGINEER
 REGISTRATION NO. F-5713



DIGITALLY SIGNED
 1/17/2018

REV.	DATE	DESCRIPTION	BY
1	1/17/18	ADDENDUM NO. 1	CMB



ADDISON AIRPORT
 ADDISON, TEXAS
 WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

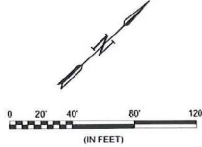
GENERAL PROJECT LAYOUT

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

1/8" = 1' (SEE NOTE ON ORIGINAL DRAWING)
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

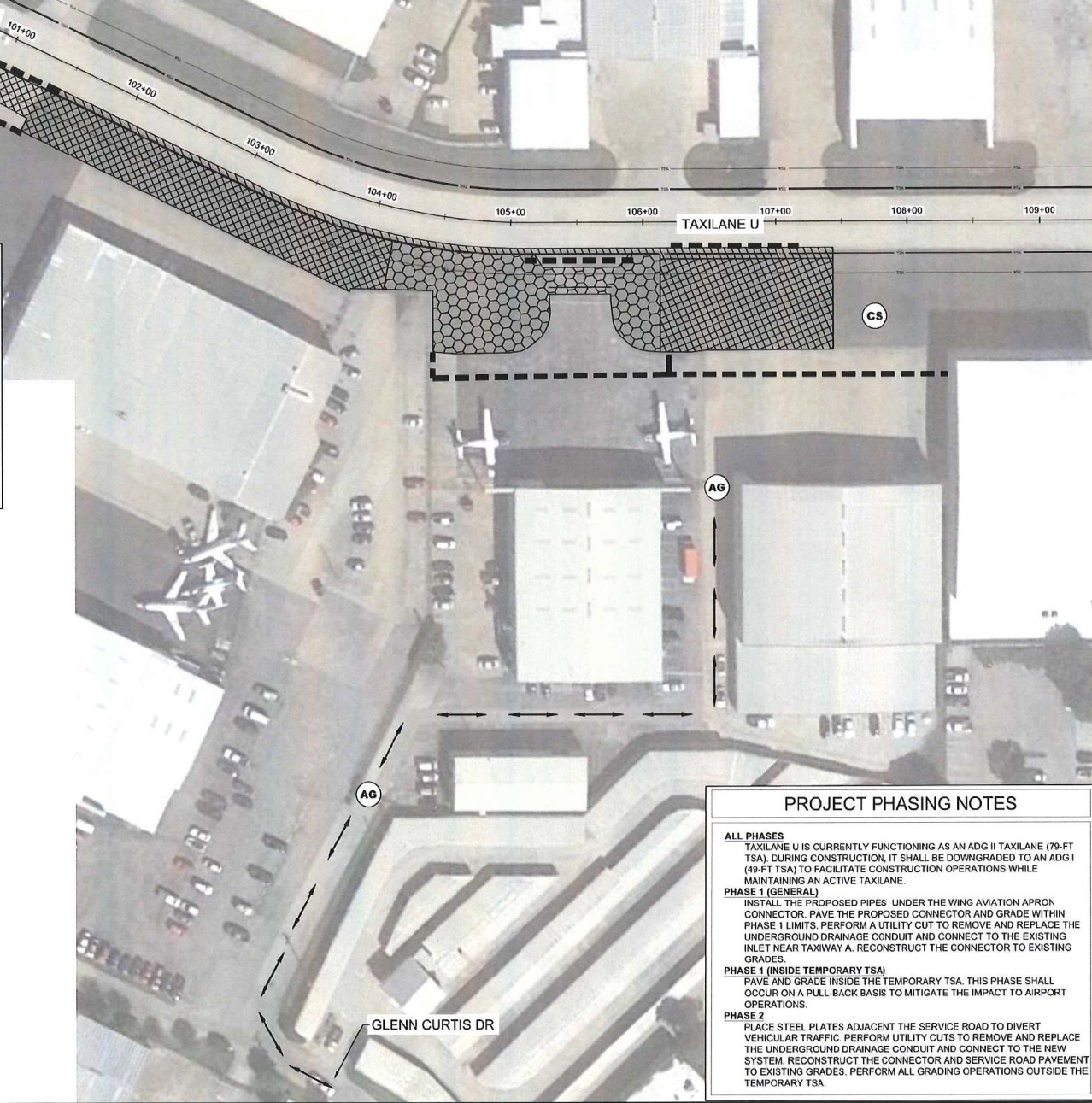
DRAWING NUMBER
G-201

SHEET NUMBER
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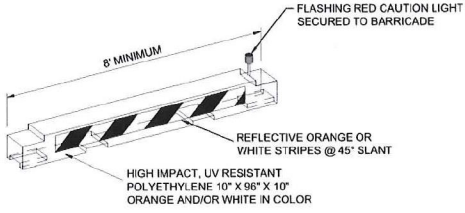
PLACE STEEL PLATES TO DIVERT TRAFFIC DURING WORK ON THE SERVICE ROAD. PAYMENT SHALL BE SUBSIDIARY TO SITE PREPARATION.

EXISTING SERVICE ROAD



LEGEND

	PHASE 1 (53 DAYS)		LOW PROFILE AIRCRAFT BARRICADES
	PHASE 1 (INSIDE TEMPORARY TSA)		HAUL ROUTES
	PHASE 2 (5 DAYS)		TSA - TAXILANE SAFETY AREA (ADG II)
	ACCESS GATE		TSA - TEMPORARY TAXILANE SAFETY AREA (ADG I)
	CONTRACTOR STAGING AREA		



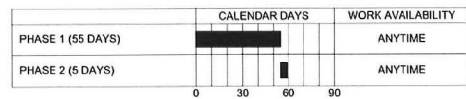
LOW PROFILE AIRCRAFT BARRICADE (MOVEMENT AREAS)

1 G-202 SCALE: NONE

NOTES:

- BARRICADES SHALL BE PLACED DURING WORK ACTIVITIES.
- UPON COMPLETION OF WORK, AREA SHALL BE CLEANED AND FREE OF FOD.
- BARRICADES SHALL MEET THE REQUIREMENTS OF THE CURRENT FAA ADVISORY CIRCULAR 150/5370-2 AND BE APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL WEIGHT BARRICADE TO PREVENT DISPLACEMENT. THE METHOD SHALL BE APPROVED BY THE ENGINEER.
- BARRICADES SHALL BE LOCATED AS DEFINED IN THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP).

CONTRACT TIME



PROJECT PHASING NOTES

ALL PHASES
TAXILANE U IS CURRENTLY FUNCTIONING AS AN ADG II TAXILANE (79-FT TSA). DURING CONSTRUCTION, IT SHALL BE DOWNGRADED TO AN ADG I (49-FT TSA) TO FACILITATE CONSTRUCTION OPERATIONS WHILE MAINTAINING AN ACTIVE TAXILANE.

PHASE 1 (GENERAL)
INSTALL THE PROPOSED PIPES UNDER THE WING AVIATION APRON CONNECTOR. PAVE THE PROPOSED CONNECTOR AND GRADE WITHIN PHASE 1 LIMITS. PERFORM A UTILITY CUT TO REMOVE AND REPLACE THE UNDERGROUND DRAINAGE CONDUIT AND CONNECT TO THE EXISTING INLET NEAR TAXIWAY A. RECONSTRUCT THE CONNECTOR TO EXISTING GRADES.

PHASE 1 (INSIDE TEMPORARY TSA)
PAVE AND GRADE INSIDE THE TEMPORARY TSA. THIS PHASE SHALL OCCUR ON A PULL-BACK BASIS TO MITIGATE THE IMPACT TO AIRPORT OPERATIONS.

PHASE 2
PLACE STEEL PLATES ADJACENT THE SERVICE ROAD TO DIVERT VEHICULAR TRAFFIC. PERFORM UTILITY CUTS TO REMOVE AND REPLACE THE UNDERGROUND DRAINAGE CONDUIT AND CONNECT TO THE NEW SYSTEM. RECONSTRUCT THE CONNECTOR AND SERVICE ROAD PAVEMENT TO EXISTING GRADES. PERFORM ALL GRADING OPERATIONS OUTSIDE THE TEMPORARY TSA.

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REGISTRATION NO. F-5713



DIGITALLY SIGNED 12/26/2017

REV.	DATE	DESCRIPTION	BY



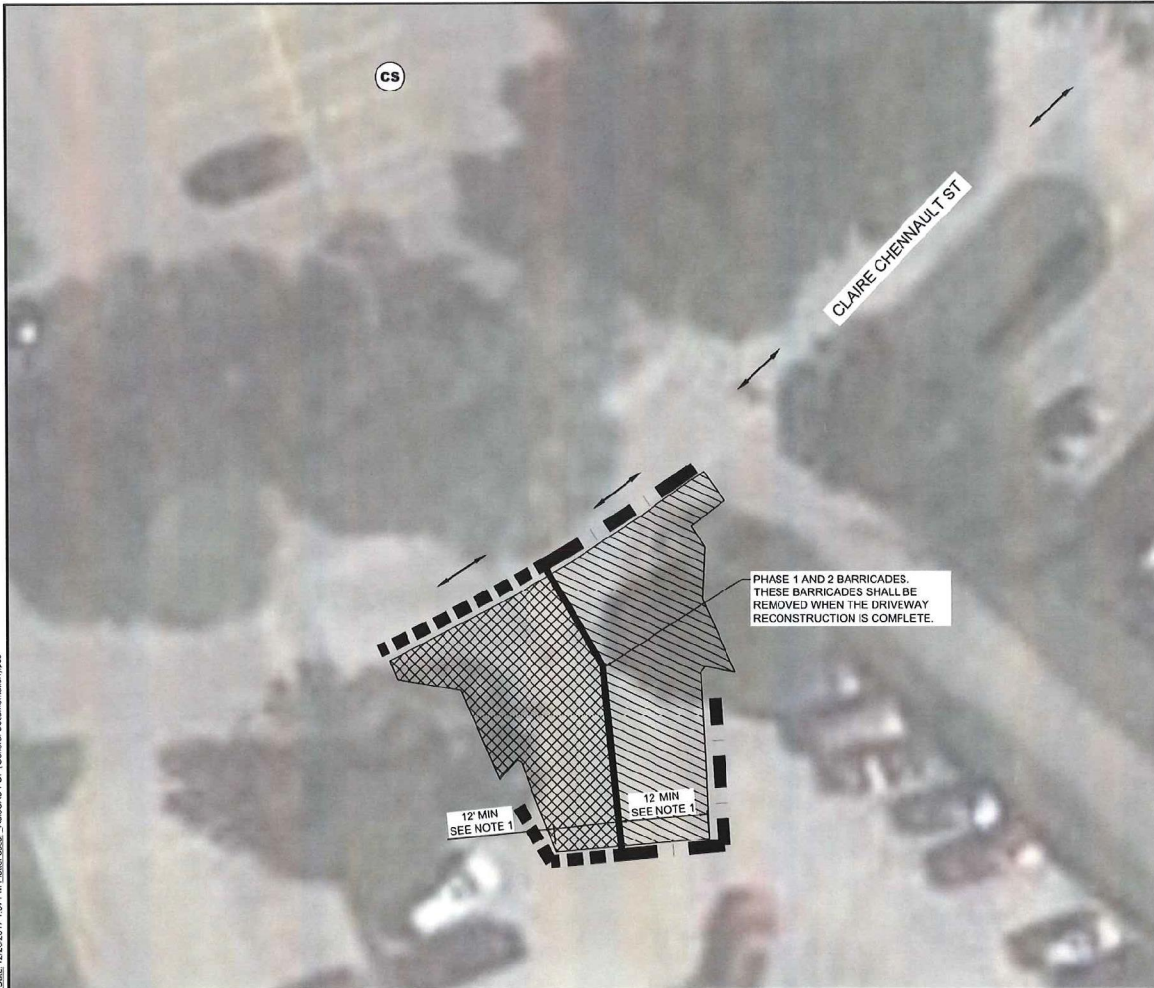
ADDISON AIRPORT
ADDISON, TEXAS
WING AVIATION APRON CONNECTOR AND CLAUPE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

SAFETY & PHASING PLAN - WING AVIATION ENTRANCE (BASE BID 1)

JOB NO.: 17081100
DATE: NOV 2017
DESIGNED BY: JAH
DRAWN BY: JAH

DRAWING NUMBER **G-202**

SHEET NUMBER **4**



CONTRACT TIME

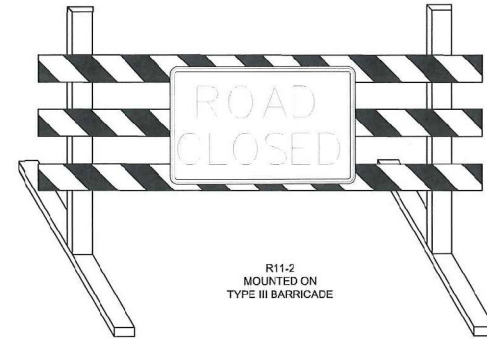
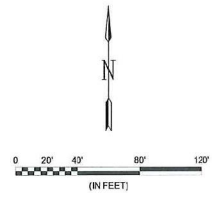
	CALENDAR DAYS	WORK AVAILABILITY
PHASE 1 (30 DAYS)		ANYTIME
PHASE 2 (30 DAYS)		ANYTIME

PROJECT PHASING NOTES

1. INSTALL BARRICADES SHOWN IN THE PLANS.
2. SWEEP EXISTING PAVEMENT AND PERFORM SURFACE PREPARATION.
3. CONSTRUCT FULL DEPTH RECONSTRUCTION OF DRIVE PAVEMENT.
4. DRAINAGE AND UNDERGROUND UTILITIES WORK SHALL BE PERFORMED WITHIN THEIR INDIVIDUAL PHASES.

LEGEND

- PHASE 1 (30 DAYS)
- PHASE 2 (30 DAYS)
- BARRICADES (PHASE 1)
- BARRICADES (PHASE 2)
- HAUL ROUTES
- CONTRACTOR STAGING AREA



TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL ENSURE THAT A MINIMUM OF 12' OF USABLE PAVEMENT IS OPEN TO TRAFFIC ON THE DRIVEWAY AT ALL TIME.
2. THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF ALL NECESSARY BARRICADES AS REQUIRED BY THE TOWN OF ADDISON. CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE 2011 TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), TEXAS DEPARTMENT OF TRANSPORTATION. SIGNING AND BARRICADING SHALL BE SUBJECT TO INSPECTION BY THE TOWN.
3. NO STOP OR YIELD SIGN IS TO BE RELOCATED OR REMOVED WITHOUT PRIOR APPROVAL BY THE TOWN. THE CONTRACTOR MUST CALL TOWN OF ADDISON TRANSPORTATION DIVISION AND OBTAIN PERMISSION FOR ANY CHANGES IN THESE SIGNS.
4. ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT MUST BE MAINTAINED FOR EMERGENCY AND LOCAL TRAFFIC AT ALL TIMES, EXCEPT AS OTHERWISE ALLOWED BY THESE PLANS OR BY THE TOWN ENGINEER. CONTRACTOR SHALL SEQUENCE CONSTRUCTION OPERATIONS SUCH THAT ACCESS TO RESIDENTIAL STREETS OUTSIDE THE PROJECT LIMITS ARE OPEN AT ALL TIMES.
5. ALL PERMANENT LANE MARKINGS ARE TO BE INSTALLED PER THE TOWN OF ADDISON STANDARD DETAILS AND PER THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
6. ALL EXISTING CONFLICTING SIGNS SHALL BE COVERED.



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REGISTRATION NO. F-5713



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REV.	DATE	DESCRIPTION	BY



ADDISON AIRPORT
ADDISON, TEXAS
WING AVIATION APRON CONNECTOR
AND CLAIRE CHENNAULT STREET
DRIVEWAY RECONSTRUCTION

SAFETY & PHASING PLAN
- CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION (BASE BID 2)

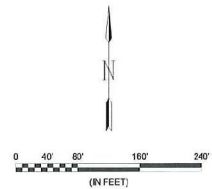
JOB NO.: 17081100
DATE: NOV 2017
DESIGNED BY: JAH
DRAWN BY: JAH

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ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
G-203

SHEET NUMBER
5

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LEGEND

SURVEY CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
A	7040415.68	2479070.07	639.33	BM/SET SQUARE CUT
B	7041202.84	2479062.54	637.87	IRSC/5/8IN PLASTIC YELLOW
C	7041196.28	2479233.52	638.38	IRSC/5/8IN PLASTIC YELLOW
D	7041215.45	2479331.60	639.68	IRSC/5/8IN PLASTIC YELLOW
E	7041248.78	2479436.39	640.44	IRSC/5/8IN PLASTIC YELLOW
F	7041397.75	2479489.07	639.15	IRSC/5/8IN PLASTIC YELLOW
G	7041509.86	2479595.06	639.83	IRSC/5/8IN PLASTIC YELLOW
H	7041684.78	2479727.09	640.45	IRSC/5/8IN PLASTIC YELLOW
I	7041721.00	2479788.31	641.36	IRSC/5/8IN PLASTIC YELLOW
J	7041789.10	2479917.95	641.80	IRSC/5/8IN PLASTIC YELLOW
K	7041894.98	2480022.25	642.66	IRSC/5/8IN PLASTIC YELLOW

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REGISTRATION NO.
F-5713

DIGITALLY SIGNED
12/26/2017

REV.	DATE	DESCRIPTION	BY

ADDISON AIRPORT
 ADDISON, TEXAS

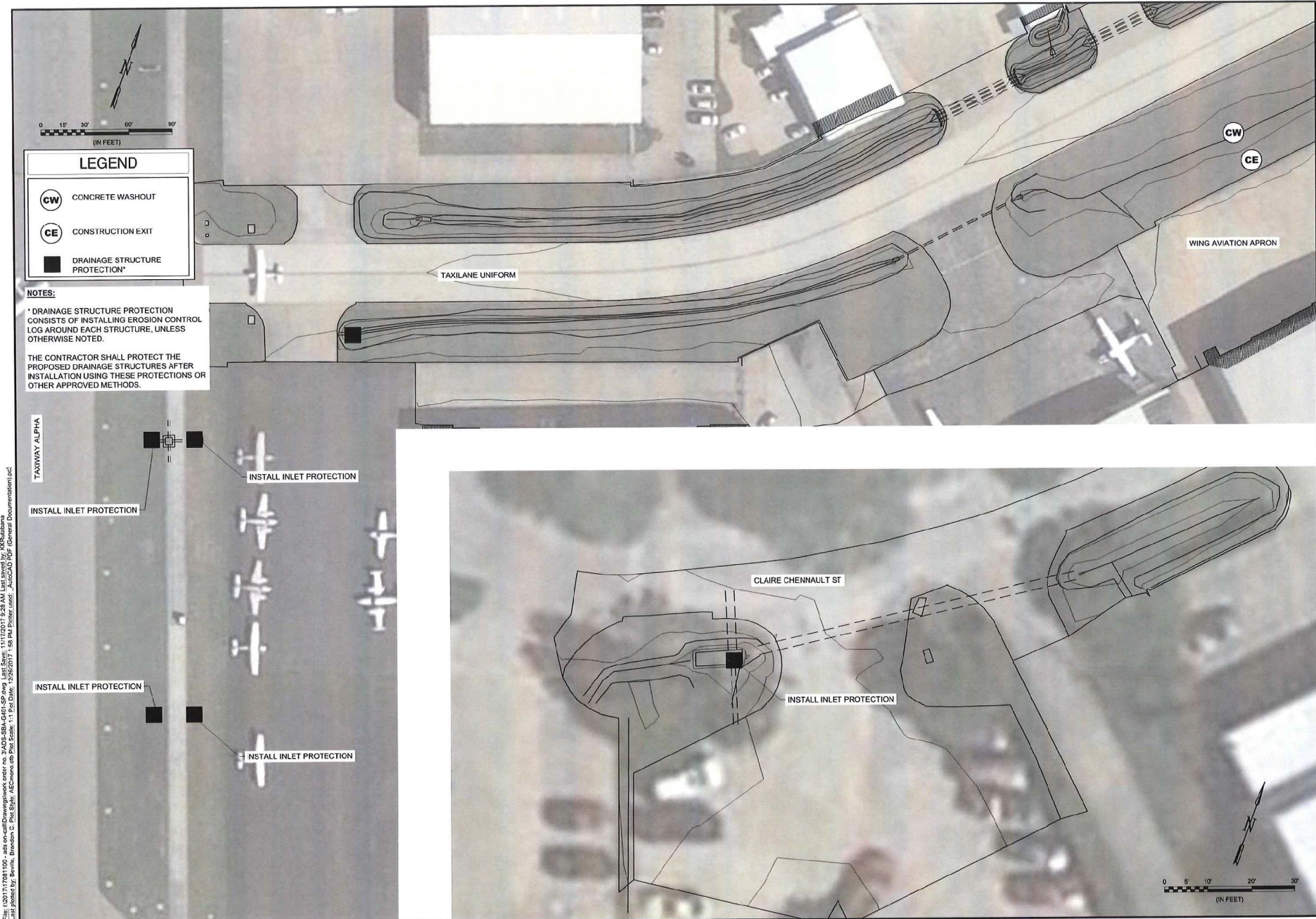
WING AVIATION APRON CONNECTOR
 AND CLAIRE CHENNAULT STREET
 DRIVEWAY RECONSTRUCTION

SURVEY CONTROL
 PLAN

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

DRAWING NUMBER
G-301

SHEET
 NUMBER **6**



LEGEND

- CONCRETE WASHOUT
- CONSTRUCTION EXIT
- DRAINAGE STRUCTURE PROTECTION*

NOTES:

* DRAINAGE STRUCTURE PROTECTION CONSISTS OF INSTALLING EROSION CONTROL LOGS AROUND EACH STRUCTURE, UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL PROTECT THE PROPOSED DRAINAGE STRUCTURES AFTER INSTALLATION USING THESE PROTECTIONS OR OTHER APPROVED METHODS.

TAXIWAY ALPHA

INSTALL INLET PROTECTION

INSTALL INLET PROTECTION

INSTALL INLET PROTECTION

INSTALL INLET PROTECTION

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REGISTRATION NO. F-5713

DIGITALLY SIGNED
12/26/2017

REV.	DATE	DESCRIPTION	BY

ADDISON AIRPORT
 ADDISON, TEXAS

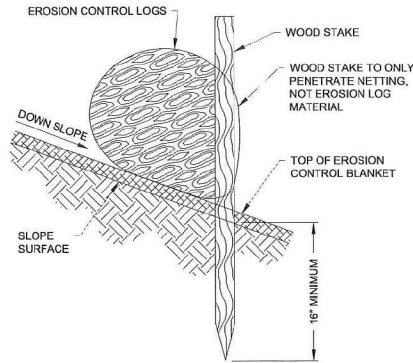
WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

EROSION CONTROL PLAN

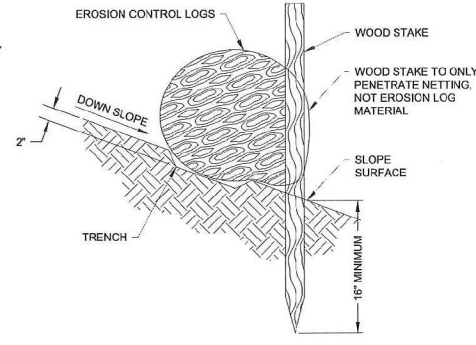
JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

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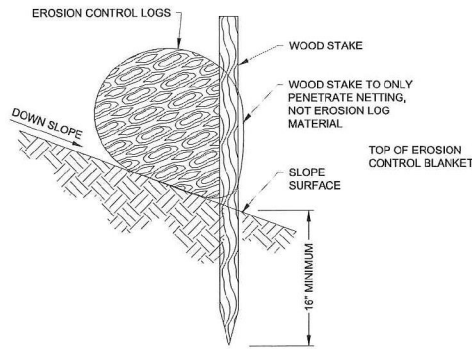
DRAWING NUMBER
G-401
 SHEET NUMBER
7



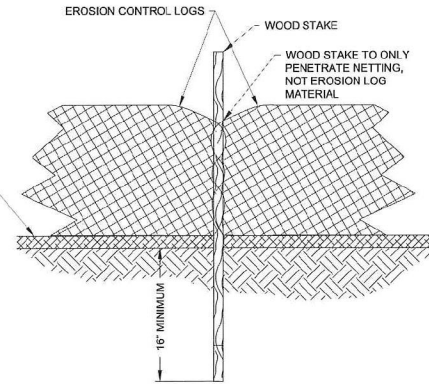
G-403 1A INSTALLATION WITH BLANKET SCALE: NONE



G-403 1B INSTALLATION WITH TRENCH SCALE: NONE



G-403 1C INSTALLATION ON BARE SOIL SCALE: NONE



G-403 1D INSTALLATION DETAILS (FRONT VIEW) SCALE: NONE

G-403 1 TEMPORARY EROSION CONTROL LOG SCALE: NONE

NOTE:
 TRENCH OPTION IS MOST APPLICABLE IN LOOSE, UNCONSOLIDATED SOILS.
 1-1/8" X 1-1/8" X 30" WOODEN STAKES ARE RECOMMENDED FOR 6", 9", AND 12" SEDIMENT LOGS.
 1-1/8" X 1-1/8" X 48" WOODEN STAKES ARE RECOMMENDED FOR 20" SEDIMENT LOGS.

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REGISTRATION NO. F-5713



DIGITALLY SIGNED 12/28/2017

REV.	DATE	DESCRIPTION	BY

ADDISON AIRPORT
 ADDISON, TEXAS
 WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

EROSION CONTROL DETAILS II

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

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DRAWING NUMBER
G-403
 SHEET NUMBER
9

Site Description

PROJECT LIMITS: Addison Airport, Addison, TX

PROJECT DESCRIPTION: Improvements of the Northwest drainage ditch condition.

MAJOR SOIL DISTURBING ACTIVITIES: Installation of slope protection around existing drainage ditch as well as construction of a new drainage ditch section.

TOTAL PROJECT AREA: 1.91 ACRES

TOTAL AREA TO BE DISTURBED: 1.91 ACRES

WEIGHTED RUNOFF COEFFICIENT (AFTER CONSTRUCTION): 0.9

EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER: The existing cover is clayey with Bermuda grass and is in fair condition. Existing vegetative cover is at 85%

NAME OF RECEIVING WATERS: The Addison airport is in the Hutton Branch watershed and the receiving water is Elm Fork Trinity River.

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
X PERMANENT PLANTING, SODDING, OR SEEDING
MULCHING
SOIL RETENTION BLANKET
BUFFER ZONES
PRESERVATION OF NATURAL RESOURCES

OTHER:

STRUCTURAL PRACTICES:

- SILT FENCES
HAY BALES
X ROCK BERMS
DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
DIVERSION DIKE AND SWALE COMBINATIONS
PIPE SLOPE DRAINS
PAVED FLUMES
X ROCK BEDDING AT CONSTRUCTION EXIT
TIMBER MATTING AT CONSTRUCTION EXIT
CHANNEL LINERS
SEDIMENT TRAPS
SEDIMENT BASINS
STORM INLET SEDIMENT TRAP
STONE OUTLET STRUCTURES
CURBS AND GUTTERS
STORM SEWERS
VELOCITY CONTROL DEVICES

OTHER: CONCRETE WASHOUT

NARRATIVE - SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:

Erosion and sediment controls shall be installed at the beginning of the project. Once installed, these devices will be maintained during the duration of the project. Erosion and sediment controls will be removed at the project's completion.

STORM WATER MANAGEMENT: Existing storm sewers and drainage ditches will be used to remove water from the site. Storm water from the site will flow through rock filter dams to filter sediment from storm water runoff before it leaves the site.

OTHER EROSION AND SEDIMENT CONTROLS

MAINTENANCE:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN 7 CALENDAR DAYS AFTER THE SURROUNDING EXPOSED GROUND HAS DRIED SUFFICIENTLY TO PREVENT DAMAGE FROM HEAVY EQUIPMENT. THE AREAS ADJACENT TO CREEKS AND DRAINAGE WAYS SHALL HAVE PRIORITY FOLLOWED BY DEV CES USED FOR SILT REDUCTION IN THE DISTURBED AREAS.

INSPECTION:

AN INSPECTION WILL BE PERFORMED BY A RESIDENT PROJECT REPRESENTATIVE EVERY 7 DAYS AN INSPECTION REPORT WILL BE MADE PER EACH INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORT.

WASTE MATERIALS:

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL STATE AND LOCAL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION AT AN APPROVED LANDFILL. NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE.

HAZARDOUS WASTE (INCLUDING SPILL REPORTING):

AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES ARE CONSIDERED TO BE HAZARDOUS: PAINTS ACIDS FOR CLEANING MASONRY SURFACES, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SOIL STABILIZATION, AND CONCRETE CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE SPILL COORDINATOR SHOULD BE CONTACTED IMMEDIATELY.

SANITARY WASTE:

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION.

OFFSITE VEHICLE TRACKING:

- X HAIL ROADS DAMPENED FOR DUST CONTROL
X LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
X EXCESS DIRT ON ROAD REMOVED DAILY
X STABILIZED CONSTRUCTION ENTRANCE

OTHER:
REMARKS:

DISPOSAL AREAS, STOCKPILES, AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLANDS, WATERBODY OR STREAMBED. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS. ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICAL OF TEMPORARY EMBANKMENT, TEMPORARY BRIDGES, MATTING, FALSE WORK, PILING, DEBRIS OR OTHER OBSTRUCTIONS FACED DURING CONSTRUCTION OPERATION THAT ARE NOT A PART OF THE FINISHED WORK.



REGISTRATION NO. F-5713



DIGITALLY SIGNED 12/26/2017

Table with columns: REV, DATE, DESCRIPTION, BY



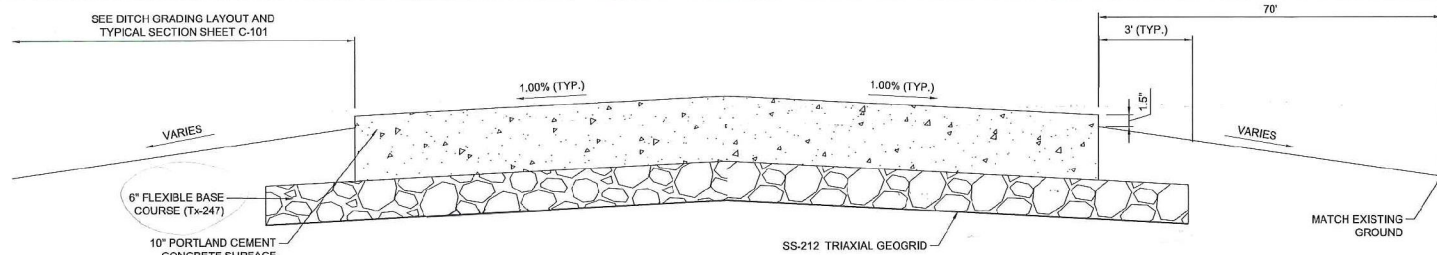
EROSION CONTROL NOTES

JOB NO.: 17081100
DATE: NOV 2017
DESIGNED BY: JAH
DRAWN BY: JAH

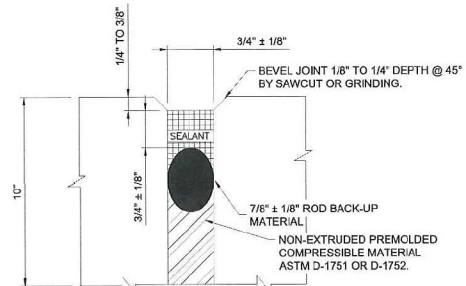
FOR FIELD USE ONLY
IF NOT USE INCH ON THE SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER G-404
SHEET NUMBER 10

12/27/2017 9:34 AM



A WING AVIATION APRON CONNECTOR TYPICAL SECTION
 SCALE: NONE
 *SEE PAVING LAYOUT SHEET



1 DETAIL 1-ISOLATION JOINTS
 SCALE: NONE

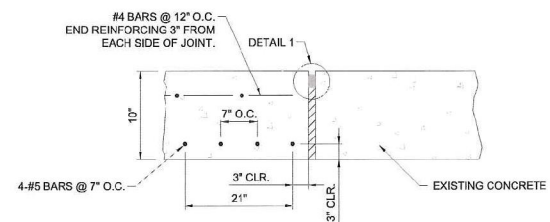
UTILITY CUTS SHALL BE REPAIRED USING THE SAME PAVEMENT SECTION AS THE WING AVIATION APRON CONNECTOR.

B UTILITY CUT REPAIR
 SCALE: NONE

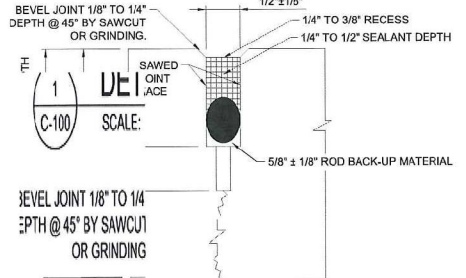
SYMBOLS

- SEALANT
- ROD BACK-UP MATERIAL
- CLOSED-CELL RESILIENT FOAM OR SPONGE RUBBER
- RESILIENT FILLER

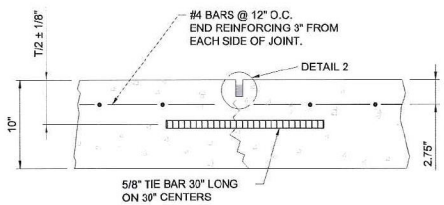
DOWEL BAR LEGEND	
	10" SLAB THICKNESS
	DIAMETER = 3/4"
	LENGTH = 18"
	SPACING = 12" O.C.



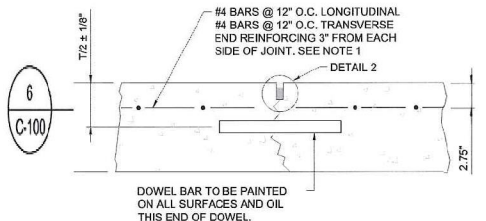
6 TYPE A-1-REINFORCED ISOLATION JOINT
 SCALE: NONE



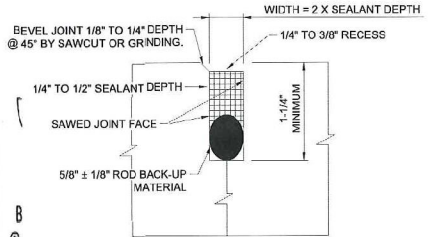
2-CONSTRUCTION JOINTS
 SCALE: NONE



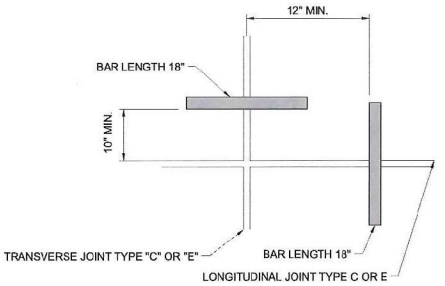
4 TYPE B-HINGED CONTRACTION JOINT
 SCALE: NONE



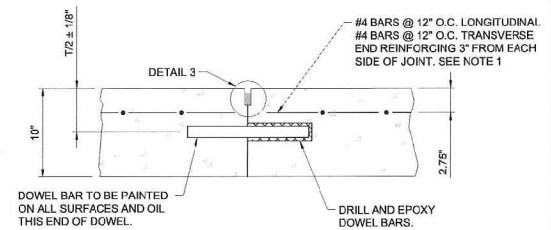
6 TYPE C-DOWELED CONTRACTION JOINT
 SCALE: NONE



3 DETAIL 3-CONSTRUCTION JOINTS
 SCALE: NONE



5 DOWEL BARS AT SLAB CORNERS (PLAN VIEW)
 SCALE: NONE



8 TYPE E-DOWELED CONSTRUCTION JOINT
 SCALE: NONE

r no. 3VADS-SBA-C100-TS.dwg, no. 3VADS-SBA-C100-TS.dwg, Last Save: 11/17/2017 9:38 AM, Last saved by: KPRababa
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p. 2/0

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REGISTRATION NO.
F-5713

STATE OF TEXAS
 COLIN M. BIBLE
 107159
 REGISTERED PROFESSIONAL ENGINEER

DIGITALLY SIGNED
12/26/2017

REV.	DATE	DESCRIPTION

ADDISON AIRPORT

ADDISON, TEXAS

WING AVIATION APRON CONNECTOR AND CLARE CHENAILL STREET DRIVEWAY RECONSTRUCTION

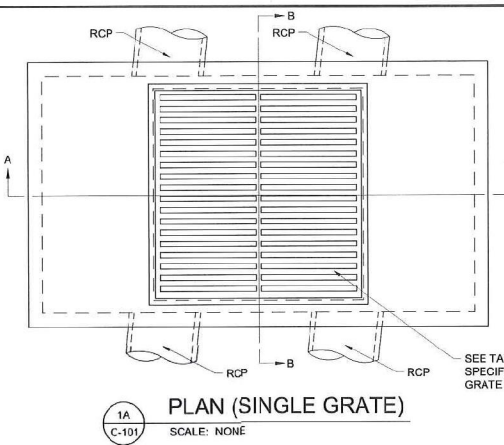
WING AVIATION APRON CONNECTOR - DETAILS (BASE BID 1)

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

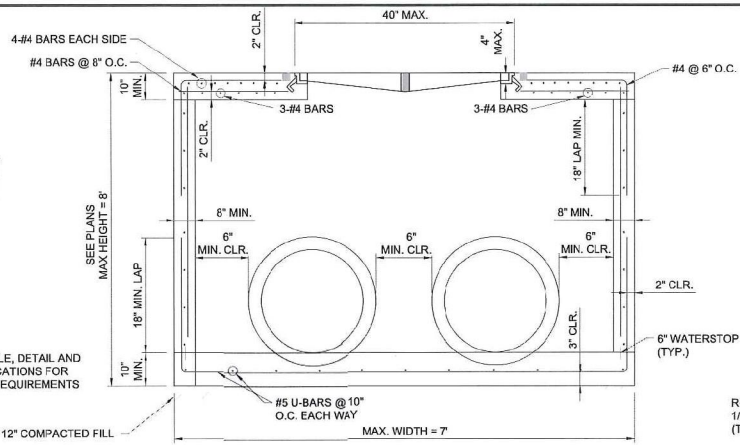
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C-100

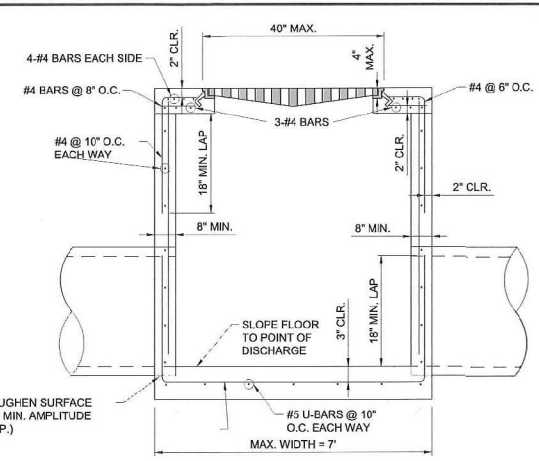
SHEET NUMBER **11**



1A PLAN (SINGLE GRATE)
SCALE: NONE



1B SECTION "A-A"
SCALE: NONE

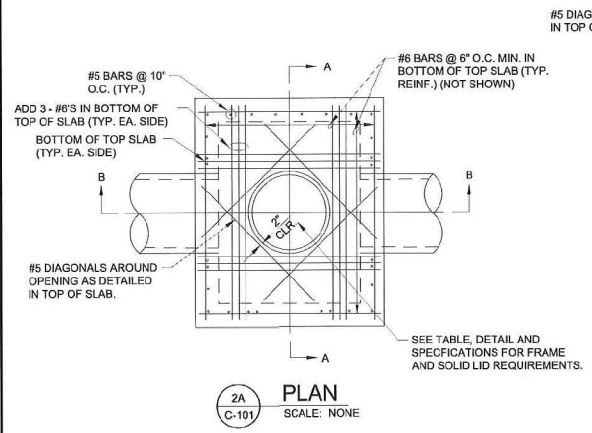


1C SECTION "B-B"
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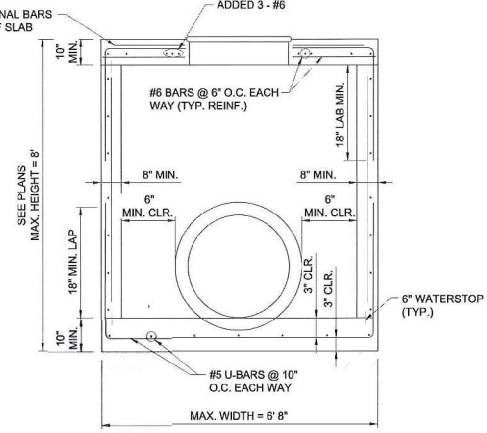
1 AIRFIELD GRATE INLET (STANDARD)

NOTE:
MINIMUM STEEL REINFORCEMENT LAP SHALL BE APPLIED WHERE APPLICABLE. IF THE CONTRACTOR CANNOT MEET THE MINIMUM LAP REQUIREMENT DUE TO THE INLET HEIGHT, THE CONTRACTOR SHALL LAP STEEL THE MAXIMUM AVAILABLE LENGTH.

GRATE DESIGN PARAMETERS	
MATERIAL	DUCTILE IRON
WEIR PERIMETER	9.8 FT. MIN.
FREE OPEN AREA	2.4 S.F. MIN.
WHEEL LOADING	40,000 LBS. MIN.



2A PLAN
SCALE: NONE

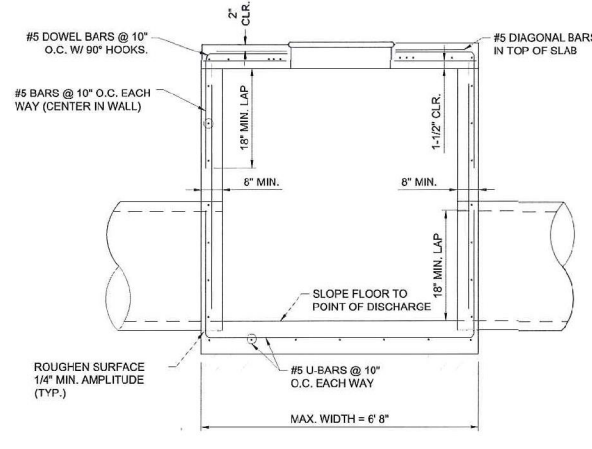


2B SECTION "A-A"
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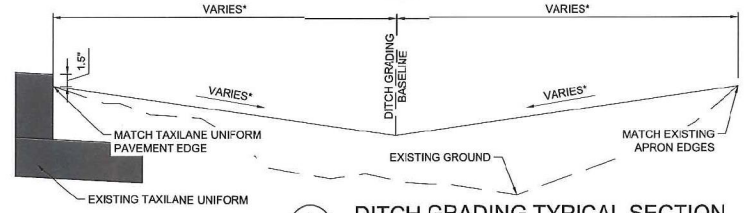
MANHOLE COVER DESIGN PARAMETERS	
MATERIAL	CAST IRON
WHEEL LOADING	40,000 LBS. MIN.
OPENING	32" MIN.

2 AIRFIELD JUNCTION BOX (STANDARD)

NOTE:
MINIMUM STEEL REINFORCEMENT LAP SHALL BE APPLIED WHERE APPLICABLE. IF THE CONTRACTOR CANNOT MEET THE MINIMUM LAP REQUIREMENT DUE TO THE INLET HEIGHT, THE CONTRACTOR SHALL LAP STEEL THE MAXIMUM AVAILABLE LENGTH.



2C SECTION "B-B"
SCALE: NONE



3 DITCH GRADING TYPICAL SECTION
SCALE: NONE
*SEE LAYOUT PLAN FOR DITCH ELEVATIONS AND EXTENTS OF GRADING.

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REGISTRATION NO.
F-5713

COLIN M. BIBLE
107159
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING

DIGITALLY SIGNED
12/28/2017

REV.	DATE	DESCRIPTION

ADDISON AIRPORT

ADDISON, TEXAS

WING AVIATION
DRAINAGE DETAILS

WING AVIATION
DRAINAGE DETAILS

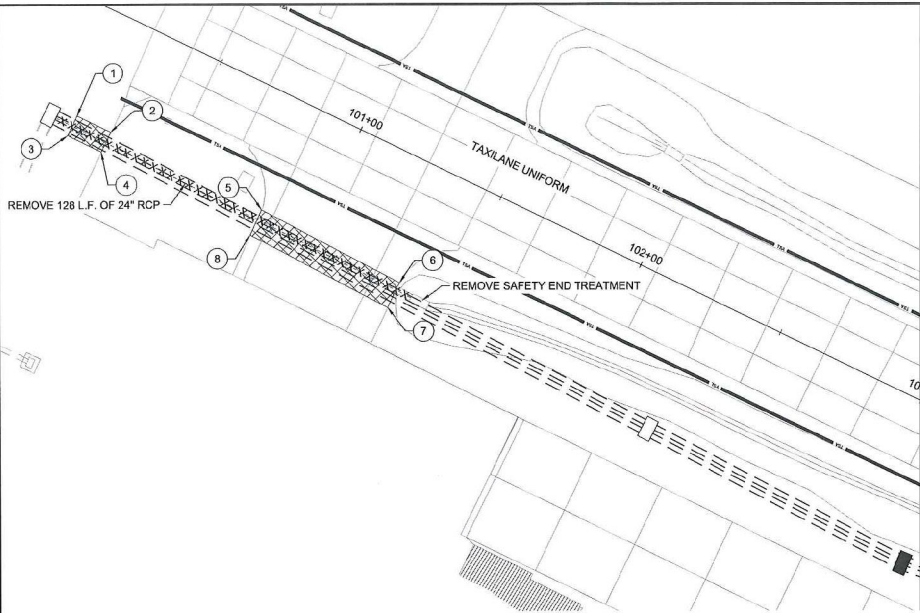
JOB NO.: 17081100
DATE: NOV 2017
DESIGNED BY: JAH
DRAWN BY: JAH

DATE: NOV 2017
DESIGNED BY: JAH
DRAWN BY: JAH

SCALE: NONE
*SEE LAYOUT PLAN FOR DITCH ELEVATIONS AND EXTENTS OF GRADING.

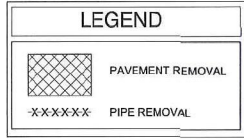
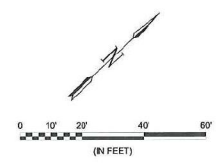
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C-101

SHEET NUMBER **12**



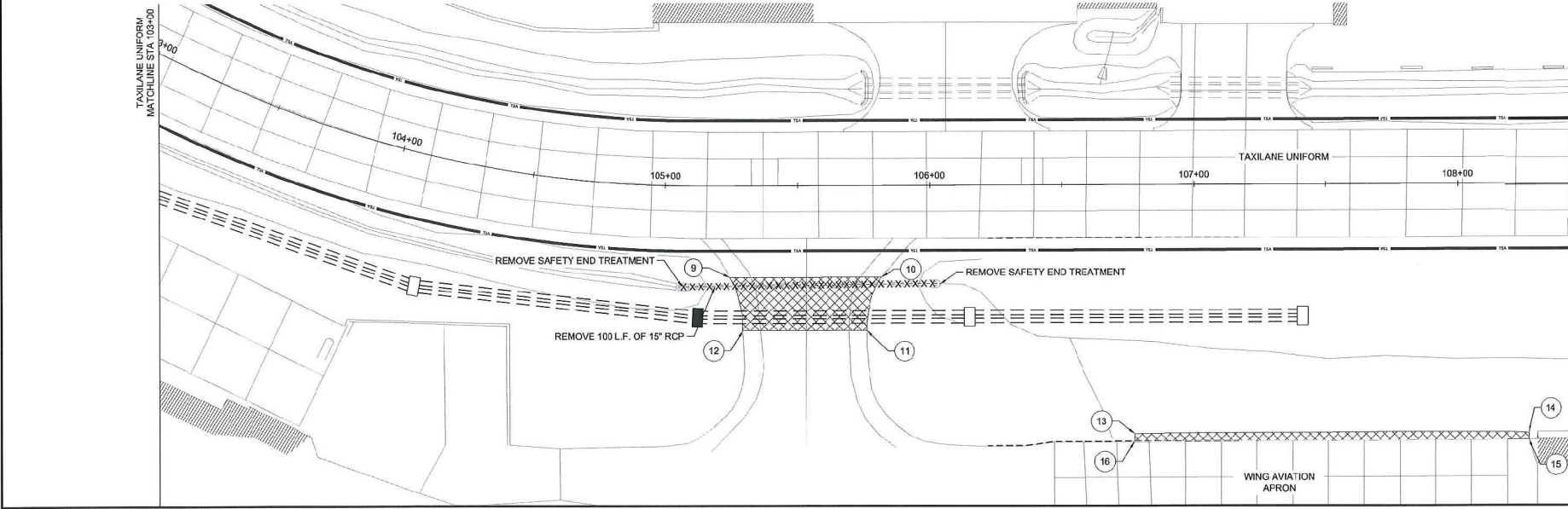
FULL DEPTH PAVEMENT REMOVAL BOUNDARIES


POINT NO.	NORTHING	EASTING
1	7041122.80	2479070.15
2	7041127.08	2479081.36
3	7041116.26	2479072.64
4	7041120.54	2479083.85
5	7041145.39	2479132.68
6	7041161.96	2479180.24
7	7041153.70	2479183.38
8	7041137.22	2479136.08
9	7041358.75	2479532.28
10	7041400.89	2479571.28
11	7041383.08	2479582.22
12	7041348.73	2479550.28
13	7041430.88	2479680.08
14	7041539.68	2479781.67
15	7041538.06	2479783.33
16	7041428.57	2479682.11



NOTES:
 VARIANCE IN EXISTING PAVEMENT SHALL NOT WARRANT ADDITIONAL PAYMENT.
 CAUTION: UNDERGROUND UTILITIES EXIST WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS. HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM THE LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES ON THE GROUND. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.


TEXAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES SUFFICIENT ADVANCE NOTIFICATION THROUGH THE TEXAS ONE-CALL SYSTEM CENTER BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OF EXPLOSIVES (EXCEPT IN THE CASE OF AN EMERGENCY), THE ONE-CALL SYSTEM PHONE NUMBER IS 1-800-245-4945. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE TEXAS ONE-CALL SYSTEM; THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.





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12/26/2017

REV.	DATE	DESCRIPTION	BY

ADDISON AIRPORT

WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

ADDISON AIRPORT
ADDISON, TEXAS

WING AVIATION APRON CONNECTOR - DEMOLITION PLAN (BASE BID 1)

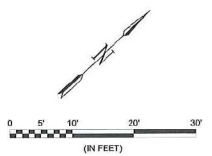
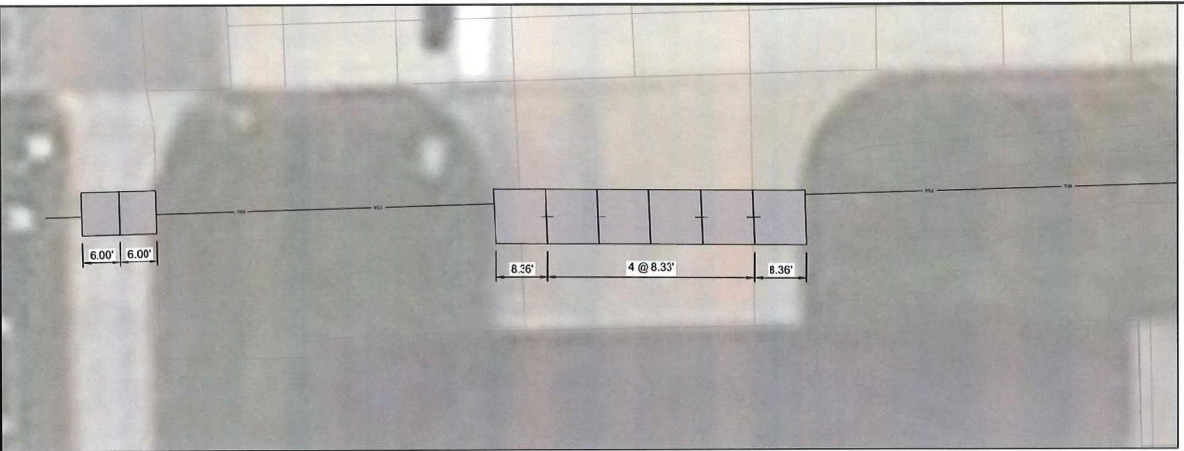
JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
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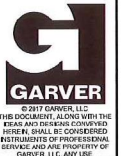
SHEET NUMBER **13**

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 User deleted by: Bewette, Brandon C. (Bil. Sbr). AEC\mmona.cb (Bil. Sbr). 12/26/2017 1:58 PM Printer used: AutoCAD PDF (General Documentation).pc3



PAVEMENT JOINT LEGEND

-----	TYPE "A-1" - REINFORCED ISOLATION JOINT
X	TYPE "E" - DOWELED CONSTRUCTION JOINT
+	TYPE "C" - DOWELED CONTRACTION JOINT
	TYPE "B" - HINGED CONTRACTION JOINT



REGISTRATION NO. F-5713



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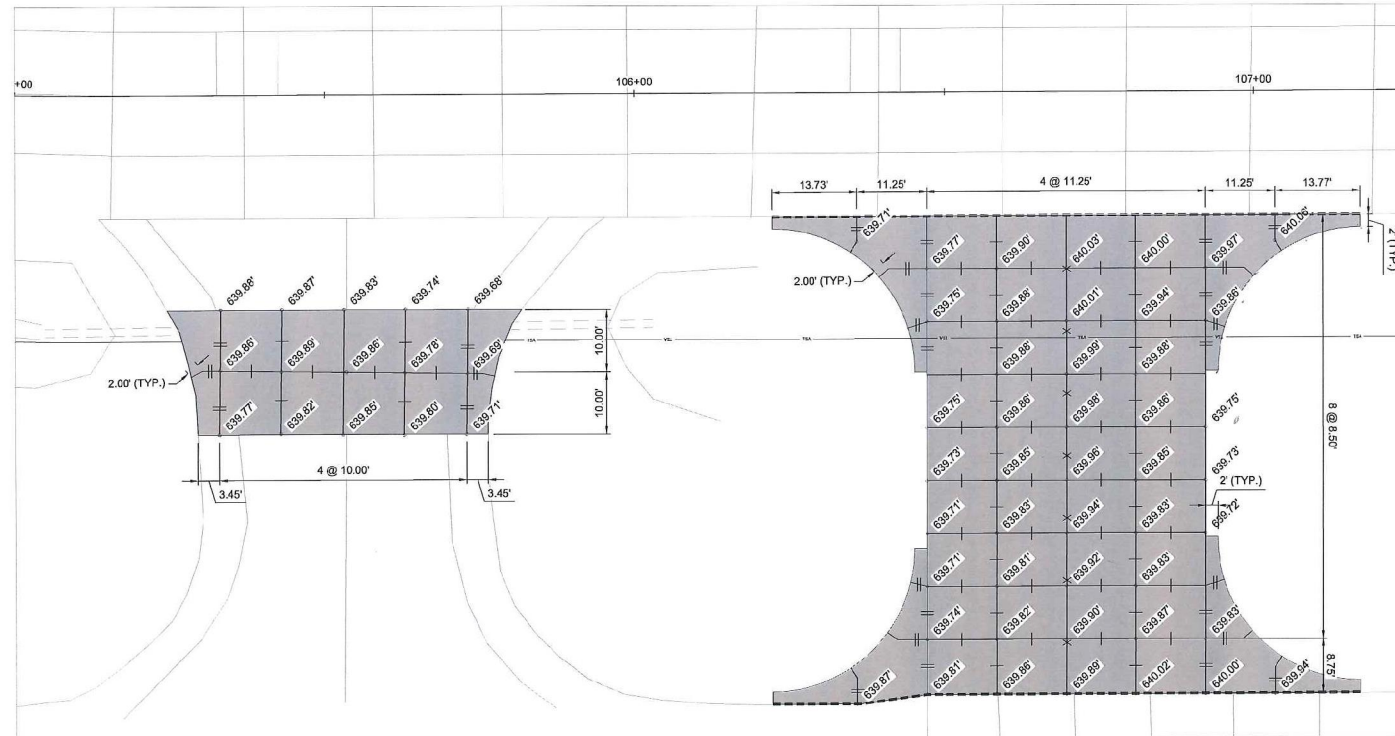
ADDISON AIRPORT
ADDISON, TEXAS
WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

WING AVIATION APRON CONNECTOR - JOINT LAYOUT PLAN (BASE BID 1)

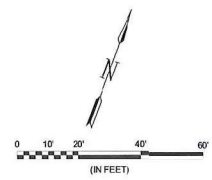
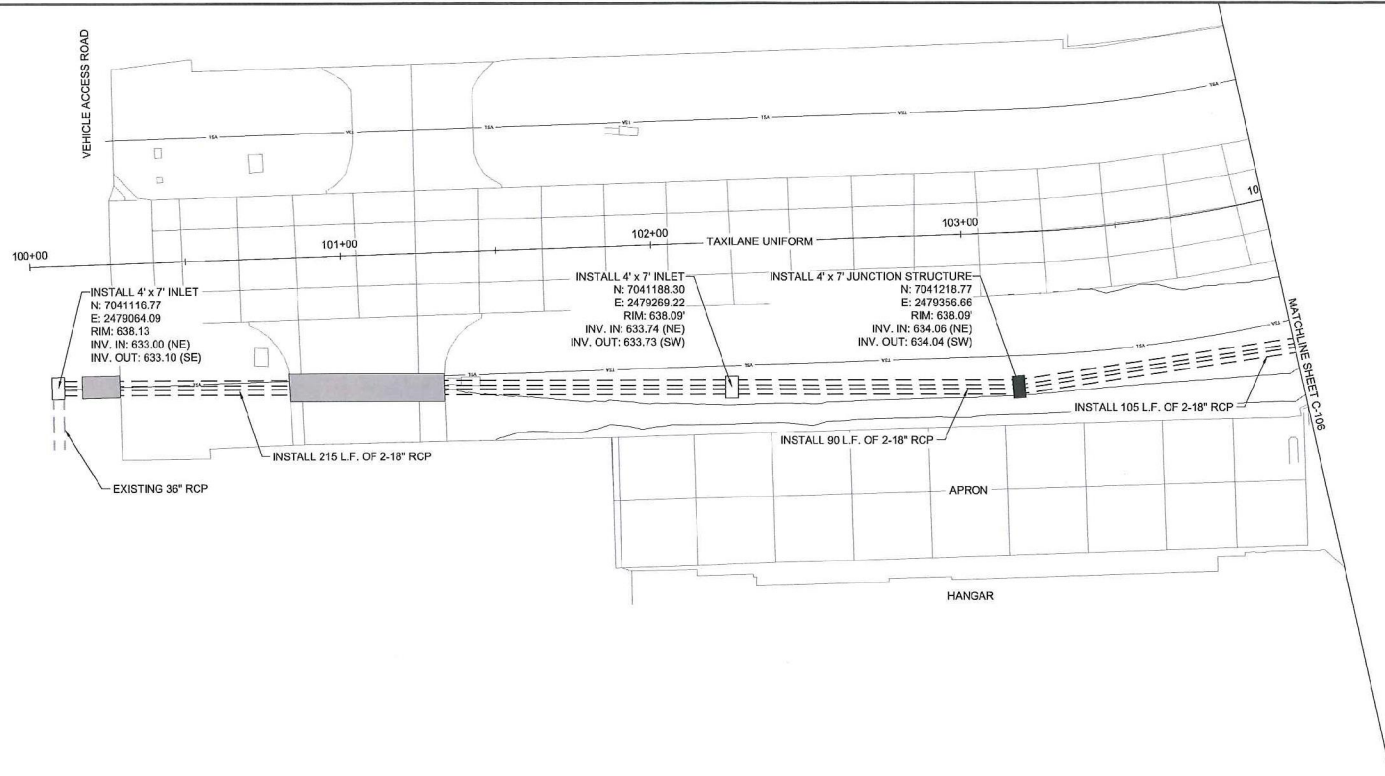
JOB NO.: 17081100
DATE: NOV 2017
DESIGNED BY: JAH
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SCALE: AS SHOWN ON ORIGINAL DRAWING
DO NOT SCALE DIMENSIONS ON THIS SHEET. ADJUST DIMENSIONS ACCORDINGLY.

DRAWING NUMBER **C-104**
SHEET NUMBER **15**

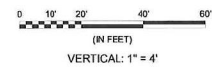
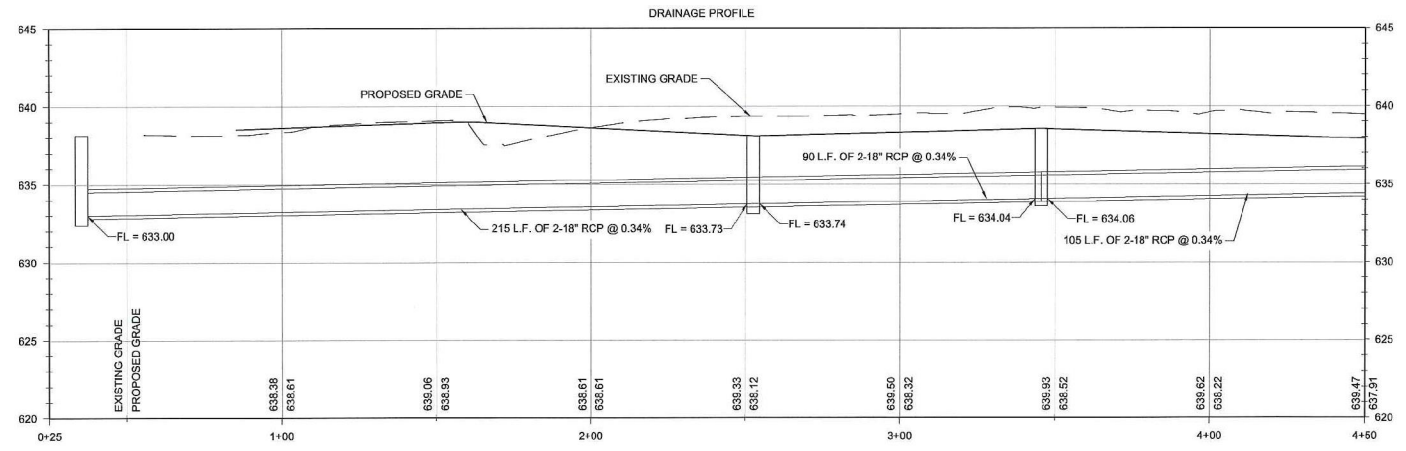


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LEGEND

- PROPOSED PAVEMENT
- PROPOSED 2-18" RCP
- EXISTING RCP



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REGISTRATION NO.
F-5713

STATE OF TEXAS

COLIN M. BIBLE

197159

DIGITALLY SIGNED
12/26/2017

REV.	DATE	DESCRIPTION

ADDISON AIRPORT

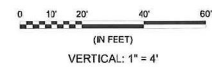
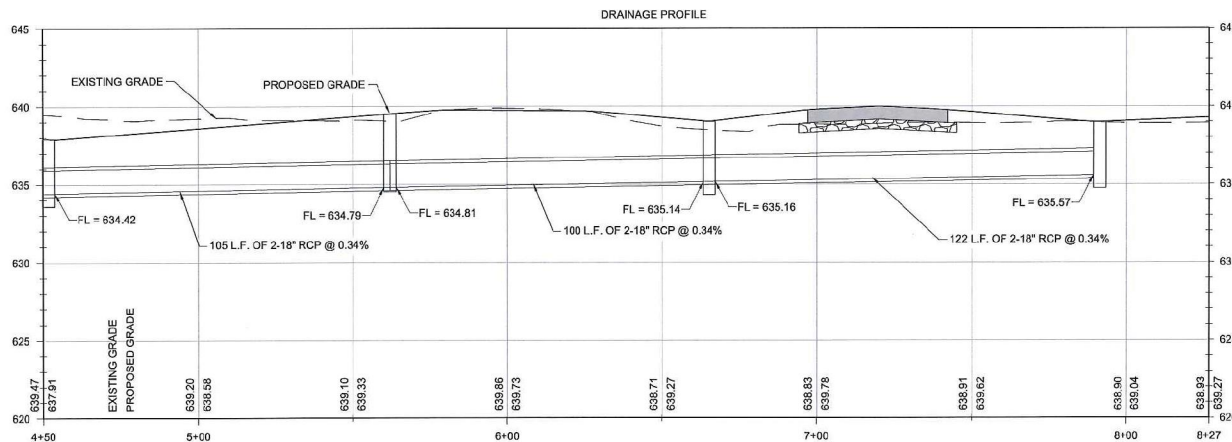
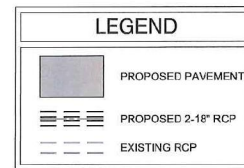
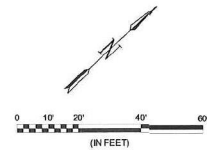
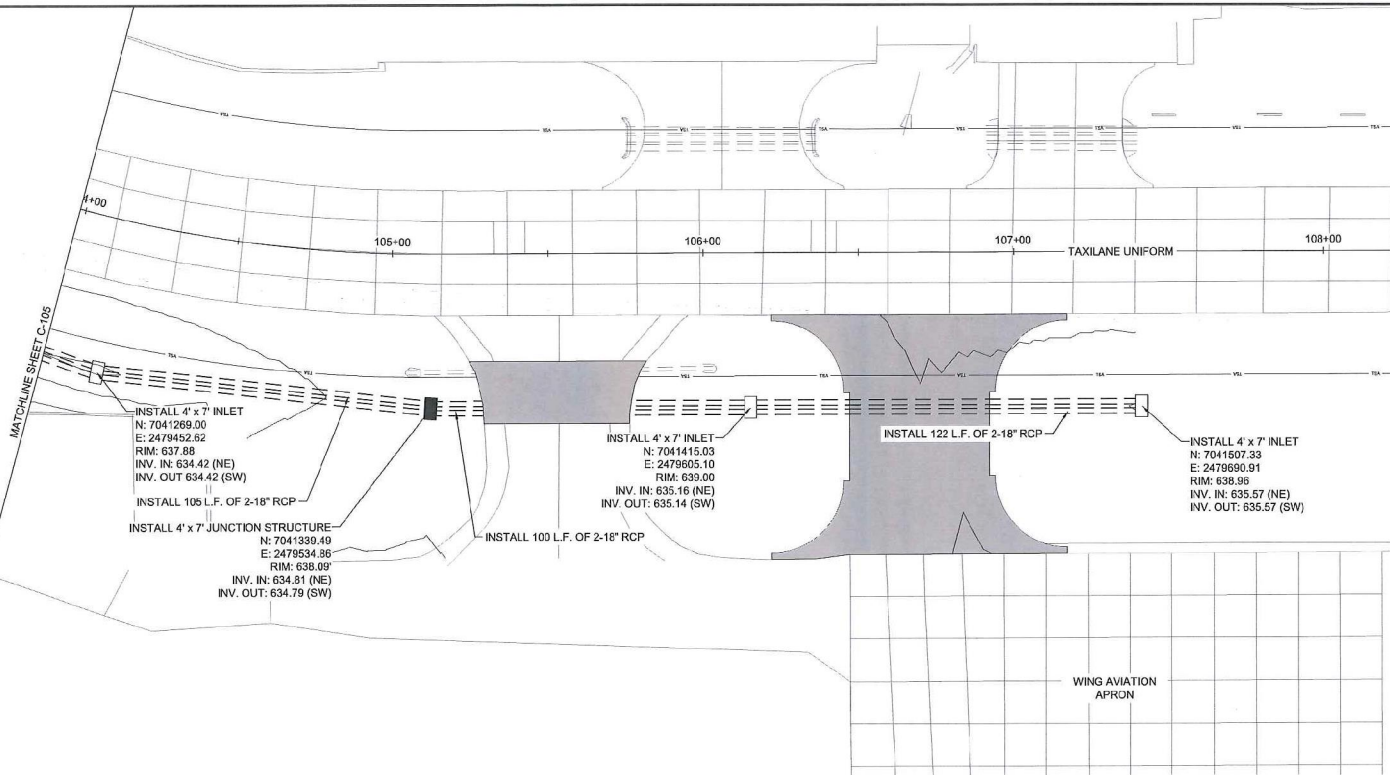
WING AVIATION
APRON CONNECTOR
AND CLAIRE CHEMALL STREET
DRIVEWAY RECONSTRUCTION

WING AVIATION
APRON CONNECTOR -
DRAINAGE PLAN I
(BASE BID 1)


JOB NO.: 17081100
DATE: NOV 2017
DESIGNED BY: JAH
DRAWN BY: JAH

1" = 1" ON PLOT
OR AS SHOWN
FIND ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-105
SHEET NUMBER **16**




File: I:\2017\17081100 - add-on-call\Drawings\work order no. 3\ADCS-SBA-C-106-LP.dwg, Last Save: 11/16/2017 5:43 PM, Last saved by: KRUBABANA
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12/26/2017

REV.	DATE	DESCRIPTION	BY



ADDISON AIRPORT
 ADDISON, TEXAS

WING AVIATION APRON CONNECTOR
 AND CLAIRE CHEMUNUT STREET
 DRIVEWAY RECONSTRUCTION

WING AVIATION
 APRON CONNECTOR -
 DRAINAGE PLAN II
 (BASE BID 1)

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

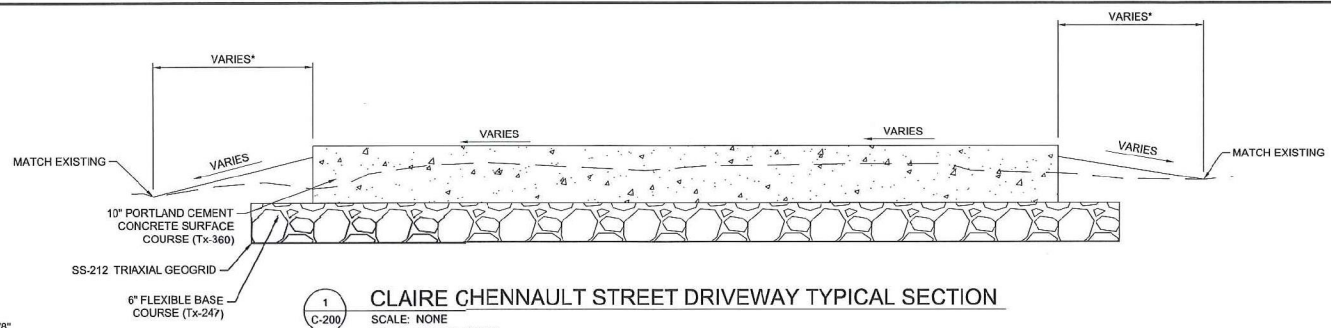
DO NOT SCALE DRAWINGS
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 ADJUST SCALES ACCORDINGLY

DRAWING NUMBER
C-106

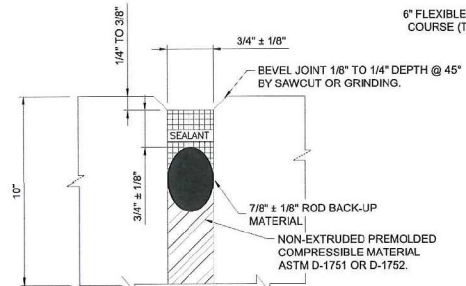
SHEET NUMBER **17**

Town of Addison

12/27/2017 9:34 AM



1 CLAIRE CHENNAULT STREET DRIVEWAY TYPICAL SECTION
SCALE: NONE
*SEE PLANS FOR LIMITS

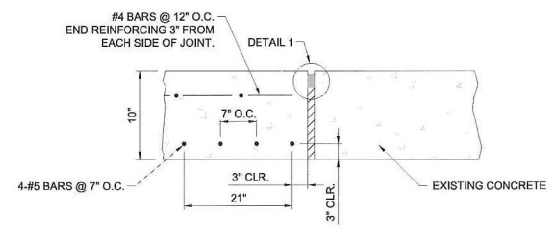


2 DETAIL 1-ISOLATION JOINTS
SCALE: NONE

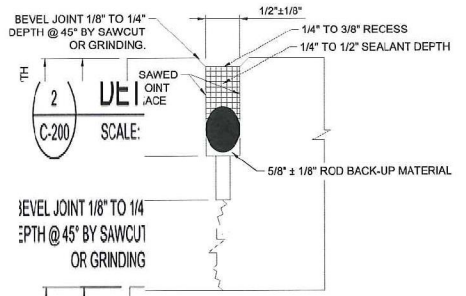
SYMBOLS

- SEALANT
- ROD BACK-UP MATERIAL
- CLOSED-CELL RESILIENT FOAM OR SPONGE RUBBER
- RESILIENT FILLER

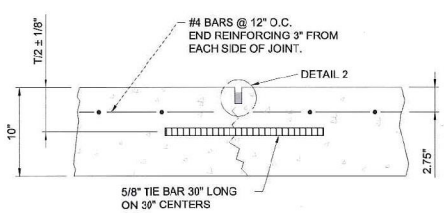
DOWEL BAR LEGEND	
	10" SLAB THICKNESS
	DIAMETER = 3/4"
	LENGTH = 18"
	SPACING = 12" O.C.



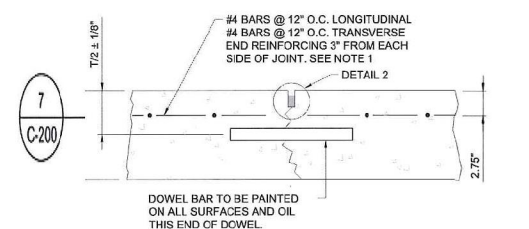
7 TYPE A-1-REINFORCED ISOLATION JOINT
SCALE: NONE



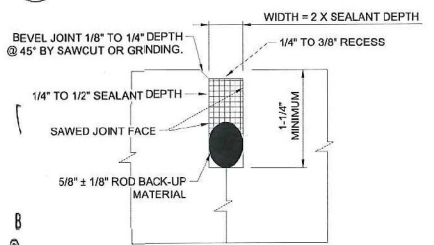
2 DETAIL 2-CONTRACTION JOINTS
SCALE: NONE



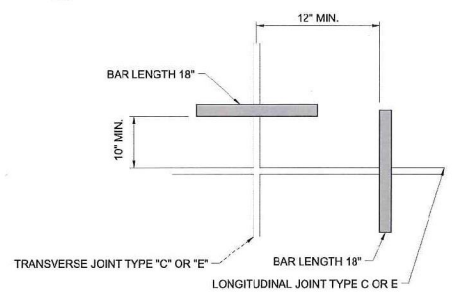
5 TYPE B-HINGED CONTRACTION JOINT
SCALE: NONE



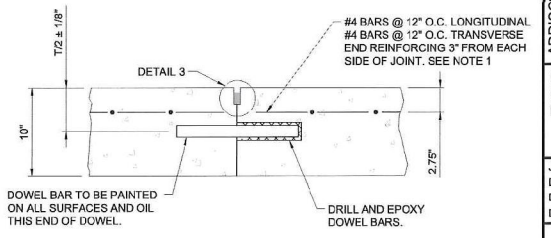
7 TYPE C-DOWELED CONTRACTION JOINT
SCALE: NONE



4 DETAIL 3-CONSTRUCTION JOINTS
SCALE: NONE



6 DOWEL BARS AT SLAB CORNERS (PLAN VIEW)
SCALE: NONE



9 TYPE E-DOWELED CONSTRUCTION JOINT
SCALE: NONE

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REGISTRATION NO.
F-5713

STATE OF TEXAS
 COLIN M. BIBLE
 107159
 PROFESSIONAL ENGINEER
 CIVIL
 DIGITALLY SIGNED
 12/26/2017

REV.	DATE	DESCRIPTION	BY

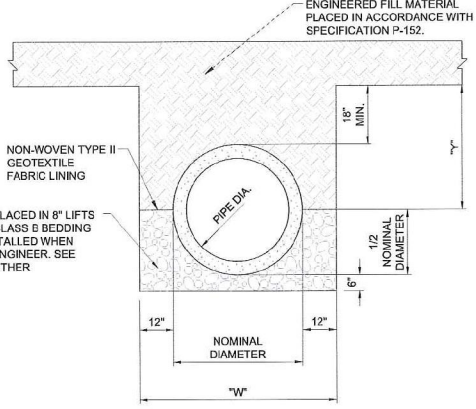
ADDISON AIRPORT
 WING AVIATION APRON CONNECTOR
 AND CLAIRE CHENNAULT STREET
 DRIVEWAY RECONSTRUCTION

CLAIRE CHENNAULT
 STREET DRIVEWAY -
 DETAILS (BASE BID 2)

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

DRAWING NUMBER
C-200
 SHEET NUMBER
18

p. 207



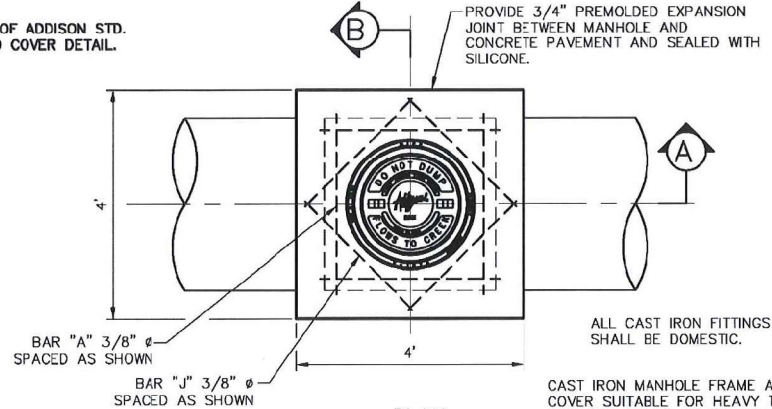
"W" = PIPE NOMINAL DIAMETER + 2" MINIMUM. TRENCH WIDTH SHALL MEET OSHA STANDARDS.

1
C-201
PIPE BACK FILLING
SCALE: NONE

CONSTRUCTION SEQUENCE:

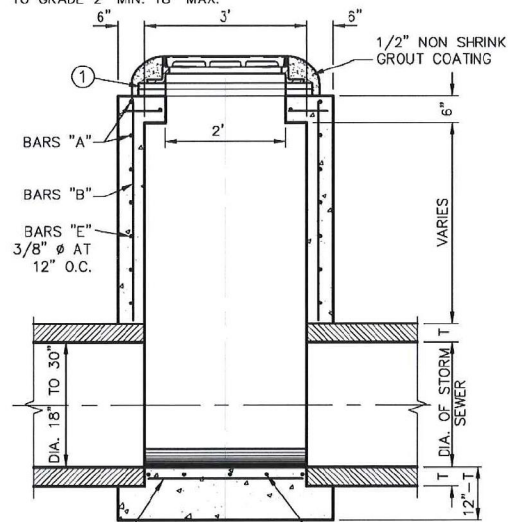
- EXCAVATE A TRENCH AT A WIDTH OF "W". THE DITCH SHALL COMPLY WITH OSHA REGULATIONS AT ALL TIMES AND MAY REQUIRE A TRENCH SAFETY SYSTEM.
- LINE TRENCH WITH NON-WOVEN TYPE II GEOTEXTILE FABRIC AND FOLD EXCESS MATERIAL OVER EDGES OF TRENCH AND SECURE IN PLACE WITH SMALL PILES OF CLASS B BEDDING.
- PLACE 6" OF CLASS B BEDDING IN BOTTOM OF TRENCH FOR BEDDING MATERIAL. ENSURE SLOPE ON SURFACE OF CLASS B BEDDING COMPLIES WITH PLANS AND SPECIFICATION D-701.
- PLACE STORM PIPE IN TRENCH USING STANDARD CONSTRUCTION PRACTICE WITH CARE TAKEN NOT TO DAMAGE PIPE.
- BACKFILL TO 1/2 NOMINAL DIAMETER OF PIPE WITH CLASS B BEDDING PLACED IN 8" LIFTS AND COMPACTED.
- FOLD THE TYPE II GEOTEXTILE FABRIC OVER THE BACKFILLED MATERIAL SO THAT THE FABRIC MEETS THE EDGE OF THE STORM PIPE WITH NO GAPS PRESENT.
- PLACE ENGINEERED FILL ON TOP OF TYPE II GEOTEXTILE FABRIC PER SPECIFICATION P-152.

NOTE:
SEE TOWN OF ADDISON STD. FRAME AND COVER DETAIL.



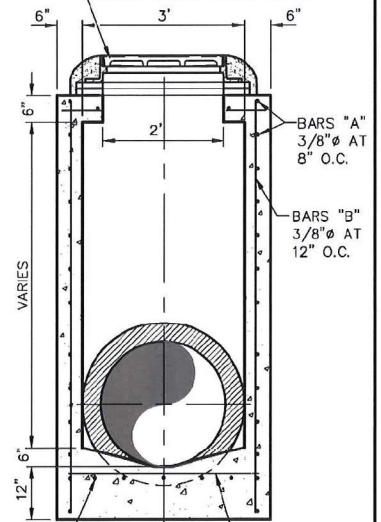
PLAN
NTS

- USE PRECAST CONCRETE GRADE RINGS SET IN MORTAR TO RAISE TO GRADE 2" MIN. 18" MAX.



SECTION A
NTS

CAST IRON MANHOLE FRAME AND COVER SUITABLE FOR HEAVY TRAFFIC. MANHOLE RIM TO BE SET FLUSH WITH PAVEMENT OR 1" TO 4" ABOVE GRADE IN NON-PAVED AREAS.



SECTION B
NTS

Addison!
PUBLIC WORKS DEPARTMENT

TYPE "A" STORM SEWER MANHOLE (FOR 18" TO 30" RCP)

STANDARD CONSTRUCTION DETAILS STORM DRAINAGE

DATE: AUGUST, 2010	REV DATE: -	SHEET: SD-006
-----------------------	----------------	------------------

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REGISTERED PROFESSIONAL ENGINEER
REGISTRATION NO. F-5713

STATE OF TEXAS
COLIN M. BIBLE
197159
PROFESSIONAL ENGINEER
DIGITALLY SIGNED
12/26/2017

REV.	DATE	DESCRIPTION

ADDISON AIRPORT
ADDISON, TEXAS
WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

CLAIRE CHENNAULT STREET DRIVEWAY DRAINAGE DETAILS

JOB NO.: 17081100
DATE: NOV 2017
DESIGNED BY: JAH
DRAWN BY: JAH

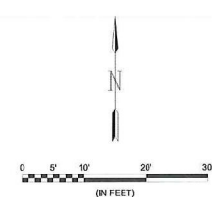
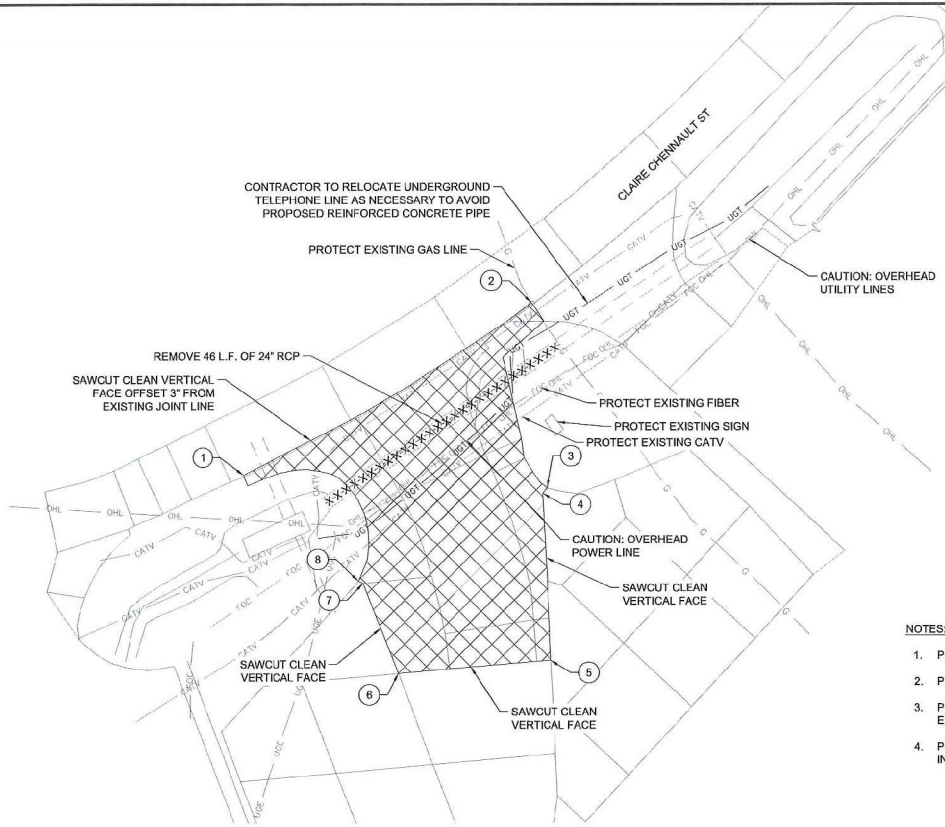
IN 5/8\"/>

IF NOT ONE INCH ON THE SHEET ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-201

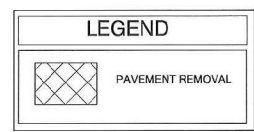
SHEET NUMBER
19

FULL DEPTH PAVEMENT REMOVAL BOUNDARIES		
POINT NO.	NORTHING	EASTING
1	7041767.68	2479249.58
2	7041795.32	2479295.97
3	7041765.05	2479298.48
4	7041764.78	2479297.74
5	7041738.02	2479299.07
6	7041735.91	2479274.43
7	7041750.34	2479268.76
8	7041750.86	2479268.04



NOTES:

1. PROTECT SHRUBS ON BOTH SIDES OF DRIVE.
2. PROTECT EXISTING IRRIGATION LINES AS NECESSARY.
3. PROTECT MAILBOX AND DECORATIVE ROCK BETWEEN EXISTING DRIVES.
4. PROTECT POWER POLE NEAR EXISTING DRAINAGE INLET.



CAUTION: UNDERGROUND UTILITIES EXIST WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS. HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM THE LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES ON THE GROUND. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.

TEXAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES SUFFICIENT ADVANCE NOTIFICATION THROUGH THE TEXAS ONE-CALL SYSTEM CENTER BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OF EXPLOSIVES (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM PHONE NUMBER IS 1-800-245-4545. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE TEXAS ONE-CALL SYSTEM; THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.

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REGISTRATION NO. F-5713

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ADDISON AIRPORT
 ADDISON, TEXAS
 WING AVIATION APRON CONNECTOR AND CLAIRE CHENNAULT STREET DRIVEWAY RECONSTRUCTION

CLAIRE CHENNAULT STREET DRIVEWAY - DEMOLITION PLAN (BASE BID 2)

JOB NO.: 17081100
 DATE: NOV 2017
 DESIGNED BY: JAH
 DRAWN BY: JAH

1" = 40' (SEE NOTES ON OVERALL DRAWING)
 0 1 2 3 4 5 6 7 8 9 10
 1" NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER C-202

SHEET NUMBER 20

