

PERMANENT BENCHMARK: CITY OF ADDISON CONTROL MONUMENT #AA-2, 3" ALUMINUM DISK SET IN CONCRETE INSCRIBED WITH "AA-2" LOCATED ON THE EAST SIDE OF ADDISON AIRPORT, 320.63' WEST OF WEST ROW OF ADDISON ROAD AND 477.1' SOUTH OF SOUTH ROW OF WESTROVE DRIVE (60' ROW). ELEVATION=641.92

CONSTRUCTION BENCHMARK: SQUARE CUT ON EDGE OF CONCRETE ON THE NORTH SIDE OF CLAIRE CHENNAULT APPROXIMATELY 22 FEET S26°42'25"E OF THE SOUTHEAST PROPERTY CORNER OF SUBJECT PROPERTY. ELEVATION = 643.36

STABILIZATION OF DISTURBED AREAS PRIOR TO FINAL ACCEPTANCE

A. PUBLIC RIGHTS-OF-WAY, EASEMENTS, AND COMMON AREAS MUST BE STABILIZED WITH PERENNIAL VEGETATION COVER, FULLY ESTABLISHED WITH 100% COVERAGE, OR OTHER APPROVED STABILIZATION METHOD.

RADII COORDINATE TABLE

- ① X=2483642.4902
Y=7046900.6447
- ② X=2483648.0045
Y=7046895.5669
- ③ X=2483703.7246
Y=7046966.6030
- ④ X=2483709.4019
Y=7046961.3749
- ⑤ X=2483992.0179
Y=7046713.3601
- ⑥ X=2483962.0749
Y=7046681.1196

GENERAL NOTES:

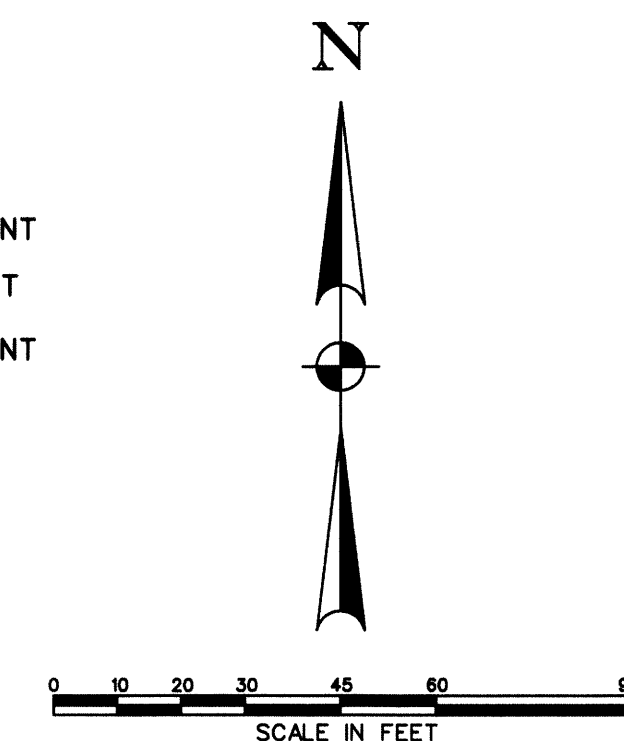
- 1) THE CONTRACTOR SHALL INSURE THAT THE PAVEMENT SURFACE WITHIN AN ACTIVE AIRCRAFT MOVEMENT AREA IS KEPT CLEAN FROM DIRT, MUD AND OTHER DEBRIS
- 2) AT ALL TIMES AIRCRAFT MOVEMENT SHALL HAVE THE RIGHT OF WAY OVER THE CONTRACTOR'S EQUIPMENT.
- 3) ALL EQUIPMENT AND VEHICLES OPERATING INSIDE AIRCRAFT MOVEMENT AREAS MUST BE MARKED WITH THE CONTRACTOR'S NAME AND BE LEGIBLE FROM 200 FEET. EQUIPMENT AND VEHICLES SHALL BE MARKED WITH 3' X 3' ORANGE CHECKERED FLAGS (DAY ONLY) OR YELLOW FLASHING DOME TYPE LIGHTS (DAY OR NIGHT).
- 4) ALL WORK WITHIN THE AIRPORT PERIMETER FENCE SHALL BE ACCOMPLISHED AFTER NOTAMS HAVE BEEN ISSUED AND COORDINATION WITH THE AIRPORT, THROUGH CLAY BARNETT, P.E., TOWN ENGINEER, 972.450.2871, HAS BEEN COMPLETED.
- 5) AIRPORT SECURITY IS A PRIMARY CONCERN OF THE AIRPORT. THE CONTRACTOR SHALL BE ALLOWED ACCESS TO THE CONSTRUCTION AREAS AT THE LOCATIONS SHOWN ON THE PLANS. THE CONTRACTOR'S ACCESS GATES INTO THE SECURED AREA OF THE AIRPORT SHALL BE KEPT GUARDED OR LOOKED AT ALL TIMES OR SECURED WITH TEMPORARY FENCING.
- 6) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SECURITY OF ALL HIS/HER ACCESS GATES BY KEEPING THE ACCESS GATES LOCKED OR GUARDED AT ALL TIMES. SHOULD THE CONTRACTOR FAIL, AT ANY TIME, TO KEEP HIS/HER ACCESS GATES LOCKED OR GUARDED, THERE SHALL BE A FINE OF \$200.00 ASSESSED TO THE CONTRACTOR, AND PAID TO THE ADDISON AIRPORT FOR EACH OCCURRENCE THAT THE CONTRACTOR FAILS TO MAINTAIN THE SECURITY OF HIS/HER ACCESS GATES.

LEGEND:

- 522--- EXISTING CONTOUR
- 522— PROPOSED CONTOUR
- PROPOSED CURB
- EASEMENT
- EXISTING PAVEMENT CURB
- EXISTING PAVEMENT EDGE
- PROPERTY/ROW LINE
- ⊙ BACKFLOW PREVENTER
- ⊗ WATER METER
- SINGLE CLEAN OUT
- DOUBLE CLEAN OUT
- LSA LANDSCAPE AREA
- BFR BARRIER FREE RAMP

PAVEMENT LEGEND:

- ▨ PARKING AREA PAVEMENT
- ▩ APRON PAVEMENT
- ▧ FLATWORK
- ▤ EXISTING CONCRETE PAVEMENT
- ▥ EXISTING ASPHALT PAVEMENT
- ▦ PROPOSED CONCRETE PAVEMENT



NOTE:

PER 30 JUNE, 2010, LETTER FROM HENLEY JOHNSTON & ASSOCIATES, INC. IF QUANTITIES OF RECYCLED CONCRETE BEING USED FOR THE BASE MATERIAL ARE NOT SUFFICIENT TO COVER THE ENTIRE AREA UNDER THE APRON PAVEMENT ANY ADDITIONAL BASE MATERIAL REQUIRED SHALL BE A CRUSHED AGGREGATE BASE COURSE MEETING THE FAA REQUIREMENTS OF ITEM P-209.

PAVING GENERAL NOTES

1. All construction shall conform to the City of Addison and Federal Aviation Administration (AC No. 150/5320-6E) Standard Construction Details and Standard Specifications for Public Works Construction where applicable. In the event that an item is not covered, the contractor shall bring the problem to the attention of the engineer for approval or modification.
2. All subgrade beneath proposed parking shall be per the pavement sections on Sheet C2. All fill shall be placed in 8" lifts compacted as required by the grading plan.
3. Parking lot pavement shall be per pavement section called out on Sheet C2.
4. Sidewalk and flatwork shall be per pavement section called out on Sheet C2.
5. Longitudinal and transverse construction joints shall be installed per FAA Standard AC No. 150/5320-6E for all apron and taxiway parking. Joint location and sealant type shall be located and sealed per the same advisory.
6. Longitudinal and transverse construction joints shall be installed per Town of Addison standards for all parking lot and sidewalk pavement. For the parking lot sawed transverse dummy joints shall be installed in concrete pavement on 15' centers. Sawed longitudinal dummy joints shall be installed along centerline of fire lane and outside where applicable. All joints shall be filled with an approved sealer. Parking lot pavement shall have transverse expansion joints installed at all drive returns. Expansion joints shall be placed along all fixed objects such as light poles and foundations.
7. Contractor shall adjust all manholes and water valves to match finished grades as shown on drawings.
8. Contractor shall provide barrier free ramps per City of Addison Details. All handicap ramps, stalls, walks and access to the building(s) shall meet ADA standards.
9. All conduits for irrigation sleeves shall be class 200 PVC installed 12" below concrete pavement and extend 2' outside of back of curb. Irrigation sleeves shall be installed per the irrigation plan.
10. Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Addison and the owner.
11. The location of existing utilities shown on these plans is approximate. All utilities may not be shown. It is the responsibility of the contractor to contact the City of Addison and all area utilities that may conflict with construction prior to beginning work.
12. Contractor shall provide traffic control plan, at least 48 hours prior to any work in a city street. Traffic control measures shall conform to Part VI of the Texas Manual on Uniform Traffic Control Devices. Traffic control measures shall be installed for any work activity that takes place on or adjacent to any City street or roadway. The City Engineer may require the Traffic Control Plan to be designed and sealed by an engineer licensed in the State of Texas.
13. For franchise utility locator services Contractor shall call Texas One Call at 1-800-344-8377 or Utility Locator at 1-800-DIG-TESS". It is the contractor's responsibility to verify location and depth of all existing utilities prior to construction and notify Engineer if conflicts exist.
14. Erosion Control shall conform to City of Addison standards.

Design survey provided by the owner.

As-built utilities, paving and drainage information obtained from record drawings on file with the City of Addison.

TABLE 3-16. RECOMMENDED MAXIMUM JOINT SPACINGS - RIGID PAVEMENT WITH OR WITHOUT STABILIZED SUBBASE

Part I, without Stabilized Subbase		Joint Spacing	
Slab Thickness	Joint Spacing	Feet	Meters
Inches	Millimeters	Feet	Meters
6	152	12.5	3.8
6.5-9	165-229	15	4.6
>9	>229	20	6.1

Part II, with Stabilized Subbase		Joint Spacing	
Slab Thickness	Joint Spacing	Feet	Meters
Inches	Millimeters	Feet	Meters
8-10	203-254	12.5	3.8
10.5-13	267-330	15	4.6
13.5-16	343-406	17.5	5.3
>16	>406	20	6.1

- ③ REVISED NOTE REQUIRED PER TOWN OF ADDISON COMMENT 06-24-10 TO SPECIFY WHAT ADDITIONAL BASE MATERIAL UNDER THE APRON PAVEMENT IS ALLOWED. REVISED 07-01-10
- ② REVISED PER TOWN OF ADDISON COMMENT 06-24-10 - ADDED GENERAL NOTE PER CITY ENGINEER REQUIRING PER CLIENT REQUEST - REVISED PARKING PAVEMENT NORTH OF PHASE 1 BUILDING & REVISED TAXIWAY WIDTH FROM 40' TO 60'
- ① REVISED PER TOWN OF ADDISON COMMENT 06-10-10 - REVISED APRON PAVEMENT PAVING SECTION REVISED PER TOWN OF ADDISON COMMENT 03-16-10 REVISED PER TOWN OF ADDISON COMMENT 02-19-10

TOWN OF ADDISON PUBLIC WORKS NO. PW2010-01

PAVING PLAN

EXECHANGAR

4565 CLAIRE CHENNAULT ROAD

CITY OF ADDISON, TEXAS

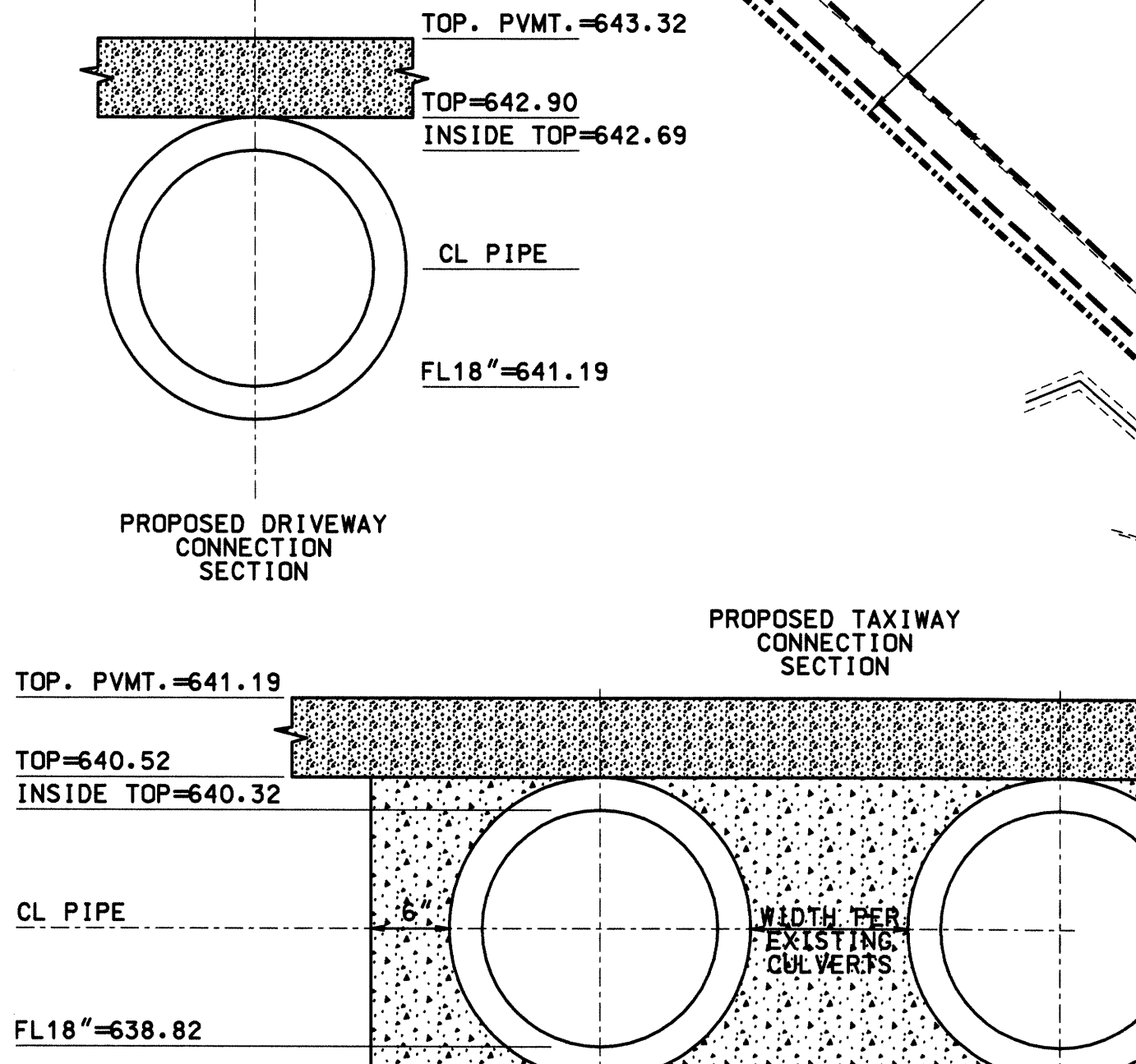
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
HELM.	CADD	JAN. 27, 2010	1"=30'	PBORDER DGN	1001	C2

PER LETTER BY HENLEY JOHNSTON & ASSOCIATES, INC. (PROJECT NUMBER HJA 10478-3, DATED JUNE 10, 2010) THE APRON PAVEMENT SHALL BE 8" THICK, 650 PSI FLEXURAL STRENGTH, REINFORCED CONCRETE PAVEMENT ABOUT 5.250 PSI COMPRESSIVE) WITH NO. 4 BARS 24" O.C.E.W. OVER THE FOLLOWING:

1. THE SITE SHOULD BE STRIPPED OF ALL SOIL AND SHOULD EXPOSE THE WEATHERED LIMESTONE PRESENT BELOW THE SOILS AT THE SITE.
2. PULVERIZED (RECYCLED) CONCRETE MATERIAL AVAILABLE AT THE SITE AND TESTED FOR CBR VALUE BY TERRACON TO BE USED AS AGGREGATE FILL (BASE MATERIAL). IT SHALL BE PLACED IN LIFTS NOT TO EXCEED 6" IN THICKNESS AND COMPACTED TO A DRY DENSITY OF AT LEAST 98 PERCENT OF THE MAXIMUM DRY DENSITY DETERMINED BY A MODIFIED PROCTOR COMPACTION TEST (ASTM D 1557) AT A MOISTURE CONTENT BETWEEN 2.5 PERCENTAGE POINTS BELOW AND 1.5 PERCENTAGE POINTS ABOVE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE SAME PROCTOR TEST. THE BASE MATERIAL SHOULD BE AT LEAST 6 INCHES THICK AND MAY BE UP TO 18 INCHES OR MORE IN TOTAL THICKNESS.

PARKING LOT PAVEMENT SHALL BE 5" THICK, 7 SACK, 4400 PSI, REINFORCED CONCRETE PAVEMENT (NO. 3 BARS 18" O.C.E.W.) WITH ENTRAINED AIR OVER:

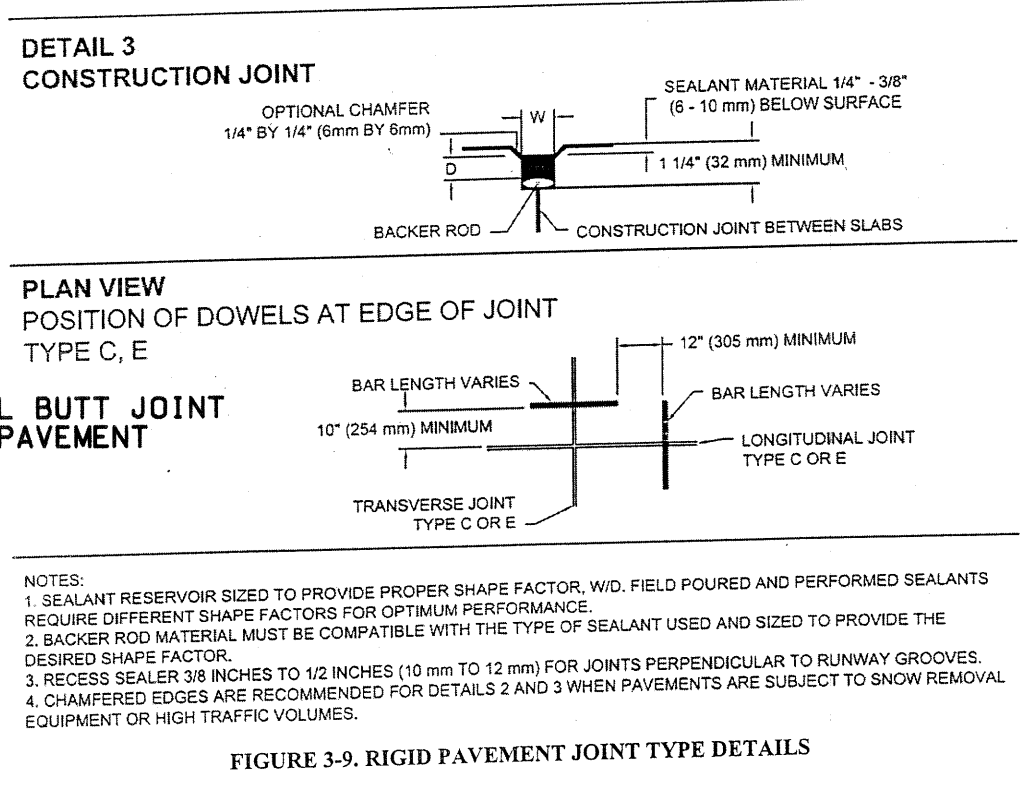
- A) A LIME STABILIZED BASE OF SCARIFIED SOIL WITH SIX (6) PERCENT HYDRATED LIME A MINIMUM OF SIX (6) INCHES DEEP OR
- B) PREPARED SUB-BASE OF ON-SITE, UNDISTURBED SOIL (WITH ORGANICS REMOVED), AND/OR LOW PROCTOR INDEX SOIL ALL OF WHICH HAS BEEN SCARIFIED A MINIMUM OF SIX (6) INCHES DEEP, RECOMPACTED TO A MINIMUM OF NINETY-FIVE (95) PERCENT STANDARD PROCTOR INDEX, AND WATER ADDED TO OPTIMUM MOISTURE CONTENT WITHIN TWENTY-FOUR (24) HOURS OF CONCRETE PLACEMENT.



PAVEMENT SECTIONS:

SIDEWALK AND FLATWORK PAVEMENT SHALL BE 4" THICK, 7 SACK, 4400 PSI REINFORCED (NO. 3 BARS 24" O.C.E.W.) CONCRETE PAVEMENT. SUBGRADE TO BE COMPACTED AS ABOVE AND FINE GRADED TO MATCH AS DESIGNED GRADING AND DRAINAGE PATTERNS.

PAVEMENT SECTIONS PER HENLEY JOHNSTON & ASSOCIATES, INC. GEOTECHNICAL INVESTIGATION, ADDISON AIRPORT, EXECUTIVE HANGAR CONCRETE STRENGTH PER TOWN OF ADDISON



RECORD DRAWING 10-18-10

THIS DOCUMENT IS SUBMITTED AS A "RECORD DRAWING" FOR RECORD PURPOSES ONLY. ANY MODIFICATION OR CHANGES THAT HAVE BEEN MADE DURING CONSTRUCTION AND NOTED ON THIS DRAWING HAVE BEEN SUPPLIED BY THE OWNER, HIS REPRESENTATIVE OR THE CONTRACTOR. FIELD INSPECTION / CONTRACT SUPERVISION OF THE CONSTRUCTION WAS PERFORMED BY OTHERS. IT IS NOT GUARANTEED BY HELMBERGER ASSOCIATES, INC. THAT THIS DOCUMENT REPRESENTS "AS-BUILT" CONDITIONS.

