Texas Department of Transportation

REGIONAL PLANNING OFFICE
910-A N. WATSON ROAD • ARLINGTON, TX 76011-5262 • (817) 640-6031

November 13, 2000

MR MICHAEL MURPHY, P.E.
DIRECTOR OF PUBLIC WORKS
TOWN OF ADDISON
P O BOX 9010
ADDISON TX 75185-0137

Dear Mr. Murphy, p.e.:

The Texas Department of Transportation is preparing the Highway Element (TIP-HE), of the Transportation Improvement Program in cooperation with the North Central Texas Council of Governments. The TIP is prepared for approval by the Regional Transportation Council, the transportation policy board for the Dallas-Fort Worth Region.

The TIP establishes the selection of projects in conformance with the approved Mobility Plan and must include all state-federal projects receiving Federal funding. Inclusion of local government funded projects allows this document to depict implementation of the complete plan at all levels and, thereby, become a more useful reference.

This is a request for you to identify locally funded projects in your entity that are planned for implementation in the coming years. Please provide information for all projects for which your agency is responsible for construction or inspection if developer built/funded. Projects that should be included are:

1. Major new constructions or improvements to principle arterial, minor arterial or collectors that you might consider as regionally significant. Please do not include local street projects.

2. Channelization, signal progression or other traffic engineering improvements of similarly classified facilities.

3. Projects may only be included in the TIP-HE if your entity is willing to state that funding for the project will be available.

For project listings that include a construction element, please indicate the month and year it will be opened for use.

If your agency participated in the last TIP enclosed is a listing of your projects. Please mark your corrections or deletions directly on these sheets. New projects should be documented on the enclosed "Additional Projects" sheet.

Your response is requested no later than close of business **December 1, 2000**.

Sincerely yours,

1. ~~MIDWAY~~ BELT LINE ~~KELLER SPRINGS~~
2. RESIG. OF BELT LINE & MIDWAY TIMING

Mark A. Young
Regional Planning Engineer

MAY
Enclosures

2000 TIP
LOCALLY FUNDED, REGIONALLY SIGNIFICANT PROJECTS
DALLAS DISTRICT – FY 2000
(000's)

November 2000

DISTRICT COUNTY CITY PROJECT CODE	NAME OR DESIGNATION LOCATION (FROM) LOCATION (TO) DESCRIPTION OF WORK LETTING DATE	F-CLASS LENGTH LANES	FED. PROG. STATE CAT. PHASE	FUNDING FEDERAL STATE LOCAL TOTAL	COMMENTS
DALLAS DALLAS ADDISON ADD 120	BELT LINE RD AT DALLAS NORTH TOLLWAY WIDEN BRIDGE JUL2000 EST. DATE OF COMPLETION: _____	PRIN ART 6/6/6	20 E,C,R 	 $2,200 $2,200	

Agent:ADD FY: 2000 # of Projects= 1 Federal Costs Total = State Costs Total = Local Costs Total =2200

PHASE: C=CONSTRUCTION, P=PRELIMINARY ENGINEERING, R=RIGHT OF WAY

2000 TIP
LOCALLY FUNDED, REGIONALLY SIGNIFICANT PROJECTS
DALLAS DISTRICT – FY 2001
(000's)

November 2000

DISTRICT COUNTY CITY PROJECT/CODE	NAME OR DESIGNATION LOCATION (FROM) LOCATION (TO) DESCRIPTION OF WORK LETTING DATE	F-CLASS LENGTH LANES	FED.PROG. STATE CAT. PHASE	FUNDING FEDERAL STATE LOCAL TOTAL	COMMENTS	
DALLAS DALLAS ADDISON ADD 134	ARAPHOE RD ADDISON RD MARSH LN MAJOR CONSTRUCTION OCT2000 EST. DATE OF COMPLETION: _____	MINOR ART 1.4 0/4/4	20 E,C,R	 $8,300 **$8,300**	PHASES II AND III P.E. IN PROGRESS	

Agent:ADD FY: 2001 # of Projects= 1 Federal Costs Total = State Costs Total = Local Costs Total =8300

PHASE: C=CONSTRUCTION, P=PRELIMINARY ENGINEERING, R=RIGHT OF WAY

2000 TIP
LOCALLY FUNDED, REGIONALLY SIGNIFICANT PROJECTS
DALLAS DISTRICT – FY 2004
(000's)

November 2000

DISTRICT COUNTY CITY PROJECT CODE	NAME OR DESIGNATION LOCATION (FROM) LOCATION (TO) DESCRIPTION OF WORK LETTING DATE	CLASS LENGTH LANES	FED. PROG. STATE CAT. PHASE	FUNDING FEDERAL STATE LOCAL TOTAL	COMMENTS
DALLAS DALLAS ADDISON ADD 122	SPECTRUM DR ARAPOHOE RD AIRPORT PKWY MAJOR CONSTRUCTION DEC2004 EST. DATE OF COMPLETION: _____	COLLECTOR 0.5 0/4/4	20 E,C	 $3,000 **$3,000**	CURRENTLY FUNDED FOR $300,000 RAILROAD CROSSING
Agent:ADD	FY: 2004 # of Projects= 1	Federal Costs Total =	State Costs Total =	Local Costs Total =3000	

PHASE: C=CONSTRUCTION, P=PRELIMINARY ENGINEERING, R=RIGHT OF WAY

Regional Transportation Improvement Program
Additional Projects

Sponsor (City or County):_____

Project is in _____ **County** (use project beginning if in two counties)

Project name or description:_____

_____

Project Beginning: From(or At) :_____

Project Ending: To:_____

Description of Work to be done: _____

_____

_____

Check all that apply to this project:

☐ ADD. LANES ☐ TRAF. SIGNAL/TIMING ☐ REHABILITATION ☐ INTERSECTION IMPROVEMENTS

Project Length: _____ . _____ **miles** (nearest 1/100 th mile)

Number of Traffic Lanes: _____/____/_____ (Present/this project/ultimate)

This project is for : Engineering _____ Right-of-way ___Construction ____
(Check as needed)

Funding Summary : Federal Funds __0__ *(by definition local sponsored projects*
State Funds __0__ *cannot use federal or state funds)*
Local Funds _____ (to nearest thousands of dollars)

This Project is to begin construction: _____(Month) of _____(Year)

This Project is to open by: _____(Month) of _____(Year)

Further Comments: (up to 75 characters)

_____

_____

_____

_____

Regional Transportation Improvement Program
Additional Projects

Sponsor (City or County):_____

Project is in _____ **County** (use project beginning if in two counties)

Project name or description:_____

_____

Project Beginning: From(or At) :_____

Project Ending: To:_____

Description of Work to be done: _____

_____

_____

Check all that apply to this project:

☐ ADD. LANES ☐ TRAF. SIGNAL/TIMING ☐ REHABILITATION ☐ INTERSECTION IMPROVEMENTS

Project Length: _____ . _____ **miles** (nearest 1/100 th mile)

Number of Traffic Lanes: _____/____/____ (Present/this project/ultimate)

This project is for : Engineering _____ Right-of-way ___Construction ___
(Check as needed)

Funding Summary : Federal Funds ___0___ *(by definition local sponsored projects*
State Funds ___0___ *cannot use federal or state funds)*
Local Funds _____ (to nearest thousands of dollars)

This Project is to begin construction: _____(Month) of _____(Year)

This Project is to open by: _____(Month) of _____(Year)

Further Comments: (up to 75 characters)

_____

_____

_____

_____

Texas Department of Transportation

DEWITT C. GREER STATE HIGHWAY BLDG. • 125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • (512) 463-8585

November 15, 1995

City Engineer/County Engineer/
Director of Public Works/
Maintenance Supervisor

TxDOT's Aggregate Quality Monitoring Program (AQMP) and Rated Source Quality Catalog (RSQC) is enclosed for your information and use. Before this revised program was adopted December 1, 1994 the AQMP guidelines were reviewed and commented by representatives of the Texas Aggregates and Concrete Association (TACA) and the Texas Hot Mix Asphalt Pavement Association (THMAPA). With the support from the industry, the revised AQMP has been an effective and very successful program.

The AQMP not only reinforces TxDOT's QC/QA specification for hot mix asphaltic concrete and the QC/QA specification we are developing for Portland cement concrete, it also includes the following benefits:

- Use of total statistical evaluation and normalized gradation, which provides TxDOT and/or aggregate users an efficient system for aggregate quality assurance and monitoring;

- The AQMP and RSQC provide a standard of measure for quality aggregate products. Any government entity or commercial user can use the rated values as a basis for aggregate quality acceptance for requirements such as LA abrasion, soundness or polish value for coarse aggregates and acid insoluble for concrete fine aggregates; and

- Substantial cost savings in materials control and acceptance to aggregate product users such as you.

Currently the AQMP and RSQC information are available through TxDOT's Construction Bulletin Board via CompuServe. The RSQC will be updated once every six months, effective June and December 1st. Please contact Chien Fu, P.E., Soils and Aggregates Engineer, to be placed on our mailing list for this publication. He can be reached at (512) 465-7334 or the above address.

J. Jeffrey Seiders, P.E.
Deputy Division Director
Materials and Tests Division

Texas Department of Transportation

DEWITT C. GREER STATE HIGHWAY BLDG. • 125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • (512) 463-8585

Materials and Tests Division

October 18, 1995

TO: All Producers and Users of Aggregate Products on the Aggregate Quality Monitoring Program

SUBJECT: Revised Guidelines for the Materials and Tests Division's Aggregate Quality Monitoring Program and the Rated Source Quality Catalog

Attached is a copy of the revised guidelines for the Materials and Tests Division's Aggregate Quality Monitoring Program (AQMP) and a Rated Source Quality Catalog (RSQC). The RSQC includes the rated source polish values (RSPV) as well as the rated source statistical values for other aggregate quality tests performed by the Materials and Tests Division. The rated source statistical values published in the RSQC will be valid from December 1, 1995 through May 31, 1996, unless otherwise notified by the Materials and Tests Division.

The RSQC contains the rated source statistical values for aggregate quality test results monitored by the Materials and Tests Division. The rated aggregate sources are those that regularly supply materials to the Texas Department of Transportation projects, and that are regularly monitored by Department personnel. The sources on the AQMP may supply aggregate product(s) to Department projects for the published rated source statistical value(s) for the effective duration of the RSQC. The Materials and Tests Division will issue a test report to a Department project with the rated source statistical value(s) from the RSQC when advised by the project engineer that material will be furnished from one of the rated sources listed.

If you have any questions, please contact the following:

Chien N. Fu, P.E. (512)465-7334 or
Harold Albers, P.E. (512)465-7335

J. Jeffrey Seiders, P.E.
Deputy Division Director
Materials and Tests Division

JJS/CF/

Attachment

AGGREGATE QUALITY MONITORING PROGRAM

Purpose and Scope

The Aggregate Quality Monitoring Program (AQMP) provides the requirements and procedures for the Materials and Tests Division to accept aggregate products that have demonstrated continuing quality and uniformity. The AQMP allows the Districts to use aggregates from rated sources qualified through AQMP without project specific testing by the Materials and Tests Division. The Districts only need to subject the aggregates to job control and independent assurance tests for final acceptance. The AQMP includes the Rated Source Polish Value (RSPV) program.

The AQMP is designed to provide continuous quality assurance of aggregate products. The program includes:

- quality monitoring of aggregate products representing normal production at a single source;
- statistical evaluation of recent aggregate quality test histories;
- expediency in aggregate quality acceptance; and
- optimized resource utilization by reducing aggregate acceptance on a test-prior-to-use basis.

Definitions

The following terms are used throughout the description of this program, and the intent and meaning of these terms are defined below:

Aggregate - a hard, inert, granular material such as sand, gravel, slag, crushed stone, lightweight aggregate, used as a component of mortars, concrete, or bituminous mixtures, or alone as a base or subbase course, or as a loose assemblage for foundation, drainage, bank protection, filter material, bedding purposes, or other potential usage for highway construction.

Department - Texas Department of Transportation (TxDOT).

Source/Pit - a geographical location of naturally occurring material which can be mined or quarried from the original in-situ deposit.

Lightweight Aggregate - expanded clay, shale or slate produced by the rotary kiln method.

Rated Source - a source with one or more aggregate product(s) meeting the AQMP eligibility and acceptance criteria and rated statistically by the Materials and Tests Division for quality.

Rated Source Quality Catalog - a catalog published biannually by the Materials and Tests Division to update the rated source statistical values for the quality tests covered by the AQMP.

Producer - any business or individual seeking to supply aggregate to the Department or contractors of the Department.

Product - a type, grade or class (by TxDOT specifications) of aggregate from a single source.

Job Control Tests - tests routinely performed by the districts on a project basis to meet the specification requirements.

Independent Assurance Tests - tests performed by Department personnel who do not normally have direct responsibilities for quality control or quality assurance sampling and testing for a particular project. They are used for the purpose of making independent checks on the reliability of the QC/QA program.

Quality Assurance - the Department's management method of evaluating the consistency of aggregate products' quality including the use of AQMP samples and test results and source inspection to monitor the quality, uniformity and acceptability of aggregates.

Quality Control (QC) - the producer's management method of controlling and making adjustments to processing techniques of parent materials including the use of QC samples and tests and other available information to establish and maintain the specified quality of a product.

Quality Control Plan (QCP) - an over-all system developed and used by a producer that ensures that the produced aggregate products will meet the specified quality standards.

Probational Status - a status assigned to an aggregate product on the AQMP when its rated source statistical value (with the exception of polish value) is within 10 percent of the Department's standard specification limit.

Check Sample - an additional AQMP sample to be tested to replace the original AQMP test results.

Informational Sample - a sample taken and tested for informational purpose only, and it cannot be used as a substitute for a project or AQMP sample.

Informational Test(s) - test(s) not requested by the district for project sample or not required for the maintenance of the AQMP, but performed on project or AQMP samples by the Materials and Tests Division for additional information to establish the quality test history of an aggregate product.

Reference Test Report - AQMP test reports issued to current projects and/or requisitions. Reference test reports should not be issued more than six (6) months after an AQMP sample date.

Normalized Gradation - a standardized gradation derived from the median of the specified gradation limits and based on 100 percent of the material retained on a designated sieve size.

Selective Quarrying - the practice of processing certain strata or layers of material for a designated aggregate product.

Materials and Tests Division Responsibilities

The Materials and Tests Division (Soils and Aggregates Section) is responsible for requesting AQMP samples, testing, reporting, and qualifying aggregates in the following areas:

Coarse Aggregate for Portland Cement Concrete
- Los Angeles abrasion (Tex-410-A)
- 5-cycle magnesium sulfate soundness (Tex-411-A)
- 5-cycle sodium sulfate soundness (Tex-411-A)
- potential alkali reactivity (ASTM C 227)

Fine Aggregate for Portland Cement Concrete
- acid insoluble (Tex-612-J)
- potential alkali reactivity (ASTM C 227)

Natural Aggregate for Asphaltic Concrete or Surface Treatment
- Los Angeles abrasion (Tex-410-A)
- 5-cycle magnesium sulfate soundness (Tex-411-A)
- polish value (Tex-438-A)

Natural Aggregate for Micro-surfacing
- 5-cycle magnesium sulfate soundness (Tex-411-A)

Lightweight Aggregate for Asphaltic Concrete or Surface Treatment
- Los Angeles abrasion (Tex-410-A)
- freeze thaw loss (Tex-432-A)
- pressure slake loss (Tex-431-A)
- polish value (Tex-438-A)

Districts' Responsibility

It shall be the responsibility of the district within which the AQMP source is located to:

- take AQMP samples from active sources;
- split AQMP samples with the producer's designated quality control personnel;
- verify the plant and pit locations; and
- notify the affected contractor of any status change of AQMP sources upon receiving notice from the Materials and Tests Division.

The user district is responsible for job control testing and final acceptance of the aggregate product. If, in the opinion of the district, there is a change in aggregate production and/or quality, the district can request the Materials and Tests Division to investigate the source/pit conditions to ensure continuous quality of aggregate products from the source in question. When material from an AQMP source has questionable quality and is designated for a Department project, the user district should submit a sample as a "QM check for questionable quality", and the sample ID form should indicate which test the district is concerned about. This test result will be subjected to the routine AQMP maintenance criteria.

Producer's Responsibility

To maintain a source on the AQMP, it shall be the producer's responsibility to notify the Materials and Tests Division of any changes in ownership, pit and/or plant location, and designated quality control personnel at the plant. Failure to inform the Materials and Tests Division may result in removal of the source from the AQMP. The producers may formulate and execute a Quality Control Plan to control the quality and consistency of aggregate products produced.

Quality Control Plan

The producers are encouraged to develop and implement a Quality Control Plan (QCP) for the routine quality control testing of their aggregate products. The consistency of the producer's quality control test results will be evaluated by the Materials and Tests Division to assist in determining if a check sample is warranted. The check sample test results will be used to replace the original AQMP sample test results. The producer's QCP should include, but is not limited to, the following:

- point and method of sampling;
- type, frequency and method of quality control testing;
- records review and monitoring;
- qualifications and responsibilities of quality control personnel; and
- plan for communications and reporting to the Materials and Tests Division of failing quality control test results and corrective actions taken.

Source Eligibility Criteria

AQMP is applicable only to aggregates produced from a single source or pit. A source may be expanded to include its adjacent properties if the materials produced are the same and when approved by the Director of Materials and Tests Division. AQMP will include naturally blended aggregates only if the component materials originate from a single source or pit. This program will exclude artificially blended products of aggregates.

AQMP Acceptance Criteria

To be accepted on the AQMP, the individual aggregate product must meet the following:

- have a test history of at least five TxDOT project samples (of the same type and grade as described under Normalized Gradation and Standardization) within the past two years; this may include informational test histories established from TxDOT project and/or AQMP samples but excluding informational samples;
- the five most recent project sample test results satisfy the standard specification requirements;
- the sampling dates of the above five project samples are at least one month apart;
- the statistical rating of the 5-sample test history meets the standard specification requirements; and,
- the supplier maintains at the pit/plant a map delineating the boundaries of the source.

The Materials and Tests Division reserves the right to accept an aggregate product on the AQMP based on four satisfactory TxDOT project sample test results.

Statistical Evaluation

With the exception of potential alkali reactivity, the AQMP acceptance and maintenance will be based on the statistical evaluation of the required test history using the following equations:

(1) $R = \overline{X} + P\ (MS/N)^{0.5}$ for Los Angeles abrasion, soundness, pressure slake, and freeze thaw loss

or

(2) $R = \overline{X} - P\ (MS/N)^{0.5}$ for acid insoluble and polish value

where:

R = the statistical value, rounded to a whole number (except for pressure slake and freeze/thaw which are rounded to the nearest tenth)

$\overline{X}$ = mathematical average of the 5 most recent test results

P = 3.747, which is the percentile value representing the maximum (Equation 1) or minimum (Equation 2) of 99 percent of the test result outcome

N = 5, which represents the number of test results used in the statistical calculation

MS = Variance of the 5 most recent test results

NOTE: Equation 2 and a 90 percent percentile value of P = 1.533 will be used to calculate the statistical value for polish value.

The AQMP will identify the statistical values of the quality tests by Rated Source as:

RSLA for rated source Los Angeles abrasion
RSSM for rated source 5-cycle magnesium sulfate soundness
RSSN for rated source 5-cycle sodium sulfate soundness
RSPV for rated source polish value
RSAI for rated source acid insoluble
RSFT for rated source freeze thaw loss
RSPS for rated source pressure slake loss

Example: Five most recent polish value test results are 30, 31, 32, 33, and 34.

$$\bar{X} = \frac{\Sigma X}{N} = \frac{30 + 31 + 32 + 33 + 34}{5} = \frac{160}{5} = 32$$

$$\Sigma(X^2) = (30)^2 + (31)^2 + (32)^2 + (33)^2 + (34)^2$$
$$= 900 + 961 + 1024 + 1089 + 1156$$
$$= 5130$$

$$(\Sigma X)^2 = (30 + 31 + 32 + 33 + 34)^2$$
$$= (160)^2$$
$$= 25600$$

$$MS = \frac{\Sigma(X^2) - 0.2(\Sigma X)^2}{N-1} = \frac{5130 - 0.2(25600)}{4}$$

$$= \frac{5130 - 5120}{4} = \frac{10}{4} = 2.5$$

$$RSPV = \bar{X} - 1.533\ (MS/5)^{0.5} = 32 - 1.533\ (2.5/5)^{0.5}$$

$$= 32 - 1.533(0.707)$$

$$= 30.916 \text{ or } \underline{31}$$

The statistical analysis will not use a single high or low test result, though it may represent comparatively better quality, because of the adverse affect it may have on the statistical rating of a source. The single high or low test result representing better quality may be replaced by the closest test value among the five test results. A single high or low test value is defined by a deviation of 25 percent or more from the average of the other four test results. No source will be assigned a Rated Source polish value that is lower than the lowest test value used in the statistical calculation.

AQMP Maintenance

The AQMP shall be maintained by statistical analyses of AQMP quality test results. Upon acceptance of an aggregate source or product on the AQMP, an AQMP sample will be requested and tested. The test results of the first AQMP sample and the four most recent project samples will be analyzed statistically to assign the first AQMP rating for the product. Test results of subsequent AQMP samples, either scheduled or unscheduled, will be used to replace the original project sample test results. The Materials and Tests Division will notify the producer, by letter, of his most recent AQMP sample test results. An aggregate product will remain on the AQMP as long as its statistical rating of the five most recent project and/or AQMP sample test results continues to remain within the standard specification limits. An aggregate product will be placed on a probational status for more frequent sampling and testing when its rated source statistical value (excluding RSPV) is within 10 percent of the Department's standard specification limits. To maintain an aggregate product on the AQMP, it is dependent upon the effectiveness of the producer's quality control effort as evidenced by the consistent quality and uniformity of the products.

As long as the aggregate source/product is sampled and tested for the AQMP, the Materials and Tests Division can issue reference test reports to meet Districts' needs. The current AQMP statistical rating on the quality of the product will be provided on the reference test reports.

Check Sample

The Materials and Tests Division has the option to test a check sample and replace the original AQMP test result(s) only if:

- the producer has a quality control plan (QCP) approved by the Materials and Tests Division;
- the producer submits monthly quality control test data to the Materials and Tests Division on a quarterly basis; and
- the producer's recent (up to two years) split sample test histories are within the following limits of the Materials and Test Division's AQMP split sample test results;

L.A. abrasion (all aggregates)	±3
Soundness (bituminous aggregates)	±3
Soundness (concrete aggregates)	±2
Pressure Slake (lightweight aggregates)	±0.5
Freeze Thaw (lightweight aggregates)	±1.0

The Materials and Tests Division will not accept a waiver of any AQMP sample test result due to the producer's inability to develop and implement a QCP. To request a check sample, the producer should submit a letter of request to the Materials and Tests Division, along with his most recent quality control test

data, stating the AQMP test he believes to be in question. The Materials and Tests Division will analyze and evaluate the test result difference and determine if a check sample and retest is warranted. The Materials and Tests Division will evaluate the producer's quality control test data for all previously stated tests except:

- potential alkali reactivity (ASTM C 227)
- acid insoluble (Tex-612-J)
- polish value (Tex-438-A)

Normalized Gradation and Standardization

Normalized gradation and standardized maximum aggregate sizes will be used in AQMP. This reduces the impact of aggregate size and gradation on the consistency of LA abrasion and soundness test results. The median of the specification gradation shall be normalized based on 100% retained on a 1.9 mm (No. 10) sieve for bituminous coarse aggregates, 100% retained on a 4.75 mm (No. 4) sieve for concrete coarse aggregates, and 100% retained on a 300 um (No. 50) sieve for microsurface aggregates. The following normalized gradations and standardized maximum aggregate sizes will be used by the AQMP.

Bituminous Coarse Aggregate

Hot Mix Asphaltic Concrete (HMAC)
- LA Abrasion - Type C (Passing 9.5 mm (3/8") sieve)
- Soundness and Freeze Thaw Loss - Normalized Gradation, Item 340, Type D

Percent	Size Passing		Size Retained	
13	12.5 mm	(1/2")	9.5 mm	(3/8")
50	9.5 mm	(3/8")	4.75 mm	(No. 4)
37	4.75 mm	(No. 4)	2.36 mm	(No. 8)

Surface Treatment (ST)
- LA Abrasion - Type C (Passing 9.5 mm (3/8") sieve)
- Soundness and Freeze Thaw Loss - Normalized Gradation, Item 302/303, Grade 4

Percent	Size Passing		Size Retained	
28	12.5 mm	(1/2")	9.5 mm	(3/8")
72	9.5 mm	(3/8")	4.75 mm	(No. 4)

- Freeze Thaw Loss - Normalized Gradation, Item 303, Grade 3

Percent	Size Passing		Size Retained	
17	16.0 mm	(5/8")	12.5 mm	(1/2")
54	12.5 mm	(1/2")	9.5 mm	(3/8")
29	9.5 mm	(3/8")	4.75 mm	(No. 4)

Micro-Surface (MS)
♦ Soundness Loss - Normalized Gradation, Special Specification Item 3002

Percent	Size Passing	Size Retained
17	4.75 mm (No. 4)	2.36 mm (No. 8)
23	2.36 mm (No. 8)	1.18 mm (No. 16)
20	1.18 mm (No. 16)	600 um (No. 30)
14	600 um (No. 30)	300 um (No. 50)
26	300 um (No. 50)	

Concrete Coarse Aggregates

Portland Cement Concrete
♦ LA Abrasion - Type B (Passing 3/4")
♦ Soundness Loss - Normalized Gradation, Item 421, Grade 5

Percent	Size Passing	Size Retained
66	19.0 mm (3/4")	9.5 mm (3/8")
34	9.5 mm (3/8")	4.75 mm (No. 4)

Source Removal and Reinstatement

When the statistical rating of an aggregate product on the AQMP fails to meet the specification requirement, the Materials and Tests Division will take the following actions:

(1) review the producer's recent quality control test history, if the data are current in the Materials and Tests Division's pit file, and determine if the condition warrants a check sample;

(2) if the condition does not warrant a check sample or the check sample test result failed to produce a statistical value that satisfies the specification requirement, the Materials and Tests Division will immediately notify the aggregate supplier and TXDOT user districts of the unsatisfactory statistical value; and within 15 calendar days of completing the quality test(s), send a written notice to the aggregate supplier and TxDOT user districts to remove the aggregate product from the AQMP, effective 60 days from the test completion date. It shall be the district's responsibility to notify the affected contractor of any status change of AQMP sources upon receiving notice from the Materials and Tests Division.

When a source is removed from the program, AQMP samples are no longer taken. Once removed from the AQMP, the aggregate product can only be supplied to Department projects and requisitions on a test-prior-to-use basis. The Materials and Tests Division is responsible for aggregate quality testing at a rate of a minimum one test for approximately each 25,000 tons or 20,000 cubic yards. Reinstatement to an active status on the AQMP will

require re-establishing a satisfactory project sample test history and meeting the AQMP acceptance criteria.

Producer Code Number

Each source or pit on the AQMP shall be assigned a five digit producer code number. This number identifies all test data from that source for statistical analyses. Changes in source ownership will not affect AQMP status unless significant production processes are changed. A list of current AQMP sources and products is in CICS, ETC library member CYV.QMAGGSRS, D9MIFILE for Department users. For public access, this information can be obtained through the Department's Construction Bulletin Board.

AQMP Sample Responsibility and Test Frequency

Samples from each AQMP source shall be taken by an authorized representative of the Department. The authorized sampler (Level IA HMA Certified by the Department) will sample each aggregate product according to Test Method Tex-400-A and split all AQMP samples with the producer. For concrete and bituminous natural aggregates, the sampling rate shall be at least one sample for every six months. A more frequent sampling rate (one sample every two to three months) may be applied to a source when (1) the recent test history indicates a significant decline in material quality, or (2) its aggregate product(s) on the AQMP has been placed on a probational status. For polish value of bituminous aggregates, the sampling rate will be increased to once every three months if the spread of the five most recent test results is equal to or greater than 6. Lightweight aggregates on AQMP are normally sampled and tested monthly. Sampling and testing frequency of lightweight aggregate may be reduced to one sample every two to three months only if the producer's monthly quality control test results have been consistent with the Materials and Tests Division's test results. The Materials and Tests Division will evaluate AQMP split sample test results and determine the reliability of the producer's quality control test data. AQMP samples may be requested and/or taken by the Materials and Tests Division at any time.

Exceptional Sources

All natural coarse aggregates for HMAC, surface treatment and Portland cement concrete may qualify for AQMP soundness exemption if the AQMP product:

- produces a L.A. abrasion loss of no more than seventy-five (75) percent of the standard specification requirement; and
- has a current rated source value for soundness (RSSM,

and RSSN if applicable) of no more than fifty (50) percent of the standard specification requirement.

When the aggregate product meets both of the requirements stated above, the AQMP soundness test may be exempted. No more than one (1) exemption may be granted in any twelve (12) month period.

Testing Gravel Samples for Polish Value

If the district submits a gravel sample designated as uncrushed, the sample is tested as uncrushed, with all exposed faces uncrushed.

If a gravel sample is designated by the district as crushed, the sample is tested as crushed, with all crushed faces exposed. In addition, a crushed face particle count is determined in accordance with Test Method Tex-460-A and reported as informational. In no case will the polish value test be performed on a combination of exposed crushed and uncrushed faces.

Blending Polish Value Aggregates

The AQMP will not rate and monitor artificially blended aggregate products for polish value. When blending is allowed by the specification, the formula in Test Method Tex-438-A, Part II, Method B shall be used to determine the blend percentages to achieve a combined polish value. The polish value blending formula is as follows:

$$\%H = \frac{100(PV_s - PV_L)}{PV_h - PV_L}$$

where: $\%H$ = required percentage by volume of coarse aggregate with the higher polish value
PV_s = polish value specified
PV_h = RSPV or test result of the higher polish value material
PV_L = RSPV or test result of the lower polish value material

The blending of aggregates for polish value shall meet all the blending requirements of the applicable specifications including testing for differential wear when required. For blended aggregates such as granite and trap, the AQMP will rate the lower polish value granite separately from the higher polish value trap rock from different production and stockpiles. A particle count shall be conducted on the blended granite stockpile and trap stockpile. The percentage of trap rock in the granite production stockpile shall be subtracted from the particle count of the granite production stockpile for use in the above equation.

Exceptions to RSPV Program

Exception procedures to the polish value specifications are detailed in the Design Division Manual. Requests for exceptions must be processed through the Design Division on a project by project basis. Documentation of compliance with these procedures must be furnished to the Materials and Tests Division prior to the issuance of a test report that documents waiving of polish value requirement.

Blending of Concrete Fine Aggregate

Blended concrete fine aggregates will not be considered for AQMP acceptance. The Materials and Tests Division will maintain statistical ratings of acid insoluble quality test results only on a single-source basis. When blending of concrete fine aggregates is permitted by the user district, the following blending formula may be used to derive an equivalent acid insoluble for the composite material:

$$\text{Equivalent Acid Insoluble (\%)} = \frac{(A1)(P1) + (A2)(P2)}{100}$$

where:

A1 = acid insoluble of aggregate No. 1
A2 = acid insoluble of aggregate No. 2
P1 = percentage by weight of aggregate No. 1 in the blend
P2 = percentage by weight of aggregate No. 2 in the blend

Updating and Reporting of Rated Source Statistical Values

The rated source statistical values for the quality tests covered by AQMP will be published once every six months effective June 1 and December 1 as the Rated Source Quality Catalog (RSQC). The RSQC will be issued approximately 45 days in advance of the effective date of the catalog. The RSQC is intended to replace the Rated Source Polish Value (RSPV) catalog.

For rated sources where the statistical value changes with the issuance of a new RSQC, the effective date of the RSQC and the date of shipment of material are significant dates. Material shipped on or after the effective date of the RSQC will have the new RSQC statistical values. Materials shipped prior to the designated RSQC effective date will have the statistical values published in the previous RSQC.

The RSQC will be distributed to the districts, producers of sources on the AQMP, and prequalified contractors. Public access to the RSQC is also available through the Department's Construction Bulletin Board. Test data will be gathered for a six-month period ending three months prior to the catalog effective date. Upon completion of the quality tests, the

Materials and Tests Division will perform the statistical calculation and revise the rated source statistical values. Unless the new statistical rating fails to meet the Department's specification requirement, the current rating will remain until the effective date of the next RSQC.

If the AQMP or check sample produced a statistical value that fails to meet the Department's quality test specification requirement, the Materials and Tests Division will remove the aggregate product and its rating from the AQMP effective 60 days from the test reporting date. The Department's D9MIFILE and Construction Bulletin Board will reflect the current AQMP status of aggregate products. It shall be the user's responsibility to verify the aggregate product's AQMP status prior to use.

For informational purposes, the Materials and Tests Division reserves the right to calculate and publish the statistical value of the five most recent project sample test results from non-AQMP sources/products. A clear distinction will be made between AQMP and non-AQMP sources/products in the RSQC.

Selective Quarrying for High PV Aggregates

The Materials and Tests Division may allow special quarrying under AQMP for high PV aggregates to optimize the usage of natural resources if the requirements for "Check Sample" are met, and

- the source is located within the state of Texas or meets the Department's "sampling out-of-state aggregate sources" policy;
- the source has the ability to produce polish value of 35 or more;
- the source supplies polish aggregates to more than two districts;
- the Materials and Tests Division has determined that the geological condition at a quarry has a very distinctive stratification that clearly separates the polish characteristics of the formation;

Active Source

For the purpose of calculating the statistical values (ratings), an active source is defined as one having been tested for AQMP quality tests within the previous data gathering period.

Informational Source

An informational source is one which has not been tested for AQMP quality tests within the previous data gathering period. Such a source is not considered to be active on AQMP. Reference reports

cannot be issued more than six (6) months after an AQMP sample date. An informational source may be reactivated with a current statistical rating when:

- the test results of the most recent two project samples are consistent with its previous AQMP test history; and,
- the statistical rating of test results from the current AQMP sample, the most recent two project samples, and the most recent previous two AQMP samples satisfy the Department's standard specification requirements.

An informational source which has not been issued an AQMP or project test report by the Materials and Tests Division for more than two years will be removed from the AQMP. Once removed from the AQMP, the source can only supply aggregate product(s) to Department projects and requisitions on a test-prior-to-use basis. Reinstatement to an active status on the AQMP will require re-establishing a satisfactory project sample test history and meeting the AQMP acceptance criteria.

RATED SOURCE QUALITY CATALOG

(EFFECTIVE 12/1/95 TO 5/31/96)

PRODUCER	CODE	LOCATION	HMAC RSPV	HMAC RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	CONCRETE RSAI	CONCRETE OTHER
I. LIGHTWEIGHT											
TX Ind., Inc.	1817502	Streetman	48	21	4	6	-	-	FT 303,Gr 3=6.8 FT 303,Gr 4=4.8 FT 340,Ty D=3.0 PS = 2.0		
II. SANDSTONES											
Arkhola S & G	0050118	Preston	38	30	26	19	-	-	-		
Boorhem-Fields	0050437	Apple, OK	37	31	17	12	27	5	2	(100*)	Micro RSSM=24
Delta Matls	1402704	Brownlee	40	26	15	12	-	-	-		
Dolese Bros	0050411	Cyril, OK	43	36+	(31)	24	-	-	-		
III. LIMESTONES-DOLOMITES											
Alamo Conc.	1501516	Evans Rd.	-	-	-	-	(35)	(35)	(17)	4*	
Alamo Conc.(SW)	1424603	Weir	30	34	26	24	39	(23)	10	(8*)	
Amis Matls	0050407	Stringtown, OK	33	23	15	13	21	6	4	-	
Boorhem-Fields	0050434	Mill Creek	-	27	12	10	24	7	1	-	
Boorhem-Fields	1817504	Richland	32	33	(40)	(33)	-	-	-	-	
Burkett, Zack	0325204	Perry #2	31	30	20	15	-	-	-	-	

* Estimated source value. An actual statistical value will be applied when five complete sets of data are available.
( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Capitol Aggrs	1424604	Wood	30	32	26	19	36	15	6	(3*)	
Centex Matls	1410607	Ruby	33	33	30	22	33	(24)	(12)	-	
Colorado Matls	1504605	Hunter	30	31	21	18	32	18	10	1	
Contract Paving		N.E. pit	-	(30*)	(31*)	(29*)	-	-	-	-	
CSA	0722610	Maier	37	33	(30*)	(21*)	-	-	-	-	
Dolese Bros	0050412	Ardmore, OK	27	27	14	11	28	12	11	-	
Dolese Bros	0050414	Coleman, OK	28	28	13	12	23	7	3	-	
Dolese Bros	0050415	Cooperton, OK	27	28	6	5	27	4	2	-	
Dolese Bros	0050405	Richard Spur	30	28	13	12	26	9	3	-	
Dravo Basic	0050501	Three Rivers	30	28	19*	15	-	-	-	-	
Franklin Ind.Min	0901404	Nolanvile		(43)	(25*)	(23*)	-	-	-	-	
Gifford-Hill	1504603	New Braunfels	30	30	19	18	32	8	3	3	
Gifford-Hill	0224901	Perch Hill	27	27	10	6	26	3	2	3	
Jobe Concrete	2407201	McKelligon Dolo	29	26	15	13	27	8	2	-	
Lampasas		Kempner	-	-	-	-	-	-	-	(11*)	

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( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Lattimore	0050430	Coleman	-	28	7*	5	27	2	1	-	
Luhr Bros	0050601	Tower Rock	36	35	30	22	(40)	(19)	(14)	-	
Marock	0224921	Chambers	-	35	30	25	(29*)	(14*)	(9*)	-	
Pioneer Aggrs	0224902	Bridgeport	31	33	25	22	33	12	3	2	
Pioneer Aggrs	1402701	Clinton	25	23	3	2	17	1	1	-	
Pioneer-Chico	0224905	Davis	28	28	14	13	30	7	5	2	
Price Constr.	0708802	Clements	34	29	(33)	25	-	-	-	-	
Quarry Matls		SH 211	-	(35*)	(10*)	(8*)	-	-	-	-	
Redland Stone	1501503	Beckmann	32	34	20	16	36	10	4	2	
Reed Cr. Stone	0050502	Reed	-	(24*)	(4*)	(2*)	(22*)	(2*)	(1*)	-	
Smith Cr. Stone	0914708	Bullard	41	32	10	7	(29*)	(4*)	(2*)	-	
Sunbelt	1504602	New Braunfels	28	31	15	11	34	8	5	3	
Sun City		Hueco		(25*)	(18*)	(17*)	-	-	-	-	
Tex Cr Stone	1424602	Feld	33	33	16	14	32	7	4	-	
Tex Industries	0224904	Bridgeport	32	30	24	17	31	13	5	2	

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EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Thompson, J. R.	0316905	Nunnely	38	36+	(65)	(63)	-	-	-	-	
Vulcan Matls	0822107	Black	33	34	(41)	(38)	-	-	-	-	
Vulcan Matls	2302501	Brownwood	-	24	10	8	27	12	4	3	
Vulcan Matls	2306805	Eastland	-	28	11	7	29	12	4	-	
Vulcan Matls	0218409	Kelly	30	30	21	17	26	10	8	-	
Vulcan Matls	1501506	FM 1604	30	29	18	16	33	17	11	3	
Vulcan Matls	1501514	Helotes	32	34	24	24	31	17	9	4	
Vulcan Matls	1501507	Huebner Rd	30	29	11*	10	33	10	6	2	
Vulcan Matls	1523205	Smyth	40	36+	29	22	-	-	-	-	
Vulcan Matls	0040102	Sactun	34	28	15	12	32	7	2	-	
Word, Dean	1402702	Dow Chemical	25	31	10	8	30	4	1	-	
Young Bros		Mexia	-	(38)	(47)	(39)	(35*)	(24*)	(15*)	-	
IV. CALICHE											
Trinity Matls	0615601	Tubbs	40	38+	(46*)	(41)	(32)	(29)	(29)	-	

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EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	CONCRETE RSAI	OTHER
V. NOVACULITE											
Herzog Stone	0050115	Hatton,AR(NOVA)	34	24	11*	9	-	-			
VI. GRAVELS											
Alamo Ready Mix	1516302	Mumme	-	-	-	-	28	4	3	5	
Alto Bonito	2121401	La Grulla	29	20	8*	5	21	10	5	83	
Arnold, Mike	1307604	Zapalac					(28*)	(3*)	(1*)	95	
Arnold, Mike	1304527	Burnham Ferry					(24*)	(3*)	(1*)	(96*)	
B & B Grvl	1304528	Bunge					25	4	1	99	
Baker, E. D.	0411807	Johnson	32	37+	15	7	35	8	2	(98*)	
Bay Inc.	2106706	Sweet 16	31	20	5	4	18	5	2	-	
Bay Inc.		Freeborn								(97*)	
Borger S & G	0411801	Spring Creek	31	35	27	20	32	15	9	90	
Brazos Point Inc	0901802	Brazos Point	28	25	16	14	27	15	11	66	
Bryan Co. S & G	0050401	Yuba, OK								98	
C & C Matls	2124015	Buena Vida Rnch								83	

* Estimated source value. An actual statistical value will be applied when five complete sets of data are available.
( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Capitol Aggrs	1422702	Bolm Rd.	-	-	-	-	27	6	4	84	
Capitol Aggrs	1501515	Loop 1604 E., #2	-	20	3	1	24	1	1	39	
Capitol Aggrs	1501518	Loop 1604 W.	-	23	3	4	24	2	1	30	
Capitol Aggrs	0723301	Del Rio	30	22	4	3	24	3	3	54	
Centex Ready Mix	0901402	Leon River	-	-	-	-	30	16	7	44	
Cle-Tex		San Jacinto R	-	-	-	-	-	-	-	(100*)	
Cle-Tex		Wiskey Branch	-	-	-	-	-	-	-	(99*)	
Collier	1402703	Richter	-	-	-	-	-	-	-	(95)	
Crockett S & G	1715401	Midway	-	22	10*	7*	25	7	6	95	
Curry	2306804	Eastland	-	-	-	-	-	-	-	98	
Eagle S & G	1515902	Eagle Pass	-	-	-	-	25	3	2	53	
E & A	0050406	Waurika	-	-	-	-	-	-	-	89	
E. Tx Matls	1010803	Creslenn	-	25	12	9	25	7	6	81	
Elder Ind.		Magnolia Sprgs	-	-	-	-	-	-	-	100	
Espy Silica	1500704	Espy	-	-	-	-	-	-	-	99	

* Estimated source value. An actual statistical value will be applied when five complete sets of data are available.
( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Elm Creek Matls	0720003	Mansel	-	-	-	-	-	-	-	72	
Fordyce Co.	1323501	Briggs	-	-	-	-	19	6	1	94	
Fordyce Co.	1323502	Chipley	-	-	-	-	20	3	1	95	
Fordyce Co.	2110904	Showers	29	26	17	12	21	12	4	82	
Gifford-Hill	1702101	Benchley	-	-	-	-	-	-	-	87	
Gifford-Hill	1805716	Cobb #4	-	32	21	17	28	11	4	75	
Gifford-Hill	0050116	Delight	33	22	7	5	25	8	6	100	
Gifford-Hill	0050119	Eagle Mills	32	22	5	6	26	9	3	-	
Gifford-Hill	1807101	Ferris	-	-	-	-	29	15	8	74	
Gifford-Hill	0050114	Little River	35	23	7	5	27	8	2	100	
Gifford-Hill	0050428	Seitz	-	-	-	-	-	-	-	82	
Gifford-Hill	0050206	Sibley	-	-	-	-	-	-	-	(98*)	
Gifford-Hill	0916101	Stewart	-	27	15	17	28	9	9	70	
Gilvin-Terrell		Attabury		(27*)	(11*)	(9*)	-	-	-	-	

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( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	HMAC		ST	CONCRETE				
			RSPV	RSLA	RSSM	RSSM	RSLA	RSSM	RSSN	RSAI	OTHER
Gilvin-Terrell		Mansfield		(30*)	(15*)	(12*)	-	-	-	-	
Gilvin-Terrell		Roach		(32*)	(12*)	(10*)	-	-	-	-	
H & B Contrs		Ramos		-	-	-	-	-	-	(80*)	
Hallett Matls	1217007	Porter	-	-	-	-	-	-	-	100	
Hallett Matls		Porter #2	-	-	-	-	-	-	-	(100*)	
Holsey S & G	1010801	Jomac	-	-	-	-	-	-	-	75	
Hope S & G	0050426	Bryan Co.	-	-	-	-	-	-	-	100	
Ingram Ent.	0221305	Glen Rose	-	-	-	-	29	15	5	87	
Ingram Gravel	1516308	Hondo-Devine	-	-	-	-	27	4	2	9	
Ingram RdyMix	1513305	Drymala	-	-	-	-	28	6	2	-	
Janes, R. E.	0822104	Blackburn	-	23	9*	8	25	5	4	63	
Janes, R. E.	0801701	Goode-Anderson	-	25	9	6	26	8	2	89	
Janes, R. E.	0505402	Woods (uncrush)	28	27	30	25	28	(25)	(16)	69	
Jobe Conc Prod	2407203	Newman	-	-	-	-	-	-	-	99 R	
Jobe Conc Prod	2407216	Section 10	-	-	-	-	-	-	-	98	

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( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Kennedy S & G	1901902	Kennedy	-	-	-	-	27	6	2	100	
Kennedy S & G	0050120	Lockesburg	-	-	-	-	23	8	5	100	
King S & G	1010804	King	-	-	-	-	27	9	5	84	
La Grange C & A	1307601	Kirtley	-	-	-	-	28	5	1	94	
Lampasas	1402708	Oakalla	-	-	-	-	31	(19)	12	18	
Lattimore	0109201	Ambrose	-	-	-	-	-	-	-	97	
Leyendecker	2124010	Dolores Ranch	-	-	-	-	19 R	4	1	96 R	
Leyendecker	2124014	Tasitas	29	21	8	3					
LA Ind.	0050201	Anacoca	-	-	-	-	19	2	1	100	
Matador Matls	2517307	W Campbell	34	36+	26	20	29	(20)	9	73	
McMahon RdyMx	0811511	McMahon	-	-	-	-	28	6	3		
Milligan	0411808	Coon	-	31	14	13	-	-	-	-	
Milligan	0418813	Kritser,B-54		(25*)	(16*)	(13*)	-	-	-	-	
Mineral Wells		Brazos R	-	-	-	-	-	-	-	(85)	
Morris S & G	1217009	Woodlands	-	-	-	-	-	-	-	96	

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( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Palo Alto	1500702	Pit #2	-	-	-	-	-	-	-	95	
Pappy's S & G	1813002	Rosser	-	-	-	-	-	-	-	76	
Phipps S & G	0618601	Grand Falls	-	-	-	-	22	4	1	69	
Pioneer	1304509	Arena	-	-	-	-	24	4	1	99	
Pioneer	1208003	Brookshire	-	-	-	-	25	8	2	94	
Pioneer	1217008	Spring	-	-	-	-	-	-	-	99	
Pioneer	1304504	Blue Roan Bend	-	-	-	-	24	2	1	96	
Pioneer	2014610	Dolan	-	-	-	-	-	-	-	100	
Pioneer	1304505	Eagle Lake	-	-	-	-	25	2	1	99	
Pioneer	1304531	Stafford	-	-	-	-	24	4	1	100	
Pioneer	1217006	Woodlands	-	-	-	-	28	2	1	100	
Pitcock	0325202	Bunger	-	-	-	-	31	14	6	88	
Porter S & G	0623802	Porter	-	-	-	-	25	8	3	71	
Price		Benavides	-	(18*)	(7*)	(3*)	-	-	-	-	
Red R S & G	0050429	Waurika	-	-	-	-	-	-	-	91	

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EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	RSLA	CONCRETE RSSM	RSSN	RSAI	OTHER
Redland	1500703	Poteet	-	-	-	-	-	-	-	95	
Sanco Matls	0704110	Blackburn	-	24	8	3	25	3	1	86	
Schneider Matls		Cleveland	-	-	-	-	-	-	-	(100*)	
Schneider Matls		Humble	-	-	-	-	-	-	-	(99*)	
Schneider Matls		Waller	-	-	-	-	-	-	-	(100*)	
Services, J. B.	2014611	Belcher	-	-	-	-	-	-	-	99	
Shamrock	2509701	McAlreath	-	-	-	-	-	-	-	89	
S. Texas Aggrs	1523209	Knippa	28	28	3	2	26	2	1	7	
S. Texas Resourc	1307603	Adamcek	-	-	-	-	27	2	1	96	
Southern Matls	1422708	Ramirez Lane	-	-	-	-	29	7	3	84	
S Western State	0050436	Snyder	-	-	-	-	-	-	-	95	
Star Sand	1501517	Star	-	-	-	-	-	-	-	95	
Stevens, Roger	1501001	Bandera	-	-	-	-	28	5	3	7	
Tex Industries	1422701	Green	-	-	-	-	27	.5	5	83	
Tex Industries	0222004	Hatton-Sumner	-	-	-	-	-	-	-	(73*)	

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( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Tex Industries	0224919	Paradise	-	-	-	-	-	-	-	(47)B	
Tex Industries	0218407	Tin Top	-	-	-	-	26	5	2	90	
Texsand Gravel	0817702	Hillsdale	-	21	14*	9	30	13	10	70	
Tex S & G	0418001	Mansfield	35	35	22	15	32	13	8	89	
Tex S & G	0418812	Krister-Fain	-	-	-	-	(34)	(21)	(10)	95	
Thrasher S & G	2517302	Thrasher	-	30	12*	10	-	-	-	-	
Trans-Pecos	0619502	Hoban	38	31	16	13	19 R	8	1		MICRO RSSM=14
Trans-Pecos	0618607	Imperial	-	-	-	-	-	-	-	76	
Trinity Matls	0916104	Luckett		24	12	10	28	9	5	84	
Trinity Matls	0916105	Waco W Plant 216	-	26*	20*	20*	29	(28)	(10)	77	
Trinity Matls	2014604	Rye	-	-	-	-	-	-	-	100	
Trinity Matls	1805710	E. Fork #53	-	26	13	11	28	9	9	69	
Trinity Matls	1817505	Valley Farms	-	-	-	-	-	-	-	80	
Trinity Matls	0224909	Newark	-	-	-	-	-	-	-	93	

Estimated source value. An actual statistical value will be applied when five complete sets of data are available.
) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
Trinity Matls	0212701	Cleburne	-	-	-	-	28	14	11	71	
Trinity Matls		Chatfield	-	-	-	-	-	-	-	(75*)	
Troy Vines	0623805	Vines	-	-	-	-	20	5	1	68	
Tufco	0911001	Whitney	-	-	-	-	-	-	-	84	
Upper Valley	2110905	D. Garcia	30	26	23	16	25	18	3	74	
Valley Caliche	2110901	Beck	27	28	24	21	19	10	8	75	
Vega S & G	0418002	Tom Green	33	31	14	10	(29)	(12)	(11)	(84)	
Weirich Bros.	0713408	Bobby Davis	-	26	9	4	27	3	2	7	
Weirich Bros.	1408702	Boerner	-	32	10*	8	30	12	5	65	
Western S & G	0418802	Box Canyon	32	34	25	24	32	(31)	(25)	87	
Western S & G	0418004	Tascosa	33	29	14	10	32	13	7	89	
Wright Matls Co	2106701	Realitos	29	18	2	1	18	2	1	98	
Wright Matls Co	1617807	FM 3088	-	-	-	-	22	12	4	94	
Wright Matls Co	1617806	Klatt	-	-	-	-	-	-	-	97	
Young Bros		FM 1860	-	-	-	-	(24*)	(12*)	(10*)	(77*)	

* Estimated source value. An actual statistical value will be applied when five complete sets of data are available.
( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

EFFECTIVE 12/1/95 TO 5/31/96

PRODUCER	CODE	LOCATION	RSPV	RSLA	HMAC RSSM	ST RSSM	CONCRETE RSLA	CONCRETE RSSM	CONCRETE RSSN	RSAI	OTHER
VIII. IGNEOUS ROCKS											
Granite Mtn.	0050106	Sweet Home, AR	27	29	5	3	(26*)	(2*)	(1*)		
Herzog Stone	0050121	Hatton,AR(Tuff)	36	22	18	16	-	-	-		
Jobe Concrete (granite)	2407206	McKelligon	33	40	22	14	(30*)	(5*)	(2*)		
Meridian Aggrs (trap rock)	0050438	Mill Creek, OK	33	30	4	3	-	-	-		
## Meridian Aggrs (granite)	0050433	Mill Creek, OK	30	32	4	3	-	-	-		
Meridian Aggrs	0050435	Snyder, OK	31	24	6	6	(23*)	(2*)	(1*)		
Vulcan Matls	1523206	Knippa	32	14	8	4	-	-	-		
Western Rock	0050309	Pedernal	38	15	8	4	-	-	-		

- This aggregate product consists of two materials, crushed granite and crushed trap rock, which are quarried out of the same pit. In order to use this source for polish value material, a particle count of the total coarse aggregate is necessary. The polish values of the individual materials are then used in the blend formula to deterimine if the blend of material will meet the polish value specification. The trap rock contained in the stockpile shall be considered as granite.

* Estimated source value. An actual statistical value will be applied when five complete sets of data are available.
( ) Not on AQMP. + HMAC Only. R Alkali Reactive Concrete Aggregate.

APPENDIX

Sources With Skid Histories

These sources have been tested for Skid and are elligible for individual project approval by the Design Division Pavement Section, based on roadway traffic volumes. Questions concerning sources not on this list should be directed to the District Laboratory Engineer/Supervisor in which the source is located, or is a primary user.

PRODUCER	CODE	SOURCE
Alto Bonito	2121401	La Grulla
Bay, Inc.	2106705	Bruni
Bay, Inc.	2106706	Sweet 16
C & C Matls	2124015	Buena Vida Ranch
Colorado Matls	1504605	Hunter
Flint Crushing		Benivides Ranch
Fordyce Gvl Co.	2110903	Spaulding
Fordyce Gvl Co.	2110904	Showers
Gifford-Hill	1504603	New Braunfels
Laredo Ready Mix	2124002	La Bota
Leyendecker Matls	2124012	Jacobs
Leyendecker Matls	2124008	Reuthinger
Leyendecker Matls	2124014	Tasitas

Sources With Skid Histories - Continued

Leyendecker Matls	2124013	Uniroyal
Upper Valley Matls	2110905	D. Garcia
Valley Caliche Prod	2110901	Beck
W.T.Liston (Crow Gvl)	2110902	LaJoya
Wright Bros	2106701	Realitos

COPY

Texas Department of Transportation

AVIATION DIVISION
125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/416-4500 • FAX 512/416-4510

January 10, 1996

Mr. Ronald Whitehead
City Manager
5300 Belt Line Road
Addison, TX 75240

Dear Mr. Whitehead:

Recently, the Texas Department of Transportation (TxDOT), Aviation Division, held a regional planning meeting in your area. At the meeting we discussed several airports in the region. Enclosed are the notes from the meeting relating to your airport as well as the revised development worksheets for your airport. Since the development worksheets are the basis for programming decisions, it is important that you review the worksheets and if you have any questions or concerns, please call me.

Thank you for your interest in aviation and the TxDOT. We look forward to working with you in the future.

Sincerely,

Charles Riordan

Charles Riordan
Airport Planner

Enclosure

Arlington Regional Planning Meeting
June 29, 1995

DALLAS COUNTY -Addison Airport (Dallas)

Attendees:

Edward Morales	Addison Airport Manager
Kurt Horn	Assistant Airport Manager
John Hill	Assistant City Attorney
Kirk Hemphill	Senator Royce West's Office
Gilbert Ybarra & Dick Bonner	Kimley-Horn
Chris Klaus & Julie Dunbar	NCTCOG
Tami Buch & Joe Washington	FAA
Mike Nicely	FAA
James Huffman & Curtis Oppermann	TxDOT - Dallas District
Dave Fulton & Charles Riordan	TxDOT - Aviation Division
George Dresser	TTI (Moderator)

Edward Morales began by mentioning that the Addison Airport, like most reliever airports, is unable to get funding this year due to the AIP funding cuts. Three major things are happening on the immediate horizon: a master plan is in the process of being funded, the control tower is being relocated, and they would like to build a parallel taxiway on the west side with an alternate use runway designation. This would improve capacity, safety, and efficiency. On Friday afternoons and Saturday mornings, there is a slight backup at north end for departures and arrivals. These projects will segregate some of the corporate traffic from the light twin and small single engine aircraft.

Jet activity at the airport is very active and general aviation is doing extremely well in the north Dallas region. Fuel sales are up, and they would like the state to help with a GPS approach as soon as possible.

The tollway authority is planning to construct a east/west toll road connecting the belt line with the north Dallas toll road. The connecting toll road will run underneath the airport, and the anticipated toll will be fifty cents.

The Addison Airport is the third busiest GA airport in the U.S. and with the exception of the military, probably the busiest single runway airport in the country. The airport has seven hundred twenty-five based aircraft and is self sufficient. With as many aircraft as the airport has, there are an average of two noise complaints a month. The Dallas Mavericks' DC-9 is based at Addison, and the community is pretty active is promoting the benefits of the airport. The airport has 170,000 annual operations, with no local operations. Everything is an arrival or a departure.

Texas Airport System Plan
Airport Development Worksheet

AIRPORT DESCRIPTION

Printed 12/21/95 Revised 06/21/95

Airport: Addison
Associated City: Dallas

County: Dallas
Airport ID: ADS

	Current	0-5	06-10	11-20
Design Standards	T	T	T	T
Airport Reference Code:		C-III		
Runway Type:		P		
Aircraft Size:	L			
State Role:	T			
Service Level:	RL			

Annual Activity

Year	95
Operations:	172000
Year	0
Enplanements:	0

Based Aircraft

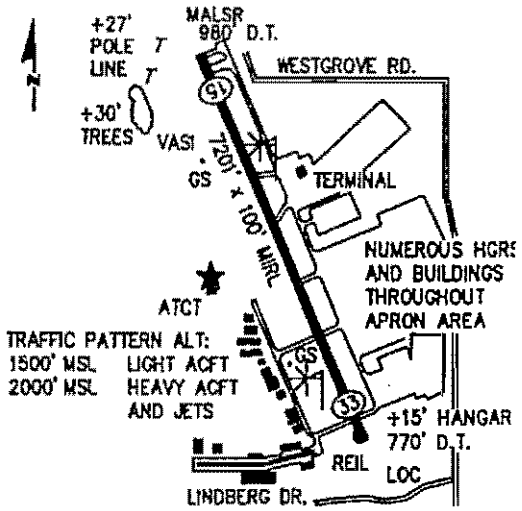
Total	725
Multi-Engine	100
Jet	70
Helicopter	15
Date Reported	06/08/95

Airport Data

Sponsor: City
NPIAS No.: 48-0063
Site No. 23710.3A
Approach: CAT-I
Approach Mins.: 250-1
Approach Rwy: 15/33
Altimeter: Y
Temperature: 96
Elevation: 643
Public: Y
PRI RW Wind Coverage: .91

Airport Sketch

(ADS)



Note:

Plans Completion Date

ALP 12/15/94 AMP 08/01/91 Regional 07/03/91

Texas Airport System Plan
Airport Development Worksheet

DEVELOPMENT BY TIME PERIOD

Printed 12/21/95

Airport: Addison
Associated City: Dallas

Revision Date
06/21/95

Project Description — Time Period: 0-5	Project Cost ($000)	Const Type	Object Code	Airport Comp	Prior	Active* Proj
Acquire property for west side parallel TW construction	500.0	LAND	CAPT	PTXY	173	N
Acquire property or RW protection zone easements for approaches (118 acres)	11815.0	LAND	CAPT	OLSD	167	N
Construct connector TW and run-up area serving TW AA	130.0	PAVE	CAPT	STXY	171	N
Reconstruct existing connector TW and modify existing TW fillets	44.0	PAVE	RECN	STXY	174	N
Rehabilitate existing parallel TW and connector TW's and install MITL	1100.0	PAVE	PRSV	PTXY	178	N
Rehabilitate, groove, and mark RW 15-33 and install MIRL	2300.0	PAVE	PRSV	PRWY	179	N
Construct west side parallel TW with connector TW's, fillets and MITL	3718.0	PAVE	CAPT	PTXY	175	N
Install PAPI RW 33	50.0	AAID	STDS	PRWY	174	N
Replace existing VASI RW 15 with PAPI	50.0	AAID	UPGR	PRWY	173	N
Install ILS with ALS on RW 15	500.0	AAID	STDS	PRWY	174	N
Install lighted wind cone and segmented circle	5.0	AAID	STDS	ANAS	170	N
Install security fencing with security access system	510.0	OTHR	SAFE	OLSD	167	N
Construct east side fuel truck service road	268.0	OTHR	STDS	ANAS	167	N
Construct perimeter road (0.9 miles)	80.0	OTHR	CAPT	OLSD	162	N
Rehabilitate fuel farm	500.0	OTHR	PRSV	ANAS	168	N

Time Period: 0-5 Total Cost $21570.0

Project Description — Time Period: 06-10	Project Cost ($000)	Const Type	Object Code	Airport Comp	Prior	Active* Proj
Acquire land for fuel farm expansion (0.9 acres)	1000.0	LAND	CAPT	ANAS	170	N
Construct connector TW serving west side parallel TW	167.0	PAVE	CAPT	SRWY	172	N
Construct apron/TW for west side executive hangars	117.0	PAVE	CAPT	APRN	174	N
Construct apron/TW for west side T-hangars	400.0	PAVE	CAPT	APRN	174	N
Construct apron/TW for east side T-hangars	386.0	PAVE	STDS	APRN	176	N

Printed 12/21/95

DEVELOPMENT BY TIME PERIOD

Airport: Addison
Associated City: Dallas

Revision Date
06/21/95

Construct apron/TW for east side executive hangars	97.0	PAVE	STDS	APRN	176	N
Construct apron for FBO hangar expansion	44.0	PAVE	STDS	APRN	176	N
Construct corporate/FBO hangar apron	234.0	PAVE	STDS	APRN	176	N
Extend east side parallel TW with lighting and run-up area	245.0	LITE	CAPT	PTXY	174	N
Relocate ATCT and rotating beacon	4000.0	AAID	STDS	ANAS	170	N
Raze existing hangars within proposed east side T-hangar and executive hangar development area	72.0	OTHR	STDS	HANG	166	N
Install/modify security fencing	6.0	OTHR	SAFE	OLSD	167	N
Construct apron/TW drainage improvements	100.0	OTHR	PRSV	APRN	170	N
Construct 9 west side executive hangar units with auto parking	781.0	BLDG	CAPT	HANG	166	N
Construct 27 west side T-hangar units	467.0	BLDG	CAPT	HANG	166	N
Construct 31 east side T-hangar units	536.0	BLDG	CAPT	HANG	166	N
Construct 16 east side executive hangar units with auto parking	1068.0	BLDG	CAPT	HANG	166	N
Construct FBO hangars	640.0	BLDG	CAPT	HANG	166	N
Construct corporate/FBO hangars with auto parking	1469.0	BLDG	CAPT	HANG	166	N

Time Period: 06-10 Total Cost $11829.0

Project Description Time Period: 11-20	Project Cost ($000)	Const Type	Object Code	Airport Comp	Prior	Active* Proj
Construct apron/TW for west side executive hangars	237.0	PAVE	CAPT	APRN	174	N
Construct apron/TW for west side FBO hangar	481.0	PAVE	CAPT	APRN	174	N
Construct apron/TW for east side T-hangars	147.0	PAVE	CAPT	APRN	174	N
Construct apron/TW for east side executive hangars	67.0	PAVE	STDS	APRN	176	N
Construct apron/TW for east side T-hangars	15.0	PAVE	STDS	APRN	176	N
Construct corporate/FBO hangar apron	70.0	PAVE	STDS	APRN	176	N
Construct corporate hangar apron	207.0	PAVE	STDS	APRN	176	N

DEVELOPMENT BY TIME PERIOD

Airport: Addison
Associated City: Dallas

Revision Date
06/21/95

Raze existing hangars within proposed east side T-hangar/executive hangar development	9.0	OTHR	RECN	HANG	167	N
Install/modify security fencing	40.0	OTHR	SAFE	OLSD	167	N
Construct apron/TW drainage improvements	100.0	OTHR	PRSV	APRN	170	N
Construct 17 west side executive hangar units with auto parking	1532.0	BLDG	CAPT	HANG	166	N
Construct west side FBO hangar with auto parking	423.0	BLDG	CAPT	HANG	166	N
Construct 20 east side T-hangar units	346.0	BLDG	CAPT	HANG	166	N
Construct 12 east side exectutive hangar units with auto parking and access roadway	752.0	BLDG	CAPT	HANG	166	N
Construct 10 east side executive hangar units with auto parking	208.0	BLDG	CAPT	HANG	166	N
Construct corporate/FBO hangar with auto parking	621.0	BLDG	CAPT	HANG	166	N
Construct 6 corporate hangar units with auto parking	1736.0	BLDG	CAPT	HANG	166	N

Time Period: 11-20 Total Cost $6991.0

Time Period 0-20 Total Cost $40390.0

* Active projects are omitted from totals. All costs are computed by a 3 year inflation factor for planning purposes; however; 0-5 time frame could report higher costs due to actual engineering estimates.

Printed: 12/21/95

PROJECT HISTORY

Airport: Addison
Associated City: Dallas

FYR	No.	Federal	State	Local	Item Description
1976	1	$4,900,000	$0	$0	Acquire land;;
1977	2	$2,300,000	$0	$0	Land;;
1979	3	$260,000	$0	$0	Land;reroute powerlines;install fencing, drainage, lighted wind cones, and lighting controls
1980	4	$500,000	$0	$0	Land;construct and mark TW;
1980	4	$500,000	$0	$0	Land;construct and mark TW;
1987	1	$162,000	$0	$0	FAR Part 150 Noise Compatibility Plan Study and Master Plan Study;;
1990	2	$400,000	$0	$0	Install security fencing.
1992	4	$1,550,000	$0	$0	Rehab RW 15-33 & MIRL, upgrade MIAL System with RAIL (MALSR)

Texas Department of Transportation

P.O. BOX 3067 • DALLAS, TEXAS 75221-3067 • (214) 320-6100

12000 Greenville Avenue, Dallas, Texas 75243
February 5, 1999

Subject: Notification for Annual Utility Meeting

John Baumgartner
Director of Public Works
Town of Addison
P.O. Box 9010
Addison, Texas 75001-9010

Dear Mr.Baumgartner:

The adjustment of existing utility facilities is an integral factor in road construction and design. The inability to provide for efficient relocation of these utility facilities can create delays in project letting and/or delays during the construction phase, resulting in increased construction cost and contractor claims.

The Texas Department of Transportation (TxDOT) has adopted the "TxDOT-Utility Cooperative Management Process" to improve communication, cooperation and coordination. This process is a partnership between TxDOT and the Utility industry. The Annual Utility Meeting is the first step in this process.

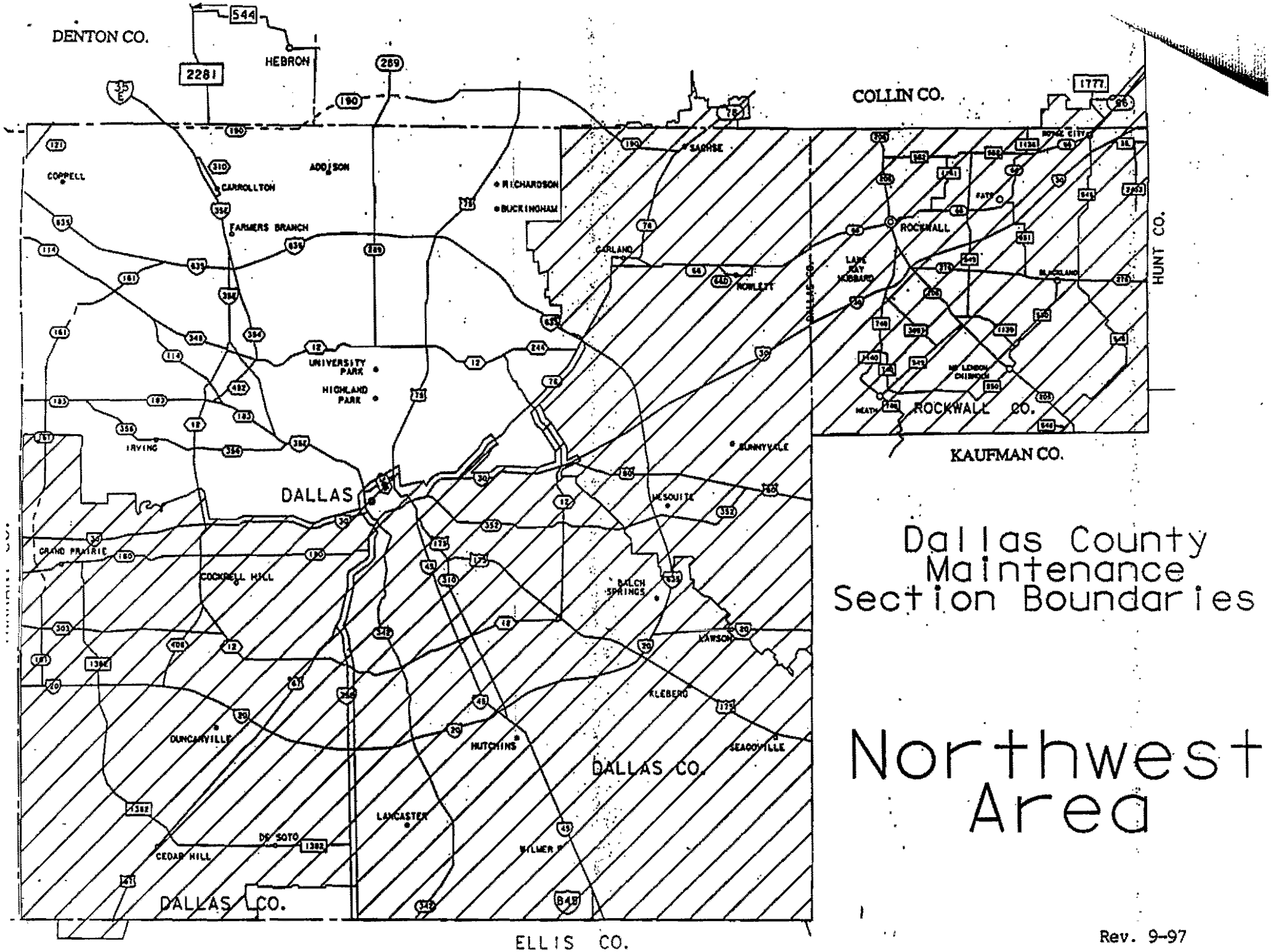
At 2:00pm on Thursday, February 18, 1999 the First Annual Utility Meeting for TxDOT's Northwest Area Office will be held. The meeting will be held in the maintenance assembly room located at the Northwest Area Office, 12000 Greenville Avenue, Dallas, Texas. This meeting is intended to provide a forum for discussion of the proposed TxDOT construction schedule. Attached for your information are listings and maps of the proposed projects. This meeting will discuss only the projects that are within the noted area on the attached map.

Please review the listings and maps so that major utility concerns can be addressed at the meeting. Please call me at (972) 235-7797 if you have any questions or comments.

Sincerely,

Larry D. Tegtmeyer, P.E.
Dallas Co. Northwest Area Engineer

Attachments



Dallas County Maintenance Section Boundaries

Northwest Area

Rev. 9-97

FY 1999 NORTHWEST DALLAS COUNTY DESIGN PROJECTS

HWY	LIMITS	CSJ	LENGTH	FUND. CAT.	WORK DESCRIPTION	LET DATE	PRIORITY	ROW CLEAR	UTIL CLEAR	COMMENTS	COST	AREA OFF. PRIORITY
MH	Spring Valley Rd. At US 75	8075-18-005	0.625mi	17	Construct 3 Level Direct Connection Interchange	6/99	1	No	?	054	$8,700,000	1
IH 35E	At Sandy Lake Rd.	0196-03-200	0.001km	2	Intersection Improvements	4/99	1	Yes	12/98	054	$1,849,130	2
SH 183	Overpass of Esters Rd.	0094-03-070	0.204km	6A	Replace Bridge and Approaches	7/99	1	Yes	?	054	$3,500,000	3
US 75	At Galatyn Crossing	0047-07-176	0.161km	16C	Construct Interchange	2/99	1	Yes	11/98	054, Consultant	$5,691,034	4
MH	On Royal Ln. From Skillman St. to West of Audelia Rd.	8079-18-005	0.264mi	11	Extend Royal Ln. on New Loc. as a 6 Lane Divided	4/99	1	No	5/99	070	$1,233,735	5
CS	On Regal Row, CRI & P RR to IH 35E	0918-45-234	2.100mi	4C	Widen 4 Lane Facility to 6 Lane Facility	6/99	1	No	?	070	$7,242,000	6
MH	On Luna Rd. from S of IH 635 to N of Royal Ln.	8037-18-006	0.858km	17	Widen 2 Lane Facility to 6 Lane Facility	6/99	1	No	?	070	$2,037,742	7
IH 635	At The Dart Light Rail Bridge	2374-01-114	0.014km	4C&12	Replace,Lengthen, & Widen Light Rail Bridge	6/99	1	?	?	054	$7,058,000	8
IH 635	Miller Rd./Royal Ln. to 0.800 km South	2374-01-112	0.608km	4C&12	Addtn.of 2 Ramps to Comp. Full Diamond, Widen Bridge	8/99	1	?	?	065, Consultant	$2,233,619	9
MH	On Luna Rd. from Belt Line Rd. to Old Denton Rd.	8037-18-002	1.140mi	17	Extend Luna Rd. on New Locat. as a 6 Lane Divided	5/99	1	No	6/99	070, Consultant	$8,000,000	10
LP 12	From Boedecker to Dallas North Tollway	0353-05-098	2.168mi	14	Rehabilitate Existing Road	2/99	1	Yes	N/A	054	$3,172,604	11

FY 2000 NORTHWEST DALLAS COUNTY DESIGN PROJECTS

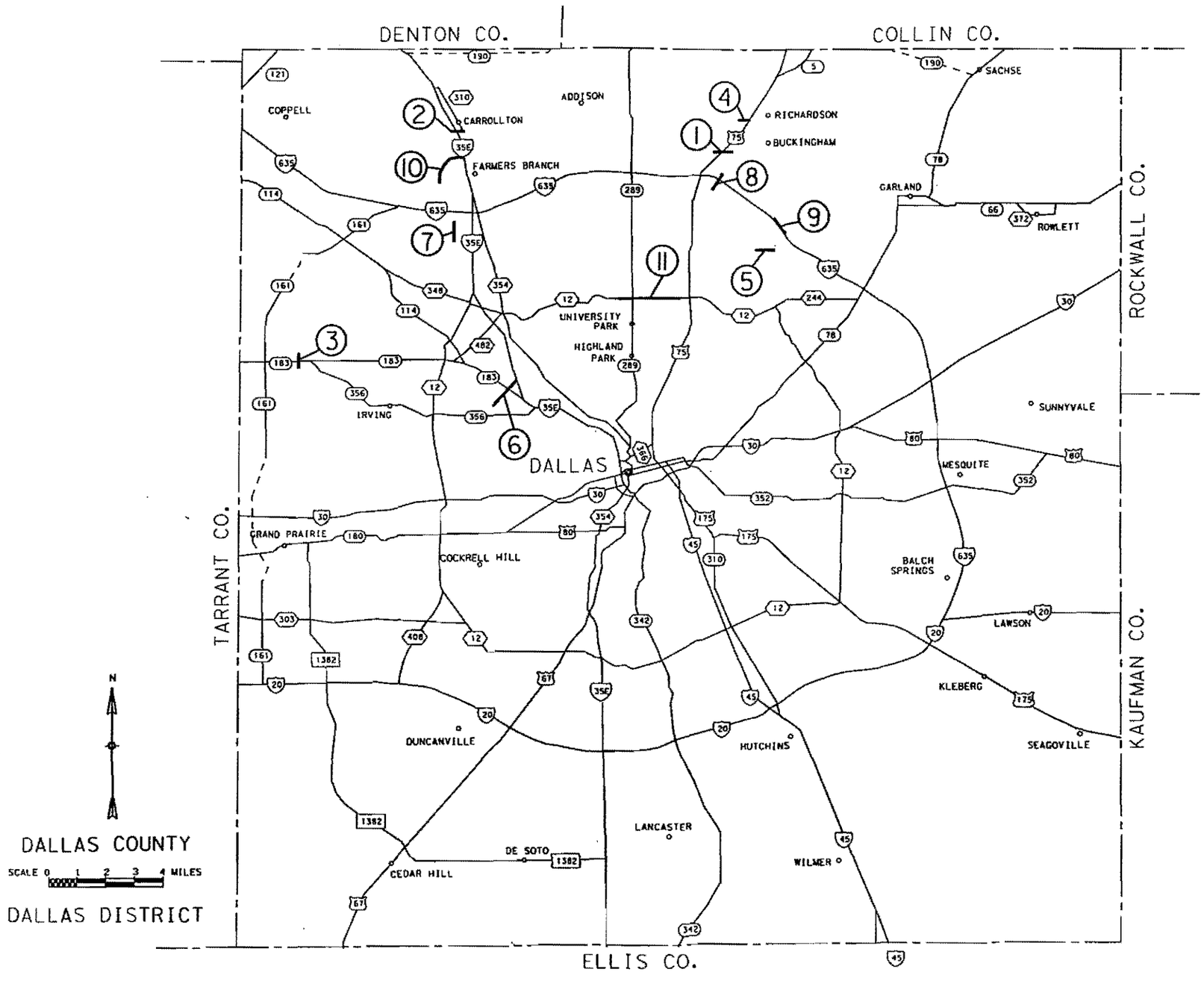
HWY	LIMITS	CSJ	LENGTH	FUND. CAT.	WORK DESCRIPTION	LET DATE	PRIORITY	ROW CLEAR	UTIL CLEAR	COMMENTS	COST	AREA OFF. PRIORITY
IH 635	At US 75 - IH 635 I/C	2374-01-069	1.243mi	3A	Reconstruct US 75 -IH 635 I/C w/Hov Conn. (Phase I)	7/00	1	?	?	070, Consultant	$27,879,000	1
SH 289	At Campbell Rd.	0091-06-033	0.100mi	5	Intersection Improvements	12/99	1	Yes	?	054	$2,000,000	2
SH 289	On Arapaho Rd. at Preston Rd.	0091-06-036	0.001km	5	Northbound & Southbound Dual Left Turn Lanes	12/99	1	No	N/A	054	$145,000	3
SH 289	At Spring Valley	0091-06-039	0.100km	5	Intersection Improvements	6/00	1	No	2/01	054	$270,000	4
SH 289	On Harvest Hill Rd. at Preston Rd.	0091-06-037	0.100mi	5	Eastbound Left Turn Pocket and Right Turn Lane	9/99	1	?	?	054	$62,000	5
MH	On Belt Line Rd. at Railtran	8050-18-037	0.400mi	17	Construct.Grade Separation	3/00	2	No	12/01	070	$6,139,000	6
SH 161	S. of MacArthur to N. of IH 635	2964-01-015	7.840mi	3A	Construct. Interchange	1/00	1	?	?	054, Consultant	$37,500,000	7
LP 354	From Royal Ln. to Dallas N. City Limit	0196-06-017	1.420mi	4C	Widen 4 Lane Facility to 6 Lane Divided Urban	6/00	1	?	?	052	$6,000,000	8
IH 635	From Montfort Rd. to Jupiter Rd.	2374-01-111	14.00km	3E	6 Intersection Improvements	3/00	2	?	?	065	$1,488,464	9
CS	On Denton Dr, Lombardy Ln to Farmers Branch City Lim.	0918-45-236	4.940mi	4C	Widen 2 Lane Facility to 4 Lane Divided Urban	12/99	1	Yes	8/00	070, Consultant	$11,083,829	10
MH	On Hampton Rd/Inwood Rd. from Canada to Harry Hines	8043-18-005	2.993km	4C	Reconstr. 4 Lane Facility to 6 Lane Divided Urban	7/00	1	?	?	051	$18,337,000	11
SP 244	At Dixon Branch	0353-05-093	0.073mi	6A	Rehabilitate Bridge	10/99	2	Yes	?	054	$120,000	12
IH 35E	From Merrell Rd. to Denton County Line	0196-03-206	6.429mi	2	Overlay	8/00	1	Yes	Yes	054	$4,000,000	13
SH 289	On Keller Springs / Westgrove Dr at Preston Rd	0091-06-042	0.100km	5	1 On System Intersection Improvement	12/99	1	?	?	054, Consultant	$400,000	14

FY 2001 NORTHWEST DALLAS COUNTY DESIGN PROJECTS

HWY	LIMITS	CSJ	LENGTH	FUND. CAT.	WORK DESCRIPTION	LET DATE	PRIORITY	ROW CLEAR	UTIL CLEAR	COMMENTS	COST	AREA OFF. PRIORITY
IH 35E	At Belt Line Rd. ST & CRIP-ST L&SW RR	0196-03-186	0.278mi	6A	Replace Bridge & Approach	1/01	1	?	?	054	$3,800,000	1
LP 12	From IH 35E to Skillman Ave.	0353-05-082	8.540mi	17	Intersection Capacity Improvements	4/01	1	No	6/02	054	$8,049,000	2
SH 356	EB Overpass At CPI&R RR & MacArthur Blvd.	0092-07-045	0.143mi	6A	Replace Bridge & Approach	1/01	2	?	?	054	$867,000	3
MH	From Lawther to Audelia	0353-05-084	2.660mi	3A	Widen 6 Lane Facility to 8 Lane Divided Urban	9/00	1	No	4/02	054	$3,140,000	4
LP 12	At Continental Ave. SB Overpass	0196-03-187	0.001mi	6A	Replace Bridge & Approach	1/01	1	?	?	054	$700,000	5
IH 35E	At Walnut Hill SB Overpass	0196-03-189	0.085mi	6A	Replace Bridge & Approach	1/01	1	?	?	054	$525,000	6
IH 35E	At Walnut Hill NB	0196-03-203	0.001mi	6A	Replace Bridge & Approach	1/01	1	?	?	054	$700,000	7
IH 35E	Davenport Rd. at White Rock Creek	0918-45-904	0.001km	6B	Replace Bridge & Approach	1/01	1	?	?	054, Consultant	$100,000	8
CR	Forest Ln. Eastbound at Floyd Branch	0918-45-909	0.108mi	6B	Replace Bridge & Approach	1/01	1	?	?	054, Consultant	$600,000	9
CR	Belt Line Rd. NB at Bear Creek	0918-45-903	0.096mi	6B	Replace Bridge & Approach	2/01	1	?	?	054, Consultant	$420,000	10
CR	Belt Line Rd. NB at Trinity River	0918-45-906	0.500mi	6B	Replace Bridge & Approach	1/01	1	?	?	054, Consultant	$4,000,000	11
CR	On Rochelle Blvd, O'Connor to Teleport Blvd.	0918-45-373	1.000mi	4C	Widen 3 Lane Facility to 6 Lane Facility	8/01	1	?	?	070	$1,870,000	12
CS	On Park Ln, US 75 to Greenville Ave.	0918-45-381	0.700mi	4C	Widen 4 Lane Facility to 6 Lane Facility	11/00	1	No	12/02	070	$3,736,000	13
CS	On Monfort Dr., Peterson Dr to Alpha Rd.	0918-45-368	0.600mi	4C	Widen 4 Lane Facility to 6 Lane Facility	4/01	1	No	12/02	070	$1,750,000	14
CS	From Rochelle Ln. to Walnut Hill Ln.	2964-01-020	0.537mi	3E	Construct Noise Wall 2 & 3	4/01	2	?	?	052	$1,262,509	15
SH 161	At US 75 - IH 635 I/C	2374-01-108	2.000mi	3A	Reconst. US 75 - IH 635 I/C w/Hov (Phase II)	10/00	1	?	?	070, Consultant	$43,204,000	Phase I To Be Let w/

FY 2002 AND BEYOND NORTHWEST DALLAS COUNTY DESIGN PROJECTS

HWY	LIMITS	CSJ	LENGTH	FUND. CAT.	WORK DESCRIPTION	LET DATE	PRIORITY	ROW CLEAR	UTIL CLEAR	COMMENTS	COST	AREA OFF. PRIORITY
IH 635	At US 75 - IH 635 I/C	2374-01-107	2.000mi	3A	Reconst. US 75-IH 635 I/C w/Hov Conn. (Phase III)	10/02	2	?	?	070, Consultant	$41,312,000	1
IH 635	At US 75 - IH 635 I/C	2374-01-108	2.000mi	3A	Reconst. US 75-IH 635 I/C w/Hov Conn. (Phase IV)	7/04	2	?	?	070, Consultant	$40,364,000	2
IH 635	At US 75 - IH 635 I/C	2374-01-109	2.000mi	3A	Reconst. US 75-IH 635 I/C w/Hov Conn. (Phase V)	6/06	2	?	?	070, Consultant	$14,691,000	3
IH 35E	At N. Tollway SB Ramp	0196-03-188	0.470mi	6A	Replace Bridge & Approach	1/05	2	?	?	054	$4,149,000	4
MH	Valley View/Walnut From IH635/Greenville to East Dal.	0918-45-374	2.250mi	4C	Widen 4 Lane Facility to 6 Lane Facility	4/02	1	No	12/02	070	$8,774,000	5
CS	On Motor St., Harry Hines Blvd. to Maple Ave.	0918-45-366	0.490mi	4C	Widen 2 Lane Facility to 4 Lane Facility	6/02	1	Yes	6/03	070	$1,585,000	6
SP 244	On Northwest Hwy. From Buckner Blvd to Audelia Blvd	0353-05-083	0.209mi	17	Constr. I/C at 2 Major Thoroughfares	9/02	2	?	?	054	$8,580,000	7
MH	On Luna Rd From Northwest Hwy to Royal Ln.	8037-18-003	1.700mi	17	Reconst Exist 2 Lane Rural Roadway to 6 Lane Divided	9/01	2	?	?	054	$8,300,000	8
SP 348	On Luna Rd. at NW Hwy	0353-04-069	0.190mi	17	Construct Grade Separation	9/02	2	?	?	054	$2,800,000	9



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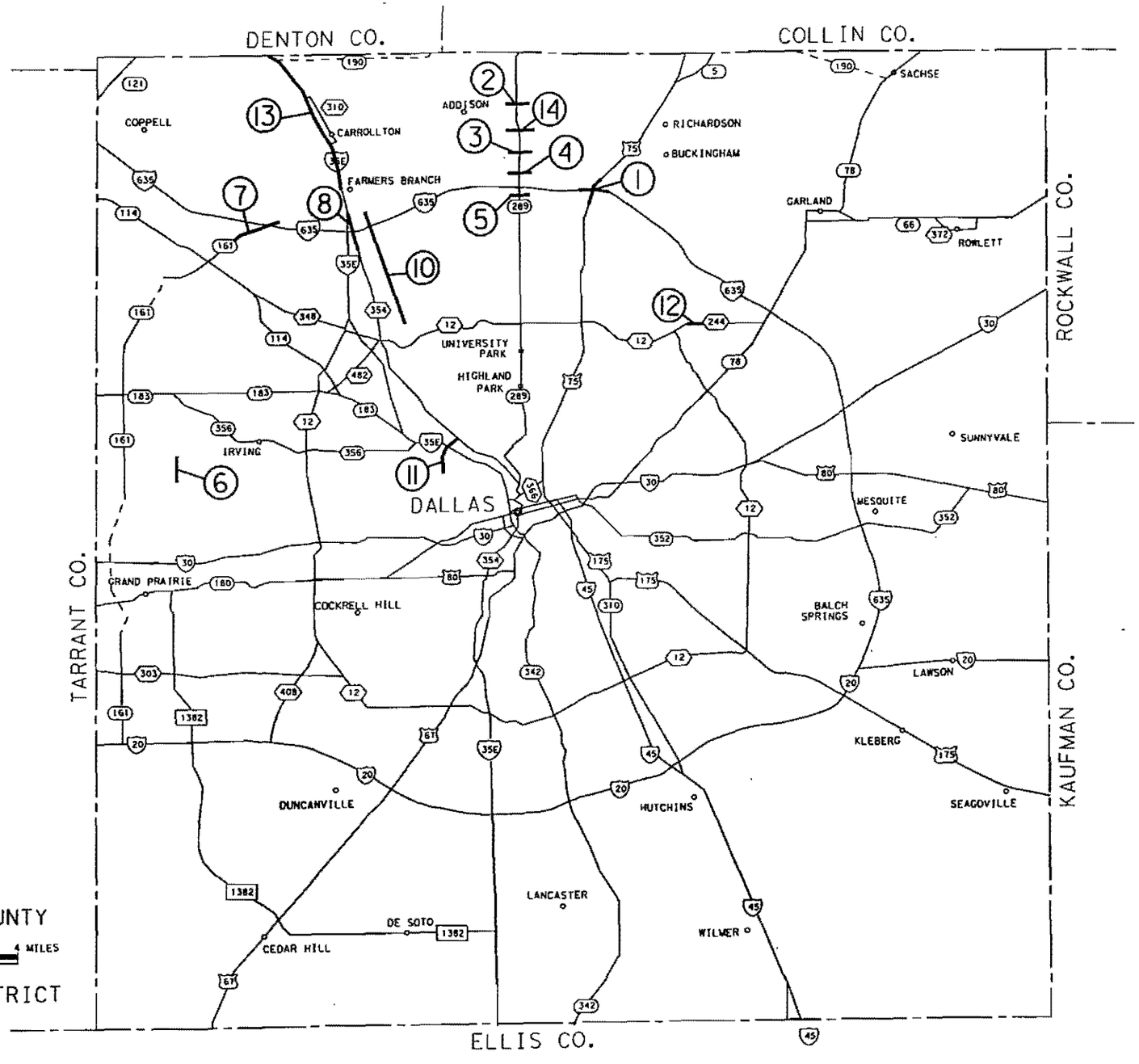
1999 NORTHWEST AREA OFFICE PROJECTS



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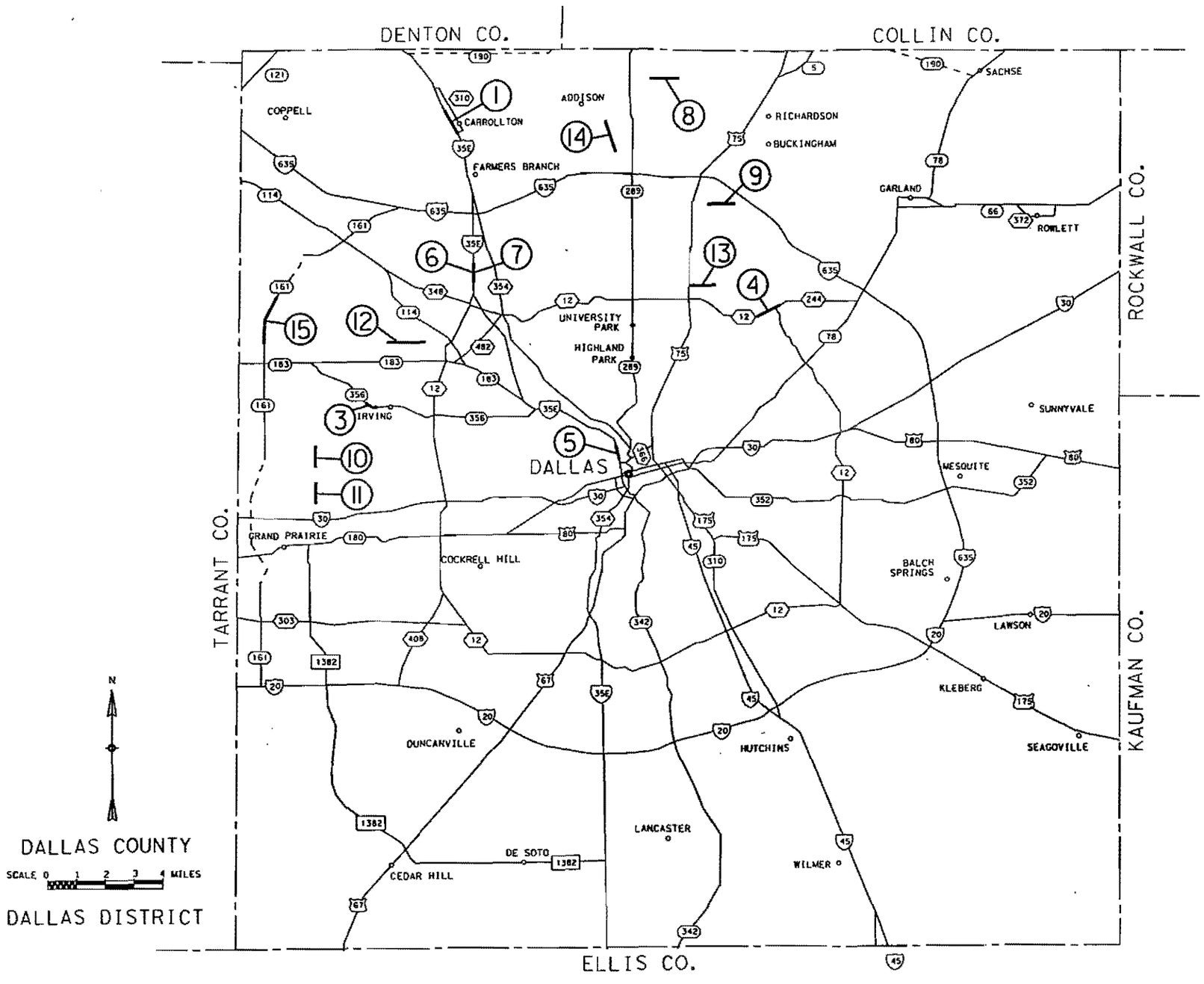
2000 NORTHWEST AREA OFFICE PROJECTS



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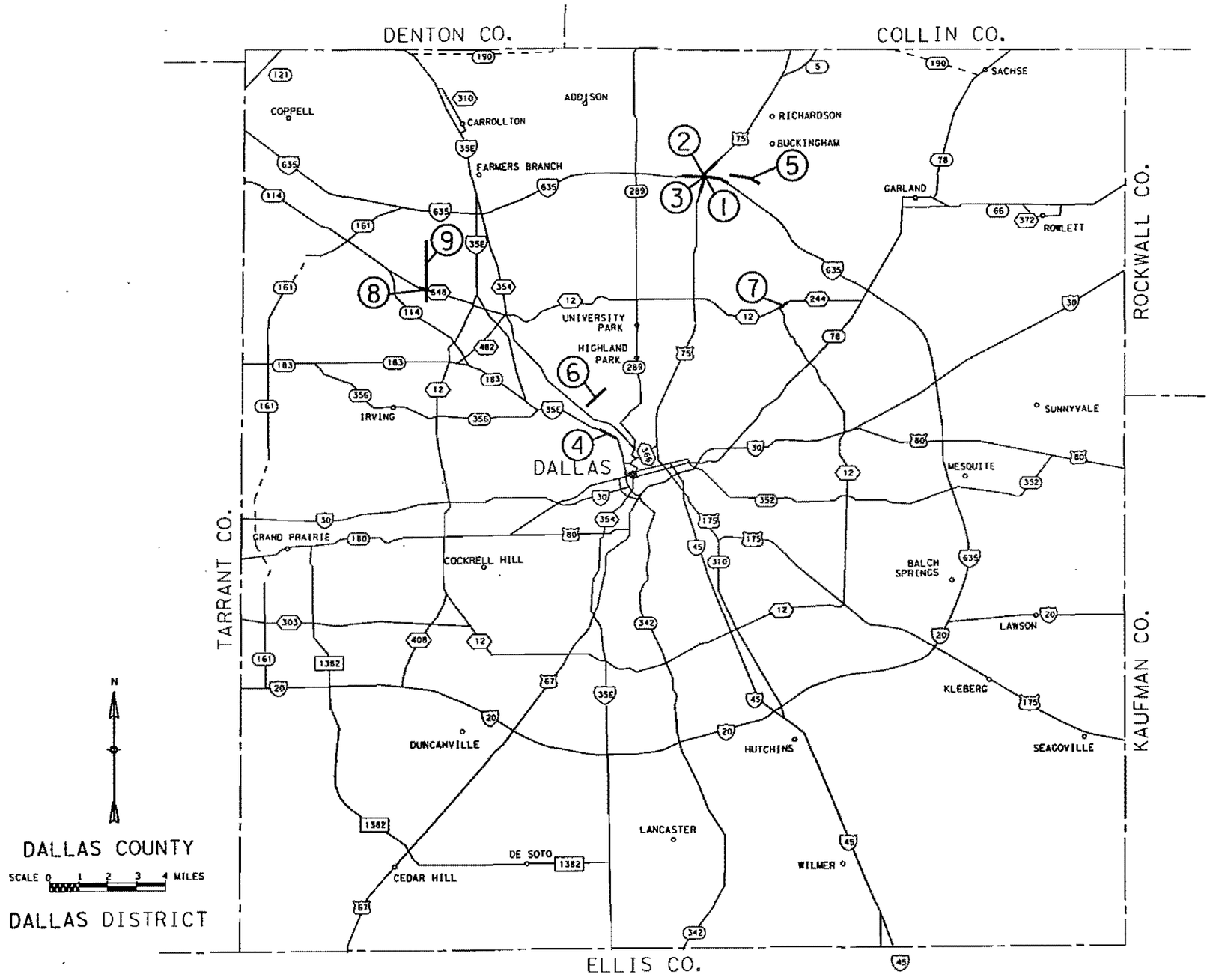
2001 NORTHWEST AREA OFFICE PROJECTS



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2002 & BEYOND NORTHWEST AREA OFFICE PROJECTS