

PUBLIC MEETING

ALMA DRIVE

HEDGCOXE – SH 121



ALMA DRIVE CONSTRUCTION

Project Public Meeting – June 18, 2015 6:00 pm





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Project Manager
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Jim Waldbauer, P.E.
BW2 Engineers, Inc.
Project Selected Consultant



ALMA DRIVE PROJECT TEAM



- ❖ Estimated \$5.5M project
- ❖ 50% funding from 2007 Collin County Bond Program Discretionary Funds
- ❖ Generally, the project will widen the Alma Drive corridor to a 6-lane divided section from the northern to southern City limits
- ❖ Project has not begun design phase or intersection evaluations



PROJECT OVERVIEW



❖ \$20.9M from the 2007 Collin County Road Bond Program not assigned to specific projects to be used at the discretion of the Commissioners Court

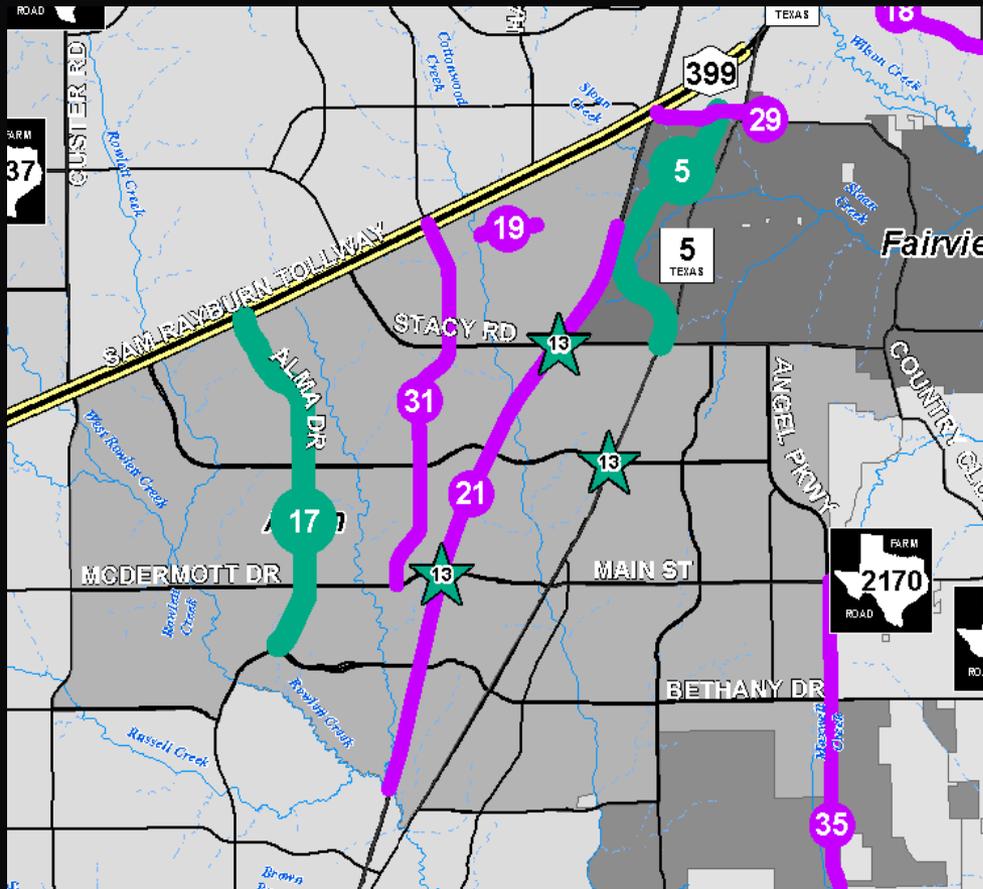
❖ Comm. Court directed their Engineering Dept. staff to solicit and rank projects

- ❖ Project ranking was based on the following:
- Ability to match County funds
 - Projects quickest ready for construction
 - Projects that will most relieve congestion



DISCRETIONARY FUNDING

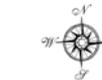




Collin County Discretionary Funding



Roads	Intersections
100	Recommended
100	Yes
100	No

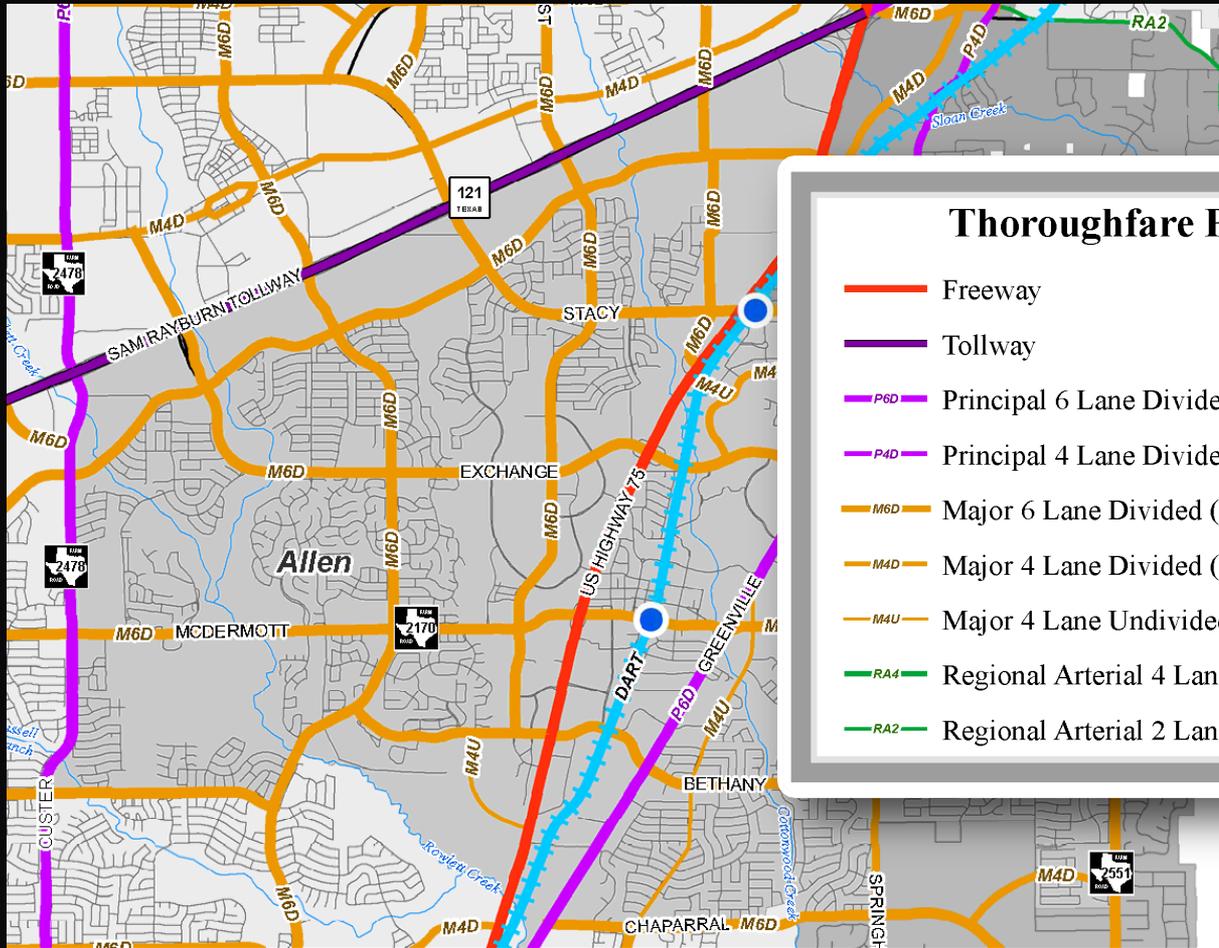


Source data compiled from Collin County GIS datasets, aerial photography (2011), digital data from cities and various maps throughout Collin County. ©2014 City of Allen Engineering Department.
This map is a graphic representation of Collin County and should only be used for illustrative purposes. In no way should this map be used to settle any boundary dispute or landowner conflict.
Friday, September 26, 2014

DISCRETIONARY FUNDS MAP

City of Allen Area





Thoroughfare Plan

- Freeway
- Tollway
- P6D Principal 6 Lane Divided (120' ROW)
- P4D Principal 4 Lane Divided (100' ROW)
- M6D Major 6 Lane Divided (120' ROW)
- M4D Major 4 Lane Divided (100' ROW)
- M4U Major 4 Lane Undivided (70' ROW)
- RA4 Regional Arterial 4 Lane (110' ROW)
- RA2 Regional Arterial 2 Lane (90' ROW)

COLLIN COUNTY THOROUGHFARE PLAN

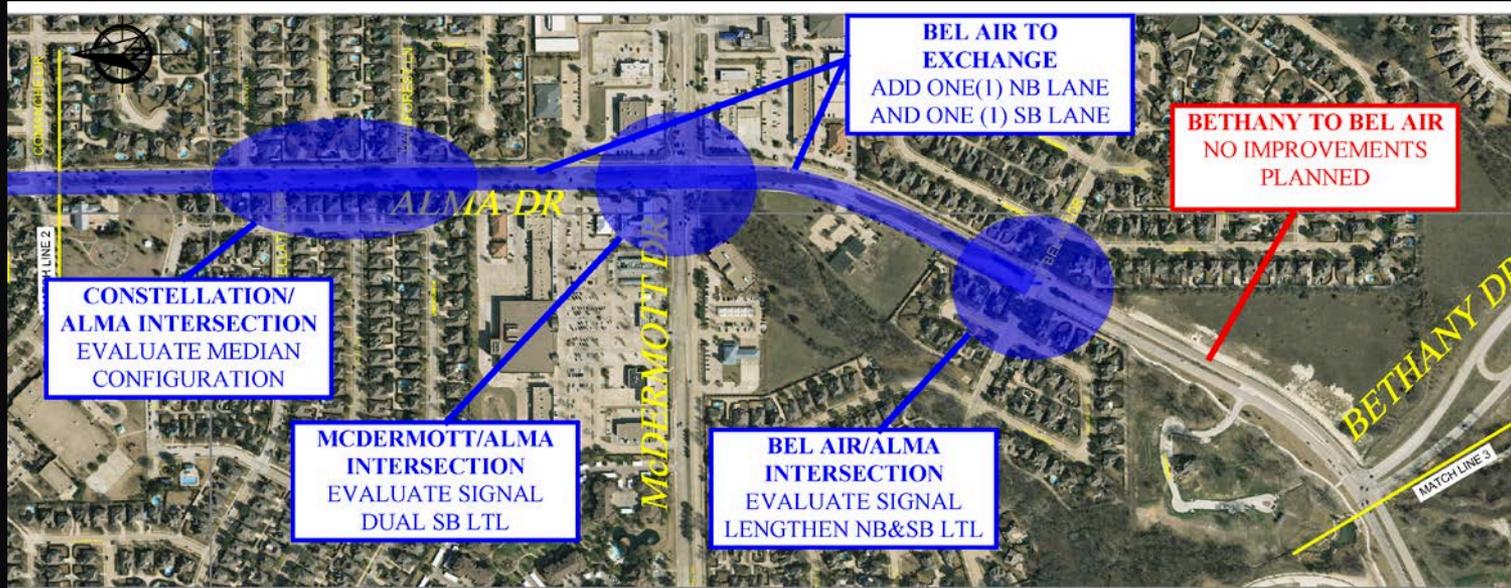
Future Projection





ALMA DRIVE PLANNED IMPROVEMENTS





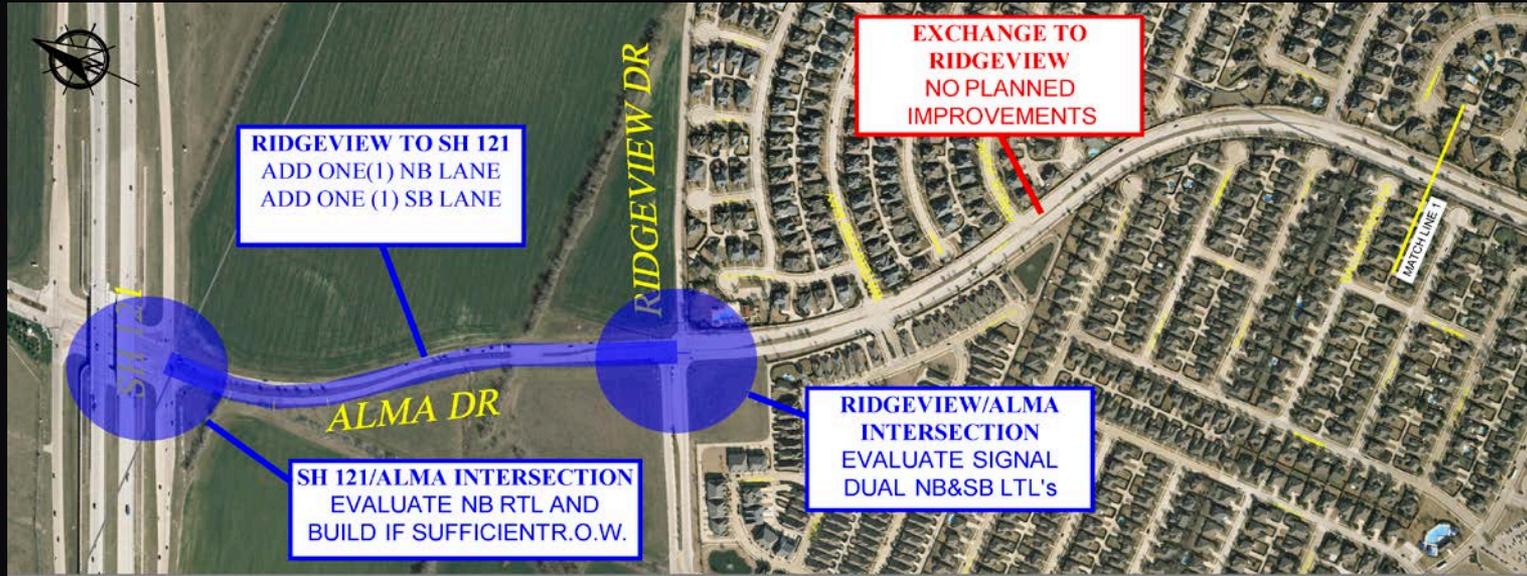
ALMA DRIVE PLANNED IMPROVEMENTS





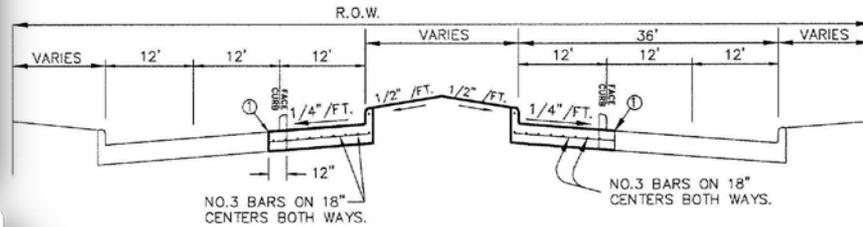
ALMA DRIVE PLANNED IMPROVEMENTS





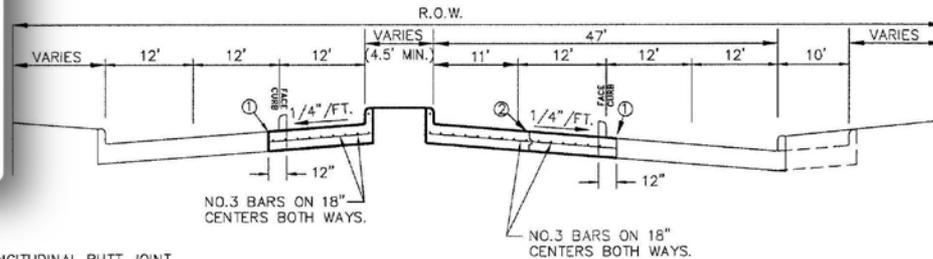
ALMA DRIVE PLANNED IMPROVEMENTS





TYPICAL PAVEMENT SECTION

NTS



TYPICAL LEFT TURN SECTION

NTS

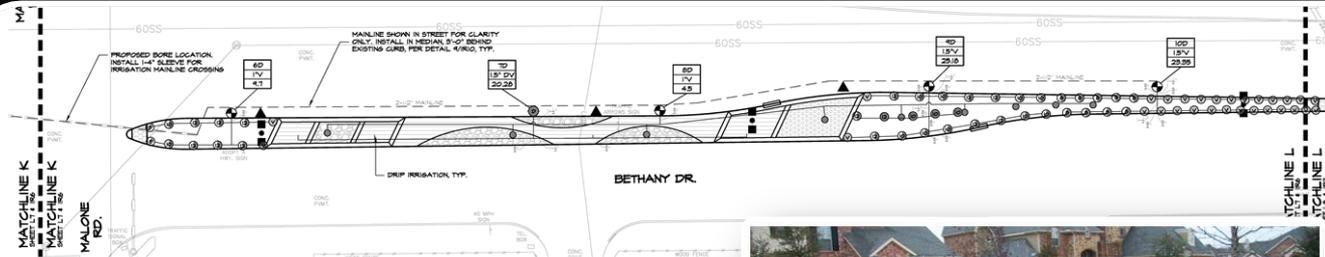
- ① SAWCUT LINE & LONGITUDINAL BUTT JOINT PER CITY STANDARD DETAIL
- ② CONSTRUCTION JOINT (FULL WIDTH PAVEMENT IS ALLOWED WHERE APPROVED BY THE CITY)
- ③ A NUMBER 3 BAR CONTINUOUS SHALL BE PROVIDED FOR CURB REINFORCEMENT

ALMA DRIVE CROSS SECTIONS

Standard Sections



Project will include Landscape Architecture services to design new median landscaping from Hedgcoxe to Tatum and Bel Air to Exchange



IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE	SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE
[Symbol]	AUTOMATIC CONTROLLER	MOTOROLA	RESPECT IV REGULATED SOLAR AND SURGE PROTECTOR	N/A	[Symbol]	WATER METER	---	PER CITY	Refer to Plan for Size
[Symbol]	DRIP IRRIGATION CONTROL VALVE	RAINBIRD	DRIP CONTROL SOLE KIT	1/2" - Refer to Plan	[Symbol]	DOUBLE CHECK VALVE	Fabco	800-BV Series	Refer to Plan for Size
[Symbol]	SPRAY HEAD	RAINBIRD	V-SERIES	5/8" - 1" - Refer to Plan	[Symbol]	ISOLATION VALVE	RELING	PLASTIC BALL VALVE	Line Size
[Symbol]	SPRAY HEAD	RAINBIRD	VAN SERIES	5/8" - 1" - Refer to Plan	[Symbol]	WIRE STRAINER	RELING	100 SERIES	Refer to Plan for Size
[Symbol]	DRIP IRRIGATION	NETAFIM	1/2" DRIPLINE SPACING OF 18" OR 24"	N/A	[Symbol]	MASTER VALVE	ARAD	HIGH PRESSURE HYDRO-METER WITH 1/2" NPT CONNECTION	Refer to Plan for Size
[Symbol]	BUBBLER HEAD	BRUNNOL 900	ADJUSTABLE BUBBLER	1/2"	[Symbol]	IRRIGATION BLEED	---	50# AD or 1/2" SA. FULL LINE IN SUBSIDIARY	Refer to Plan for Size
[Symbol]	REMOTE CONTROL VALVE	RAINBIRD	100-PIA 200-PIA	Refer to Plan for Size	[Symbol]	IRRIGATION MAIN LINE	---	50# AD	Refer to Plan for Size
[Symbol]	BACK-COUPLER VALVE	CHAMPION	CRDD	1"	[Symbol]	IRRIGATION LATERAL LINE	---	GLASS 200	Refer to Plan for Size
[Symbol]	BACK-COUPLER KEY	CHAMPION	100K	1"					
[Symbol]	ROSE BRIVEL	CHAMPION	19K	1"					

[Symbol] PROGRAM AND STATION NUMBER FOR AUTOMATIC CONTROLLER
 [Symbol] VALVE SIZE IN INCHES
 [Symbol] BALLINGS PER HAUTE, PER VALVE



LANDSCAPE AND IRRIGATION
 Irrigation Plan
 Bethany Drive Median Improvements
 City of Allen, Collin County, Texas

DATE	
BY	
PLANNED REVISIONS	
1	
2	
PROJECT	COA001
SHEET	IR6 of 10

MEDIAN LANDSCAPING

Typical Plan





- ❖ Landscaping design is to be determined
- ❖ Salvage/save trees we can, if any
- ❖ Landscaping quality will be of like kind and caliber of past median landscaping projects, such as those images that follow this slide

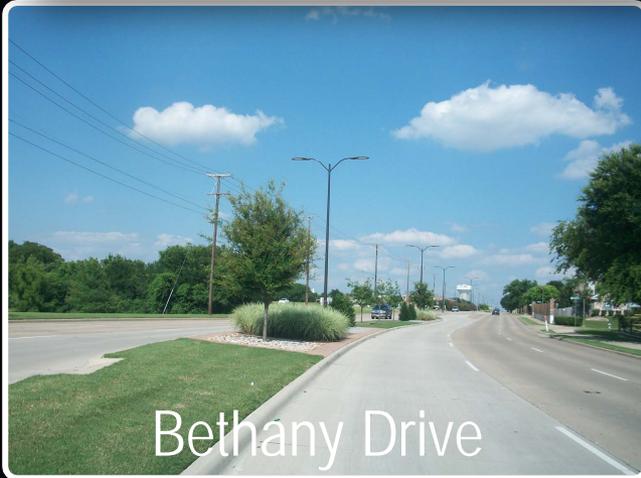
MEDIAN LANDSCAPING



WB Exchange Parkway



EB Exchange Parkway



Bethany Drive



E Main Street

PREVIOUS MEDIAN PROJECT PHOTOS





- ❖ Project will cause disruption to street pavement, sidewalks, and grassed areas within City right-of-way.
- ❖ Some streets may be blocked/detoured for short times to facilitate construction.
- ❖ All pavement and grass areas will be replaced to existing conditions or better following construction.

PROJECT POINTS OF INTEREST



- ❖ The City of Allen will work closely with the USPS, CWD, and Allen ISD to minimize impacts to the neighborhoods.
- ❖ No median improvements will be made where widening does not occur.



PROJECT POINTS OF INTEREST



The widening will stay ahead of traffic growth trends

	2006-2007	2009	2011-2013
McKinney (North of 121)	6,629	7,963	10,238
Allen (Exchange to Comanche)	12,600	13,095	16,343
Plano (South of Hedgcoxe)	20,196	22,301	23,438



TRAFFIC TRENDS



❖ Construction hours:
Mon-Sat (7am to 8pm),
No Sundays or holidays

❖ Approximate timeframe:

- Design – Summer 2015 to Spring/Summer 2016
- Bidding/Contract Award – Summer 2016
- Construction – Fall 2016 to Fall 2017



PROJECT TENTATIVE SCHEDULE





Monday, August 19, 2013

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Please note this slide was part of the initial presentation at the June 18 Council meeting. The city launched a new website late July. Now this information is available from the top navigation bar "Government" drop down menu, Under Departments, click Engineering & Traffic. On the Engineering & Traffic home page, click Capital Projects. You will find roadway projects under the Tab labeled Roads.



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Allen Economic Development Corporation
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Board of Adjustment, Building & Standards
CBD Design Review Committee
Convention & Visitors Bureau Advisory Board
Keep Allen Beautiful
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Parks & Recreation Board
Planning & Zoning Commission

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HOW TO FIND OUT MORE

Accessing the City's Webpage: www.cityofallen.org



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- Capital Projects
- Land Development
- ROW Management
- Storm Water Management
- Traffic Management

Related Links

- Public Transit in Allen
- Rail Service in Allen
- Geodetic Monumentation
- Report Street Repair Issue
- Report Street Light Problem

CITY OF ALLEN

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Government > Departments > Engineering & Traffic > Capital Projects

Capital Projects

- Land Development
- Roundabouts
- Right-of-Way Management
- Storm Water Management
- Traffic Management

CONTACT US

Engineering & Traffic
[Staff Directory](#)
1st Floor, Allen City Hall
305 Century Parkway
Allen, Texas 75013
Phone: 214.509.4576
Fax: 214.509.4590

Hours:
Mon-Fri - 8 a.m. - 5 p.m.

FAQS

- [What is the speed limit when there are no speed limit signs?](#)
- [Is it possible to change the speed limit on a particular street?](#)
- [How would I make a request to have a traffic signal or stop sign?](#)

QUICK LINKS

- [Public Transit in Allen](#)
- [Rail Service in Allen](#)
- [Geodetic Monumentation](#)
- [Report Street Repair Issue](#)
- [Report Street Light Problem](#)

ROADS UTILITIES FACILITIES FUTURE MAPS

ALMA DRIVE WIDENING
(Bethany to SH 121)
Project Manager: [Tim Porter](#)

ALERT!

There are no alerts at this time. See [instructions](#).

ALERTS

Road Construction Alerts

Notification Sign-Up

Staff Directory

Engineering & Traffic Staff Directory
Allen City Hall

GET THE UPDATES

Accessing the City's Webpage: www.cityofallen.org



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QUESTIONS?

