

AGENDA – WORKSHOP OF THE CITY COUNCIL OF THE CITY OF PEARLAND, TEXAS, TO BE HELD ON MONDAY, JUNE 11, 2012, AT 6:30 P.M., IN THE COUNCIL CHAMBERS, CITY HALL, 3519 LIBERTY DRIVE, PEARLAND, TEXAS.

I. CALL TO ORDER

II. PURPOSE OF THE WORKSHOP:

- 1. COUNCIL INPUT AND DISCUSSION:** REGARDING EXTENDING FM 1128 NORTH TO BELTWAY 8. *Mr. Mike Hodge, Assistant City Manager.*
- 2. COUNCIL INPUT AND DISCUSSION:** REGARDING THE SPEED LIMIT ON SOUTHFORK/MAGNOLIA. *City Council.*

III. ADJOURNMENT

This site is accessible to disabled individuals. For special assistance, please call Young Lorfing at 281-652-1840 prior to the meeting so that appropriate arrangements can be made.

Workshop Item No. 1

1. COUNCIL INPUT AND DISCUSSION: REGARDING EXTENDING FM 1128 NORTH TO BELTWAY 8. *Mr. Mike Hodge, Assistant City Manager.*

**AGENDA REQUEST
BUSINESS OF THE CITY COUNCIL
CITY OF PEARLAND, TEXAS**

AGENDA OF: June 11, 2012	ITEM NO.: Workshop Item No. 1
DATE SUBMITTED: May 28, 2012	DEPARTMENT OF ORIGIN: Admin
PREPARED BY: Mike Hodge	PRESENTOR: Mike Hodge
REVIEWED BY: Bill Eisen	REVIEW DATE: 6/6/12
SUBJECT: Workshop Discussion on extending FM 1128 north to BW8.	
EXHIBITS: Power Point Presentation	
EXPENDITURE REQUIRED: None	AMOUNT BUDGETED: NA
AMOUNT AVAILABLE: NA	PROJECT NO.: NA
ACCOUNT NO.: NA	
ADDITIONAL APPROPRIATION REQUIRED: None	
ACCOUNT NO.:	
PROJECT NO.:	
To be completed by Department:	
<input type="checkbox"/> Finance <input type="checkbox"/> Legal <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution	

EXECUTIVE SUMMARY

At its March 19, 2011 Planning Workshop, the City Council requested that staff develop a workshop presentation on the possible benefits of extending FM 1128 north of Broadway along the Max Road corridor to Beltway 8. The presentation has been delayed until the City's new Traffic Demand Model was completed and could be used to measure the impacts of the project on traffic in the region. The model was completed in May and we now have some preliminary results to share with the Council.

RECOMMENDED ACTION

Conduct workshop.

FM 1128/Max Road Extension

City Council Workshop

City of Pearland

June 11, 2012

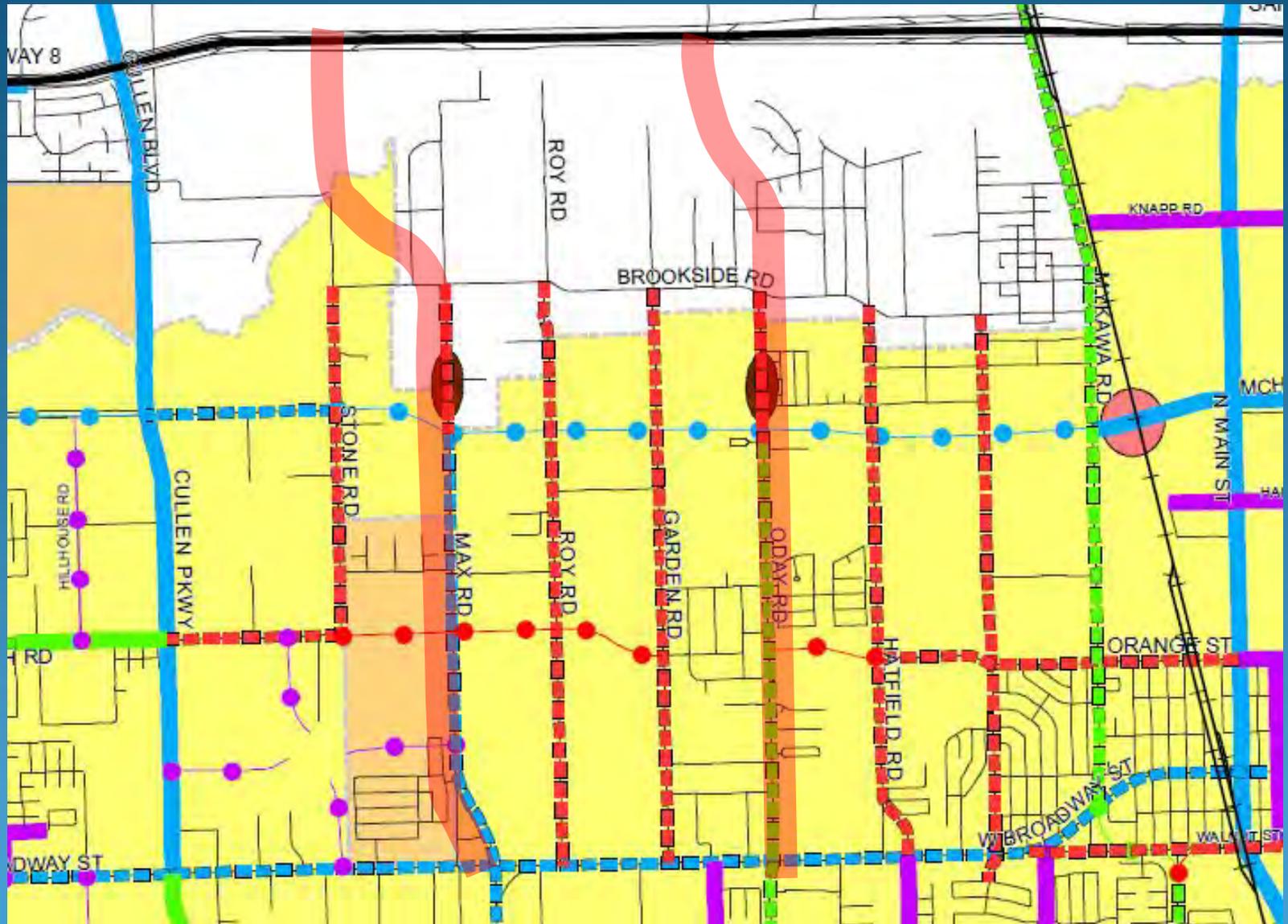
Alignment Evaluation Criteria

1. Crossing of Brookside Village
2. Connection at BW 8
3. Corridor connections
4. Environmental
5. Utility coordination
6. Construction costs
7. Traffic impacts

Corridor Alignment

- Crossing at Brookside Village
 - Max Rd – 0 to 0.35 mi
 - O'Day Rd - 1 mi
- Connect at BW 8
 - Max Rd - 1.42 mi from McHard to MLK
 - O'Day Rd - 1.35 mi from McHard to S. Wayside Dr.
- Corridors
 - Max Rd - MLK/Manvel Road (FM 1128)
 - O'Day Rd - S. Wayside/Harkey Rd. (CR 145)

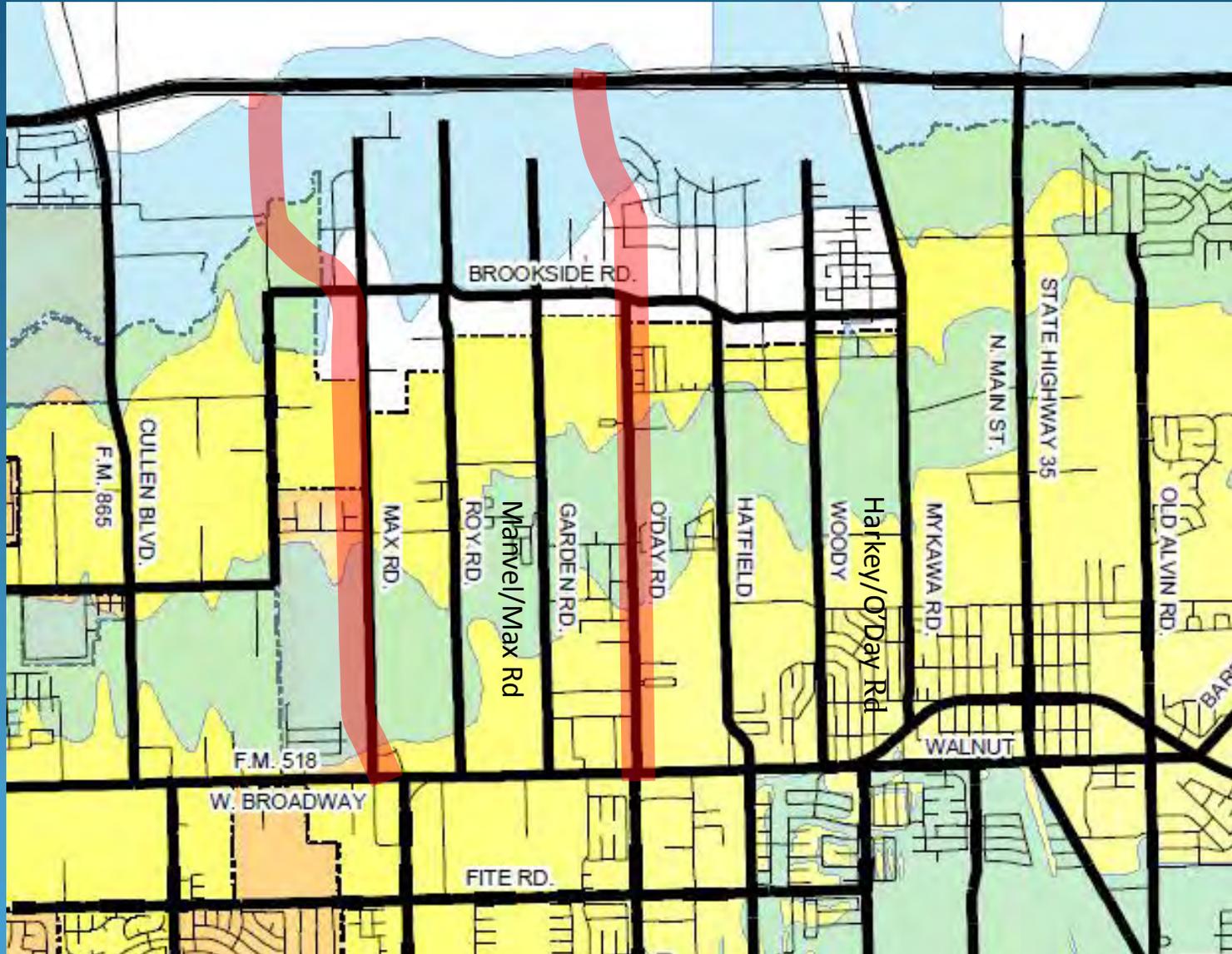
Thoroughfare Plan



Environmental

- Drainage – More floodplain for Max Road
- Wetlands – Max Road more prevalent and subject to USACE jurisdiction in the floodplain

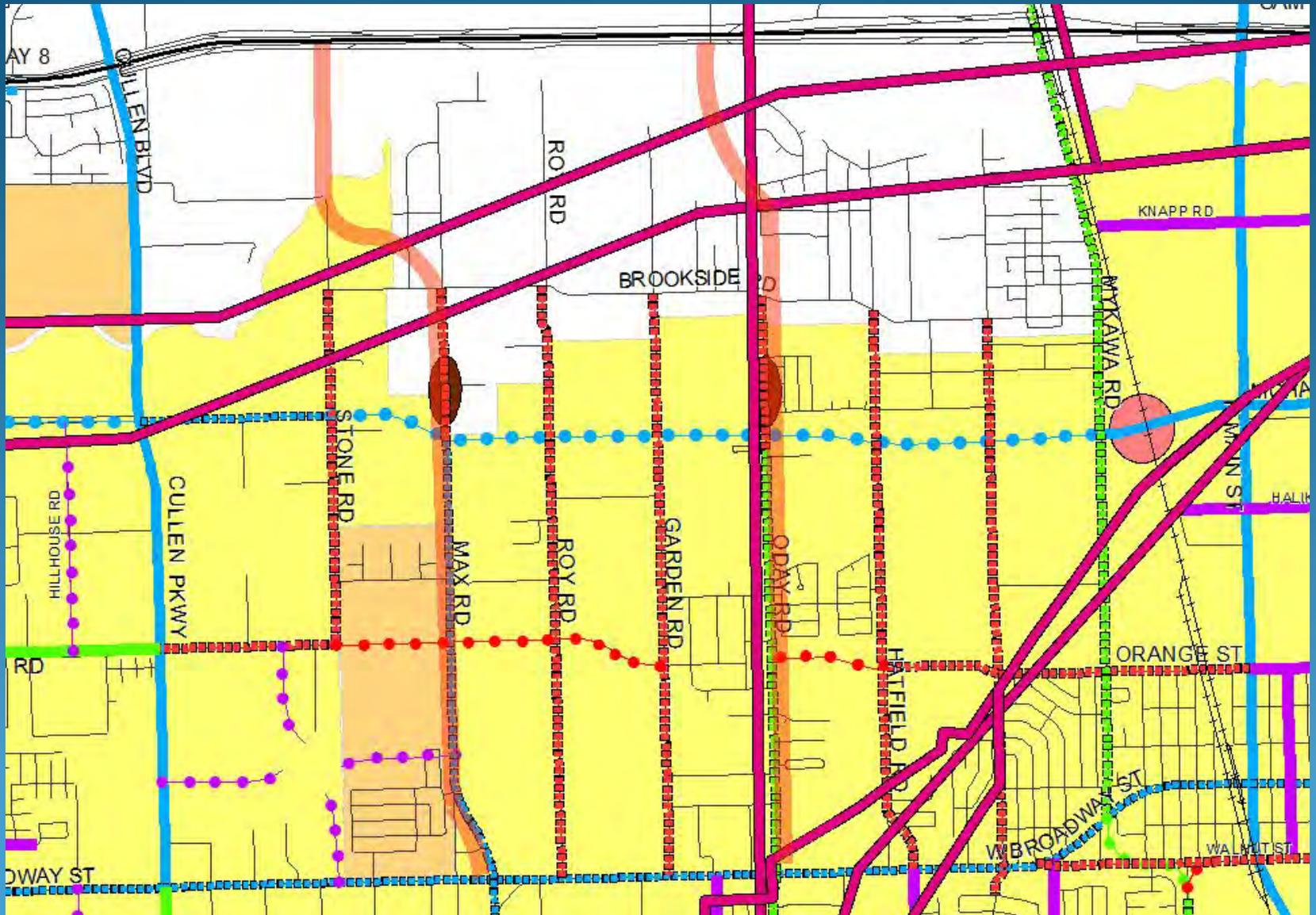
Floodplain Impacts



Utility Coordination

- 2 pipeline crossings for Max Road
- 3 pipeline crossings for O'Day Road

Pipeline Impacts



Construction Costs

- Cost estimates (from McHard to Beltway 8)

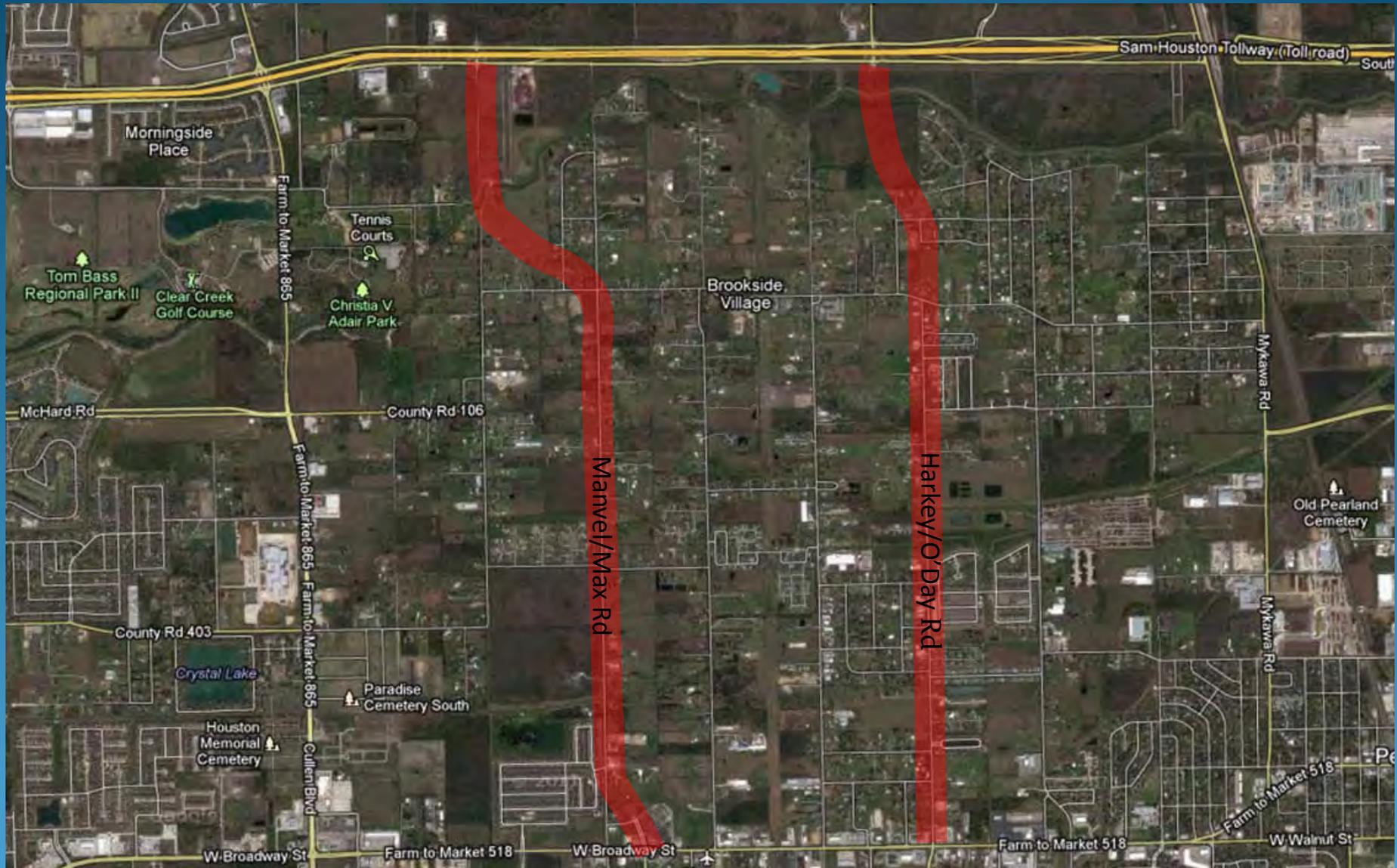
	Max Road	O'Day Road
Length	7850 ft	7160 ft
ROW width	120 ft	100 ft
ROW	\$1.5M	\$1.1M
Pipelines	\$1.0M	\$1.5M
Construction	\$13.2M	\$12.2M

Traffic Impacts

Congestion increases as the volume of traffic on a roadway approaches its capacity.

In the model, congestion is defined as a Level of Service of D or worse.

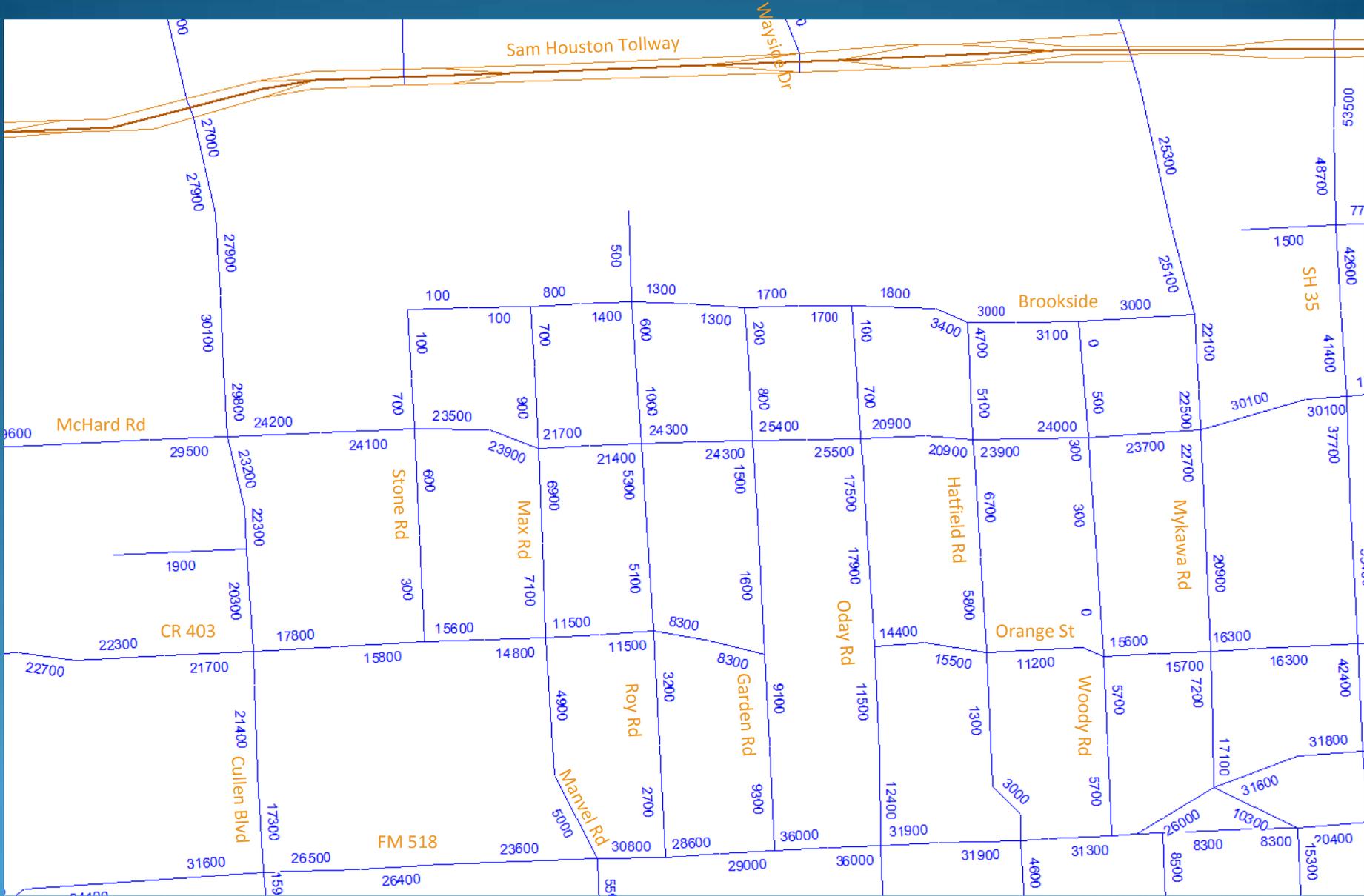
Proposed Alignments



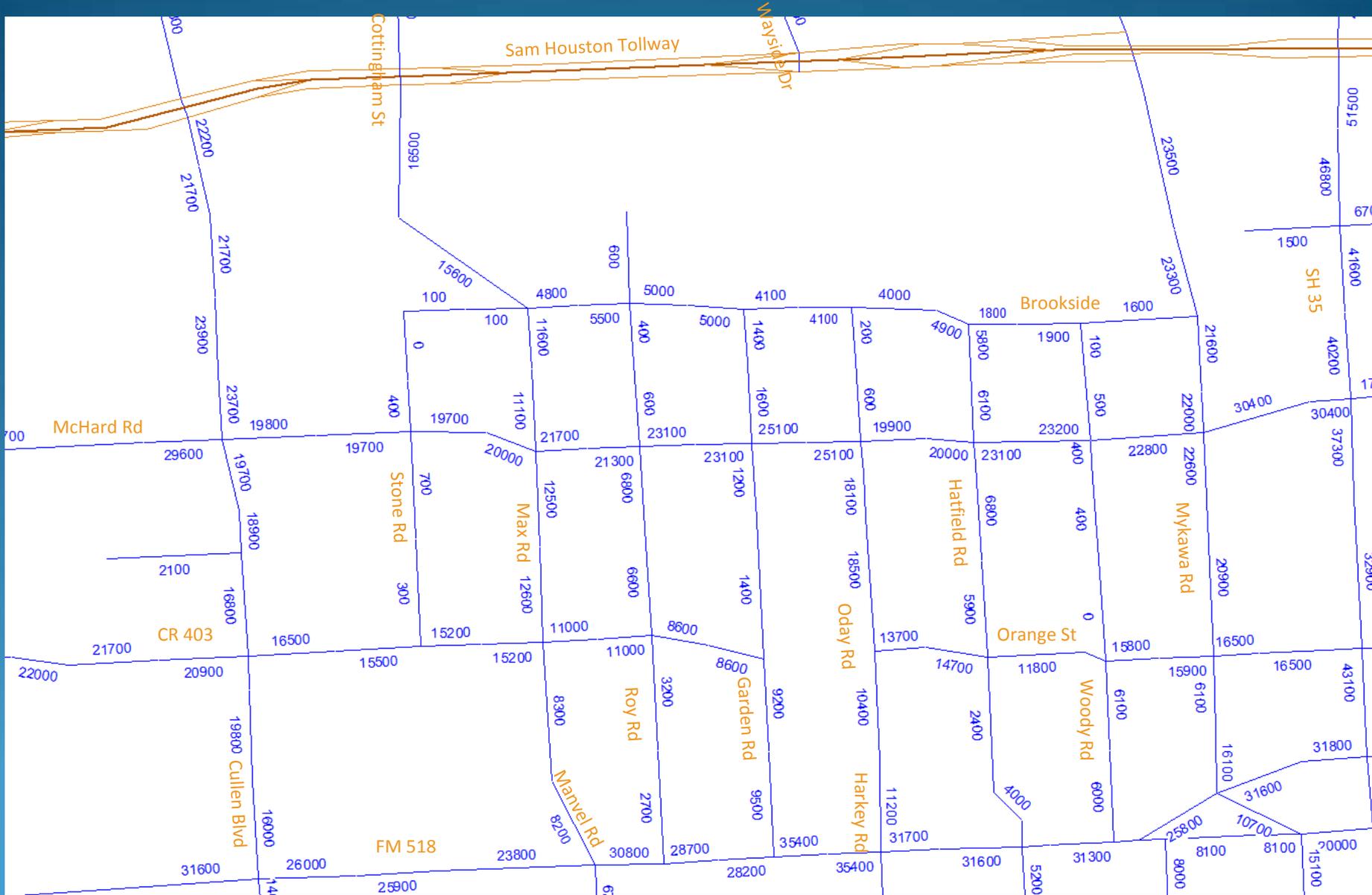
Assumptions

- Metro Park & Ride lot in place on CR 94
- SH 288 Managed Lanes in place.
- Fully improved roadways as of 2035:
 - McHard Road
 - Hughes Ranch Road (CR 403)
 - Cullen Pkwy
 - Mykawa
 - SH 35
 - Smith Ranch Road (CR 94)
 - Old Alvin
- Any additional roadway extensions up to BW 8 are 4 lanes.

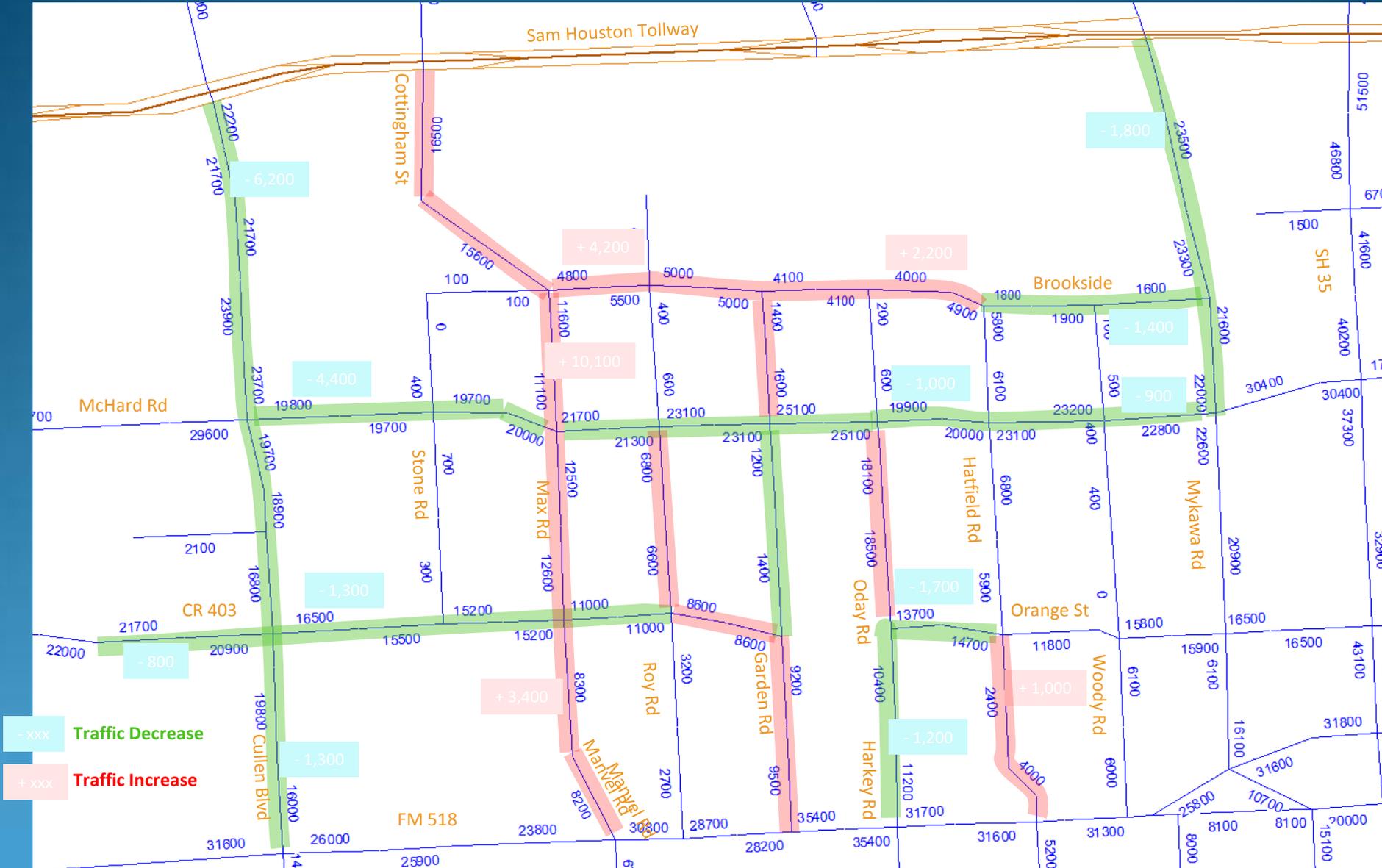
2035 Model Daily Volumes



2035 Daily Volumes w/Max Road Ext



2035 Daily Volumes w/Max Road Ext



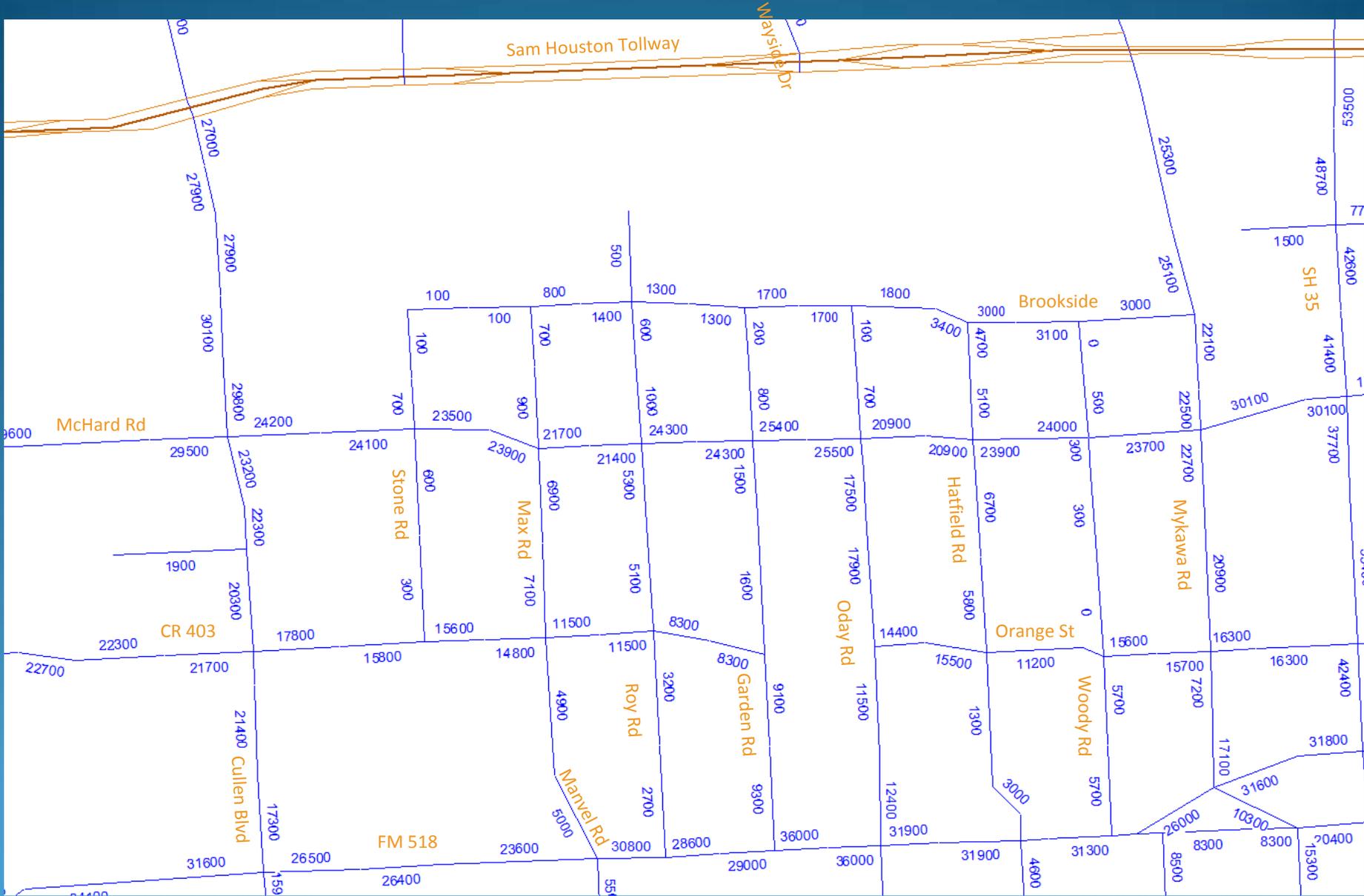
Congested Roadways w/Max Rd Ext



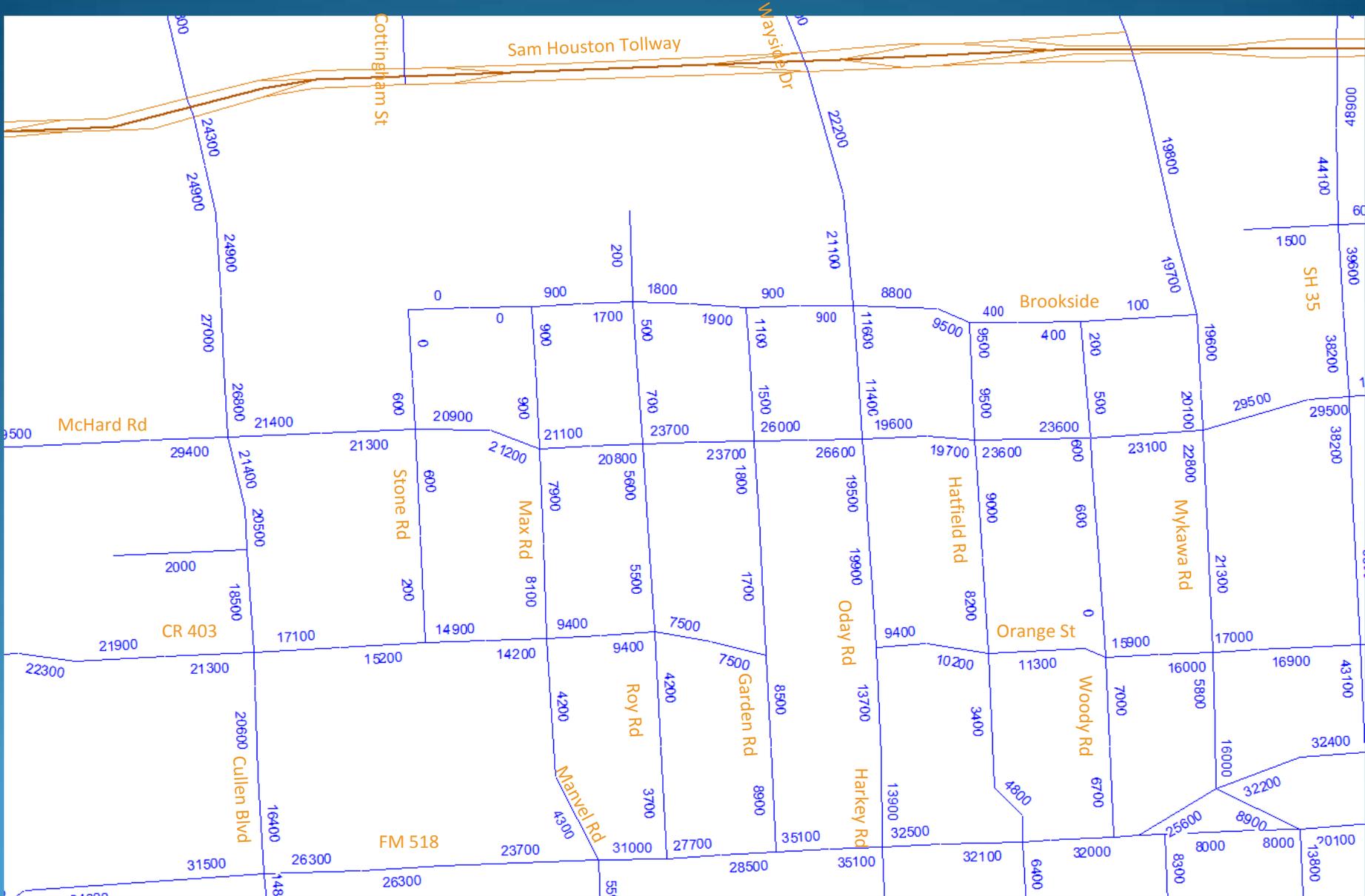
Congested Roadways (2035)



2035 Model Daily Volumes



2035 Daily Volumes w/O'Day Rd Ext



2035 Daily Volumes w/O'Day Rd Ext



Congested Roadways w/O'Day Rd Ext



Congested Roadways (2035)



Congested Roadways w/Max Rd Ext



A Quick Comparison

Measure of Effectiveness	2035 No Build	2035 Max Road Extension	2035 O'Day Road Extension
Vehicle Miles Traveled (Daily)	2,854,400	2,803,500	2,823,700
Difference		-50,900	-30,700
Vehicle Hours Traveled (Daily)	79,000	77,000	77,400
Difference		-2,000	-1,600

VMT, VHT is calculated for all roadways in the Pearland model area with the exception of SH 288 and BW 8

A Quick Comparison

Criteria	Max Road Extension	O'Day Road Extension
BV Crossing	+	-
Beltway 8 Connection	+	+
Corridor Connections	+	-
Environmental	-	+
Utility Coordination	+	-
Cost	-	+
Traffic Impact	+	-

Q & A

Workshop Item No. 2

2. **COUNCIL INPUT AND DISCUSSION:** REGARDING THE SPEED LIMIT ON SOUTHFORK/MAGNOLIA. *City Council.*



RE: Request for Agenda Item
Greg Hill
to:
SSherrouse, Young_Lorfin/COP
05/22/2012 09:26 AM
Cc:
"Greg Hill"
Show Details

JUNE 11
Reg.

Yes, I would also request that this item be added to the agenda for discussion. Thank you.

Greg Hill
Greg Hill, Attorney, PLLC
11200 Broadway, Suite 2743
Pearland, Texas 77584
(832) 895-6640
(832) 895-6444 facsimile
greghill.biz

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From: SSherrouse@ci.pearland.tx.us [<mailto:SSherrouse@ci.pearland.tx.us>]
Sent: Tuesday, May 22, 2012 9:14 AM
To: Young_Lorfin/COP@ci.pearland.tx.us
Cc: Greg Hill
Subject: Request for Agenda Item

Councilmember Hill and myself request that an agenda item be added to the next available Council meeting agenda to discuss the speed limit on Southfork/Magnolia.

Greg - can you confirm this request via e-mail to Young for the record? Thank you.

Regards,

Susan Sherrouse
Pearland City Councilmember, Position #3
Phone: 281-652-1662
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