



Memorial City Redevelopment Authority
8955 Katy Freeway, Suite 215
Houston, Texas 77024
713-829-5720

December 30, 2014

Mr. David Wurdlow
Transportation Program Manager
Houston-Galveston Area Council
3555 Timmons, Suite 120
Houston, TX 77027

Re: Memorial City Redevelopment Authority 2015-2018 Call for Projects Applications

Dear Mr. Wurdlow,

On behalf of the Memorial City Redevelopment Authority, I want to thank you for the opportunity to apply for funding through the 2015-2018 H-GAC Transportation Improvement Program Call for Projects. Included in our submission are three priority mobility projects that will greatly improve the state of good repair, access, and safety of our transportation network. The projects include the complete reconstruction of Memorial Drive between Beltway 8 and Tallowood and North Gessner between Westview and Long Point. The latter corridor is expected to be designated a high-frequency transit route as a result of the METRO re-imagining process, and may even be a corridor where a future transit center is located, as recommended in the results of your West Houston Mobility Study. Additionally, we are seeking funding for the extension of Town and Country Way to Beltway 8. This project involves the implementation of a Green Road-caliber design featuring an innovative roundabout that would allow for increased pedestrian access as well as the provision of improved traffic-flow.

These projects are included within the FY2015 TIRZ#17 Capital Improvement Plan and have been significantly developed by the Memorial City Redevelopment Authority. The North Gessner project has been designed to an approximately 30% level and will be seeking board approval to complete detailed design within the next several months. The Town and Country Way project has completed 30% design and has been received a positive finding through a technical review committee process. Additionally, the Redevelopment Authority has purchased the right-of-way necessary to construct the project. We will be seeking board approval to move forward with completed detail design in January 2015.

We look forward to working with H-GAC, TxDOT, METRO, and the City of Houston, in the implementation of transportation solutions that will benefit the entire region. If you have any questions or concerns please contact me directly at 713-829-5720 or at donhuml@houstontirz17.org.

Sincerely,

Don Huml

Don Huml
Executive Director
Memorial City Redevelopment Authority

December 16, 2014

Mr. David Wurdlow
Transportation Program Manager
Houston-Galveston Area Council
3555 Timmons, Suite 120
Houston, TX 77027

Re: Memorial City Redevelopment Authority Maintenance & Funding Commitment for 2015-2018 TIP Submittals

Dear Mr. Wurdlow,

The Memorial City Redevelopment Authority commits to provide a cash match for the following projects submitted through the 2015-2018 Houston-Galveston Area Council Transportation Improvement Program Call for Projects:

Project	Scope	Total Cost	Local Share	Match %
Memorial Drive Reconstruction	Complete reconstruction of Memorial Drive between Beltway 8 and Tallowood	\$13,076,949	\$2,615,390	20%
Town and Country Way Extension and Roundabout	Extension of Town and Country Way and reconstruction of existing intersection with Town and Country Blvd.	\$6,659,939	\$1,331,988	20%
North Gessner Phase II Reconstruction	Complete reconstruction of Gessner Drive between Westview and Long Point	\$2,731,918	\$546,384	20%

Long-term operational and maintenance requirements for the proposed improvements will be provided in part, by the City of Houston, Texas per the terms of an existing tri-party agreement. The maintenance of amenities over and above City of Houston standards will be maintained by overlapping Municipal Management Districts per the terms of project-specific agreements. These agreements will be developed prior to the commencement of project-specific construction phase activities.

Thank you for the opportunity to submit these projects for funding. If you have any questions or concerns please contact me directly at 713-829-5720 or at don@houstontirz17.org.

Sincerely,



Don Huml
Executive Director
Memorial City Redevelopment Authority

**Board of
Directors**

Gilbert Andrew
Garcia, CFA
Chairman

Allen D. Watson
Vice Chairman

Lisa Castañeda
Secretary

Burt Ballanfant
Honorable
Dwight Jefferson

Diann L. Lewter

Jim Robinson

Cindy Siegel

Christof Spieler

**President &
Chief Executive
Officer**

Thomas C. Lambert

January 9, 2015

Mr. Alan Clark
Director of Transportation Planning
Houston-Galveston Area Council
P.O. Box 22777
Houston, TX 77027

**Re: Support for TIP Funding Request by the Memorial City Redevelopment
Authority**

Dear Mr. Clark:

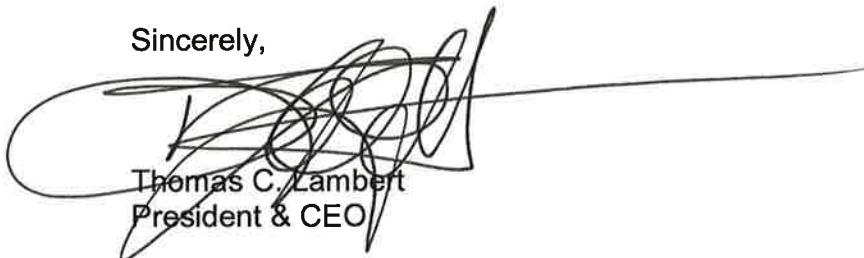
I am pleased to offer this letter supporting the Memorial City Redevelopment Authority in their pursuit of transit-related funding through the Houston-Galveston Area Council's 2015-2018 Transportation Improvement Program. With the requested funding support, the Memorial City Redevelopment Authority plans reconstruction of roadways, sidewalks, planting strips, curbs, ADA ramps for the following corridors:

- North Gessner Road (Westview Drive to Long Point Road)
- Memorial Drive (Beltway 8 to Tallowood Road)

Memorial Drive would feature 15 to 30 minute bus routes when the reimagined network plan is implemented. Additionally, many current stops are not separated from the roadway by a curb. The Redevelopment Authority plans to improve the safety of these transit stops through context sensitive solutions. Additionally, North Gessner will feature frequent bus service (15 minutes or less) as part of the reimagined plan.

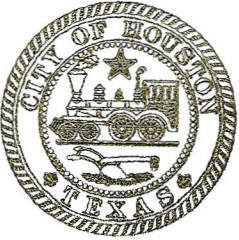
METRO fully supports the Memorial City Redevelopment Authority's pursuit of federal funding through the 2015-2018 Transportation Improvement Program. The improvements sought will improve the ability of individuals to utilize existing and future METRO transit service.

Sincerely,



Thomas C. Lambert
President & CEO

cc: Roberto Trevino, Executive Vice President, Planning, Engineering & Construction /
METRO
Clint Harbert, Sr. Director, System Planning & Development / METRO



COUNCIL MEMBER OLIVER PENNINGTON

DISTRICT G

December 4, 2014

Mr. Alan Clark
Director of Transportation Planning
Houston-Galveston Area Council
P.O. Box 22777
Houston, TX 77027

Re: Memorial City Redevelopment Authority TIP Submissions

Dear Mr. Clark:

As the Houston City Council Member for District G, I am pleased to support the Memorial City Redevelopment Authority in their pursuit of transportation funds in the 2015-2018 Transportation Improvement Program at the Houston-Galveston Area Council. With this funding, they plan to implement the following projects:

- Gessner North Phase II
- Memorial Drive
- Town and Country West

Work for the Gessner portion of the project will include roadway rehabilitation and sidewalk drainage improvements, and is anticipated to enhance flow through the entirety of Gessner. For Memorial Drive, work will include reconstruction of a minor arterial road, roadway rehabilitation, and sidewalk and drainage improvements. These upgrades are expected to improve the efficiency of traffic and increase pedestrian safety. The Town and Country section of the project will be roadway and sidewalk reconstruction and improvements, including a roundabout. This work is expected to improve drainage, traffic flow, and roadway alignment. All portions of the project will serve to enhance connectivity, access, and safety for pedestrians and transit users in our region.

Thank you for your attention to this matter. If you have any questions or concerns, please feel free to contact my office at (832) 393-3007 or via e-mail at districtg@houstontx.gov.

Sincerely,

A handwritten signature in cursive script that reads "Oliver Pennington".

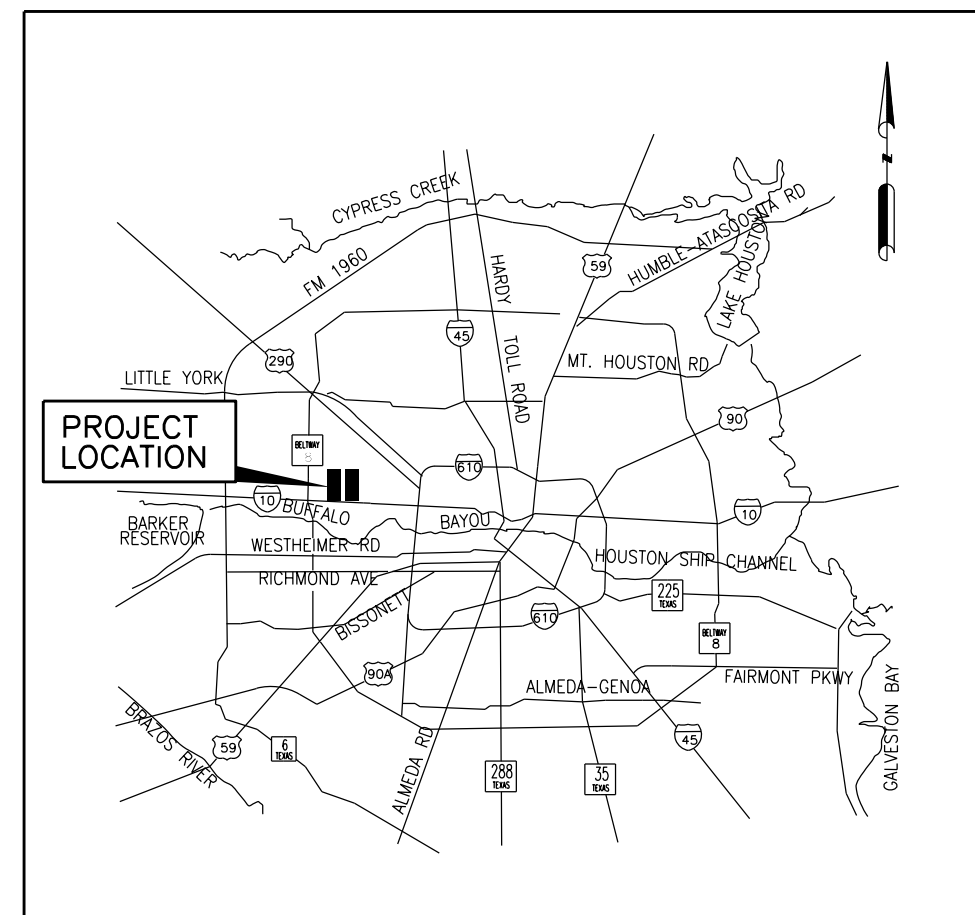
Oliver Pennington

MEMORIAL CITY REDEVELOPMENT AUTHORITY

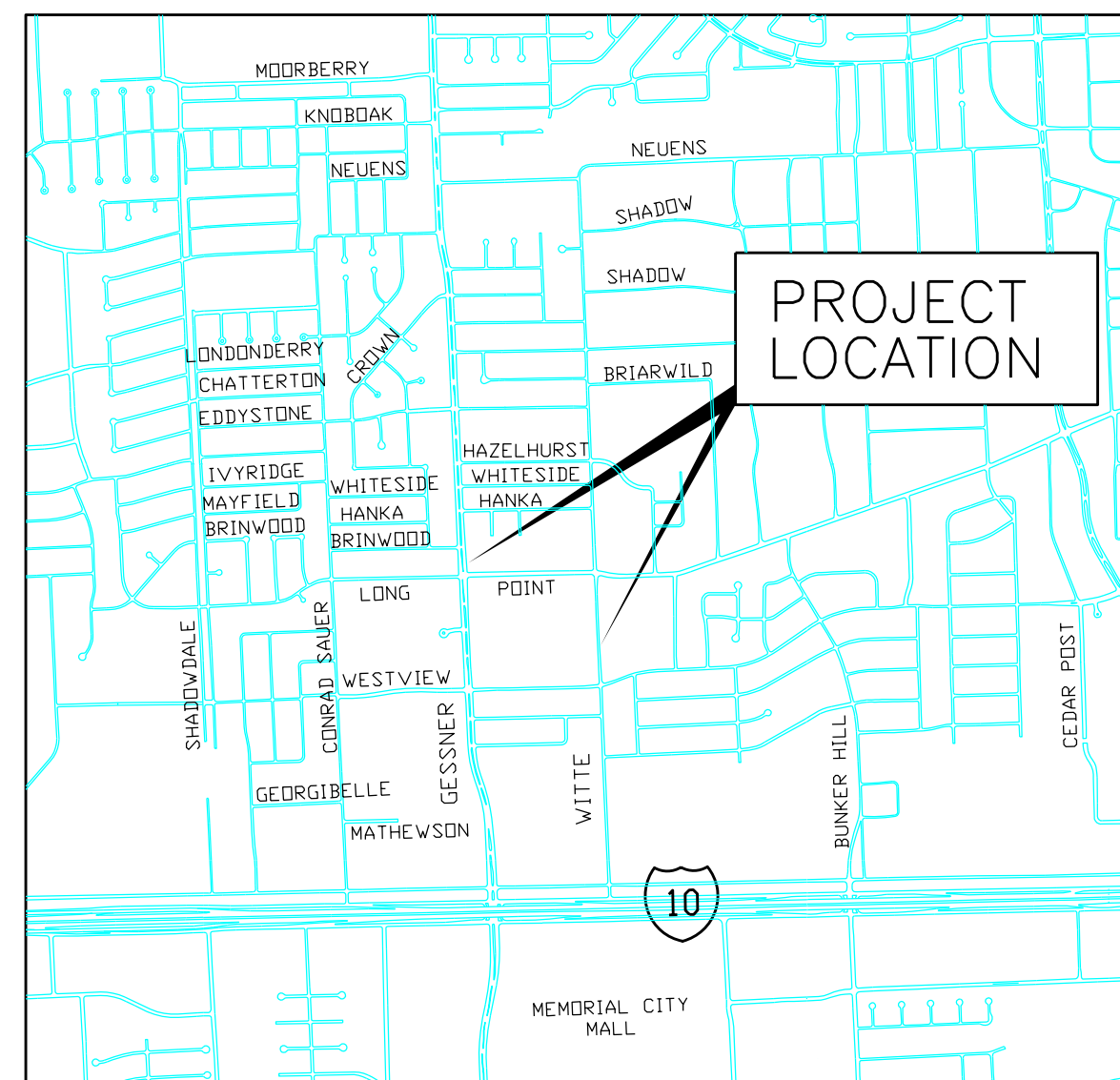
CESSNER & WITTE ROAD ROADWAY AND DRAINAGE IMPROVEMENTS

APPROXIMATELY X,XXX L.F. OF STORM SEWER AND ROADWAY RECONSTRUCTION
FROM IH-10 TO LONG POINT ROAD

WBS NO. T-17000-0010-3



VICINITY MAP
COUNCIL DISTRICT G
NTS



PROJECT LOCATION MAP
KEY MAP 450 W, 490 A
GIMS 4958 D & 5058 C
NTS

TDLR EABPR XXXXXXXXXXXX

On Behalf of
TAX INCREMENT REINVESTMENT ZONE No. 17

OCTOBER 2012

30% SUBMITTAL

NOTIFY CITY OF HOUSTON 48 HOURS BEFORE STARTING CONSTRUCTION

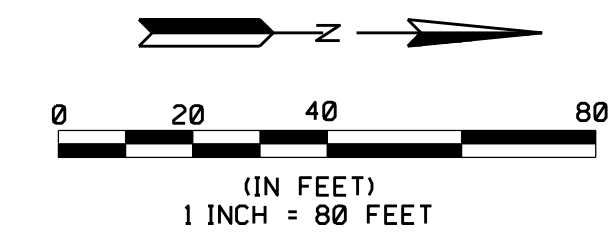
 Lockwood, Andrews & Newnam, Inc. <small>A LEO A DALY COMPANY</small>	INTERIM REVIEW ONLY <small>Document incomplete: not intended for permit, bidding or construction.</small> Engineer: TARA G. BURRER P.E. Serial No.: 99997 Firm: Lockwood, Andrews & Newnam, Inc. Firm No.: 2614 Date: \$DATE\$
	SURVEYED BY: KUO & ASSOCIATE INC. FB NO. XXXXX

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER	TRAFFIC AND TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
STORM WATER	FACILITIES
STREET & BRIDGE	PARK-FORESTRY DEPT

CITY ENGINEER	DATE
DIRECTOR OF PUBLIC WORKS AND ENGINEERING	DATE
SHEET NO 1 OF XX	



LEGEND

- PROP PAVEMENT
- PROP SIDEWALK
- EXIST ROW
- EXIST TOPO
- ① KEY LOCATION

METRO NATIONAL CORP.
(CURRENTLY EMPTY PARKING LOT)

CLOSED DRIVEWAY

1/4 10' W. BOUND FRONTAGE ROAD

MATCHLINE STA 10+00

GESSNER ROAD

MODIFIED DRIVEWAY

PAWN

CVS PHARMACY

RADIOSHACK & AT&T

DETAIL LUBE CENTER

MISTER CAR WASH

1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00

\$DATE\$ \$USER\$NAME\$ \$TIME\$ \$PATH\$

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEAD A DALY COMPANY

TIRZ 17 REDEVELOPMENT AUTHORITY

INTERIM REVIEW ONLY
Document incomplete; not intended for permit, bidding or construction.

Engineer: Tara G. Godwin, P.E.
P.E. Serial No.: 99997
Firm: Lockwood, Andrews & Newnam Inc.
Firm No.: F-2614
Date: \$DATE\$

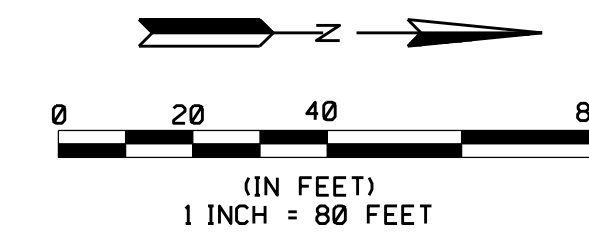
M.A.P. DATE	\$DATE\$
DRN BY	
M.M.A. DATE	\$DATE\$
DRN CKD BY	
M.A.P. DATE	\$DATE\$
DES BY	
M.M.A. DATE	\$DATE\$
DES CKD BY	
APPROVED BY	
DATE	

GESSNER ROAD

GESSNER LAYOUT EXHIBIT SHEET 1 OF 4

CONTRACT NO.	DRAWING NO.	REV.
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SCALE: AS SHOWN



LEGEND

- PROP PAVEMENT
- PROP SIDEWALK
- EXIST ROW
- EXIST TOPO
- ④ KEY LOCATION

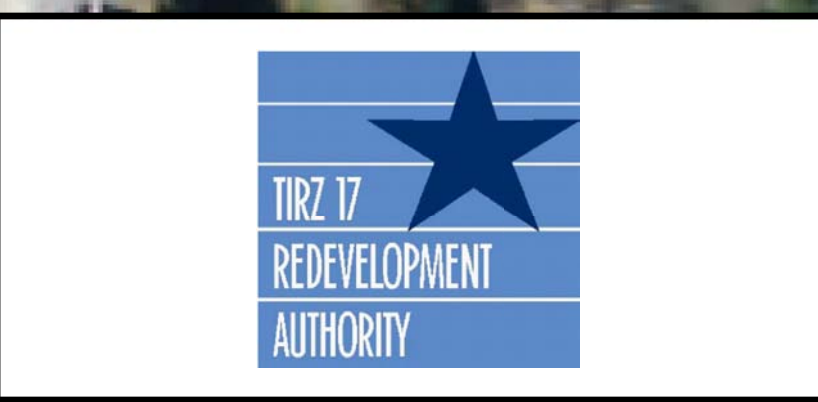


MATCHLINE STA 10+00

MATCHLINE STA 20+00

\$DATE\$ \$USER\$ \$TIME\$ \$PATH\$

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

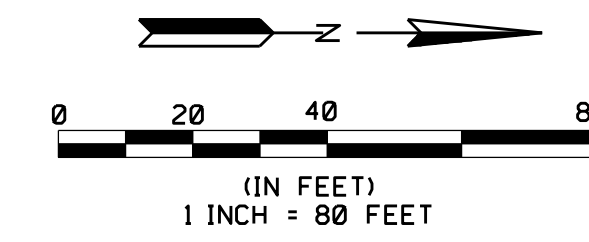


INTERIM REVIEW ONLY
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Engineer: Tara G. Godwin, P.E.
 P.E. Serial No.: 99997
 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: F-2614
 Date: \$DATE\$

M.A.P.	\$DATE\$
DRN BY	DATE
M.M.A.	\$DATE\$
DRN CKD BY	DATE
M.A.P.	\$DATE\$
DES BY	DATE
M.M.A.	\$DATE\$
DES CKD BY	DATE
APPROVED BY	DATE

GESSNER ROAD		
GESSNER LAYOUT EXHIBIT SHEET 2 OF 4		
SCALE: AS SHOWN	CONTRACT NO.	DRAWING NO.
		REV.



LEGEND

- PROP PAVEMENT
- PROP SIDEWALK
- EXIST ROW
- EXIST TOPO
- 8 KEY LOCATION

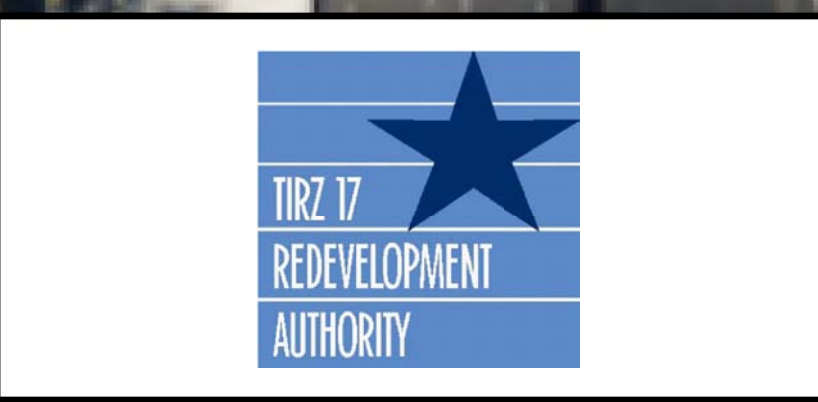


MATCHLINE STA 20+00

MATCHLINE STA 30+00

\$DATE\$ \$USER\$NAME\$ \$TIME\$ \$PATH\$

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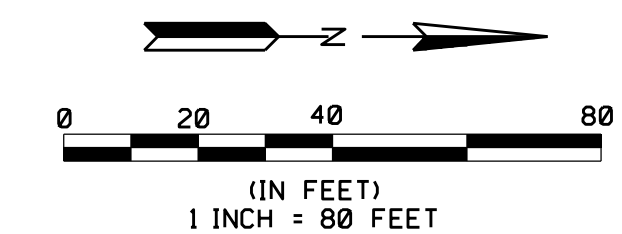
Engineer: Tara G. Godwin, P.E.
 P.E. Serial No.: 99997
 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: F-2614
 Date: \$DATE\$

M.A.P. DRN BY	\$DATE\$
M.M.A. DRN CKD BY	\$DATE\$
M.A.P. DES BY	\$DATE\$
M.M.A. DES CKD BY	\$DATE\$
APPROVED BY	DATE

GESSNER ROAD

**GESSNER LAYOUT EXHIBIT
SHEET 3 OF 4**

CONTRACT NO.	DRAWING NO.	REV.
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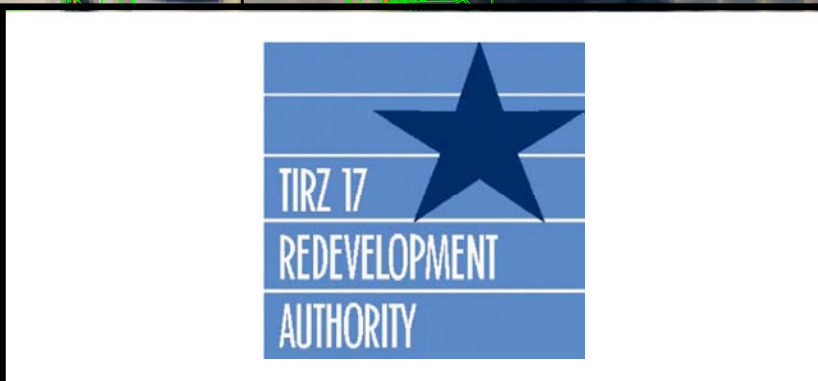
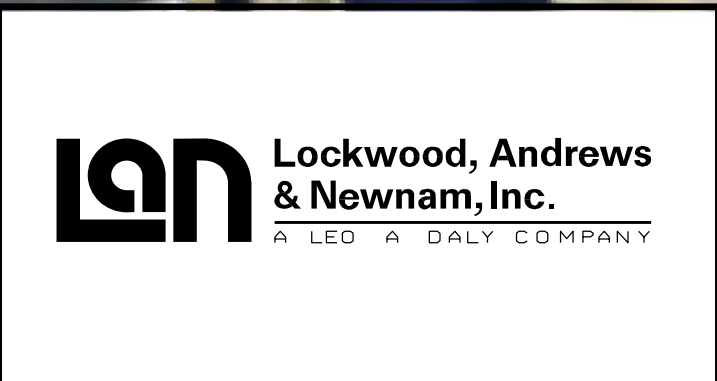
- LEGEND**
- PROP PAVEMENT
 - PROP SIDEWALK
 - EXIST ROW
 - EXIST TOPO
 - ⑨ KEY LOCATION



MATCHLINE STA 30+00

\$USERNAMES \$TIMES \$PATHS \$DATES

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP



INTERIM REVIEW ONLY
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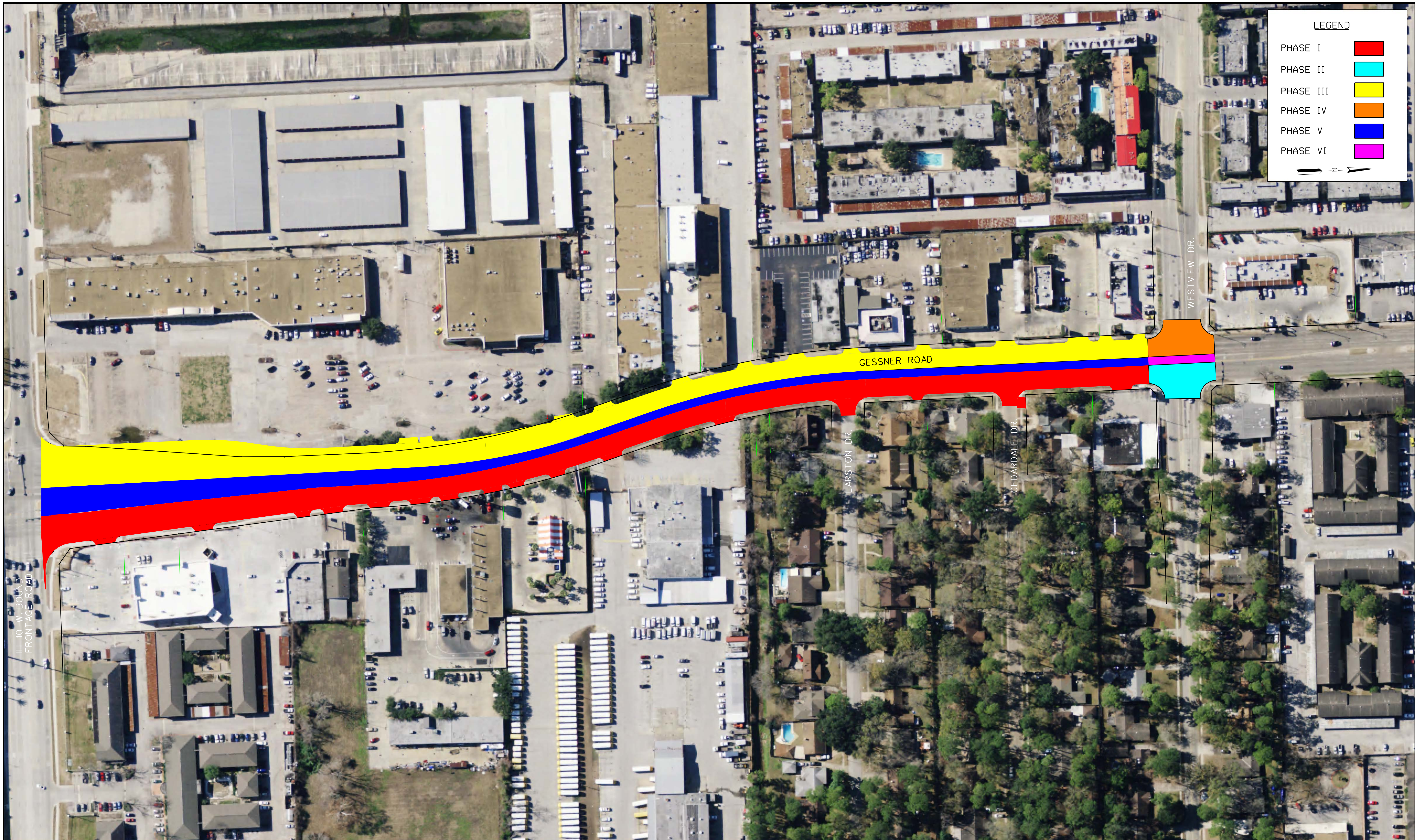
Engineer: Tara G. Godwin, P.E.
 P.E. Serial No.: 99997
 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: F-2614
 Date: \$DATES

M.A.P.	\$DATES
DRN BY	DATE
M.M.A.	\$DATES
DRN CKD BY	DATE
M.A.P.	\$DATES
DES BY	DATE
M.M.A.	\$DATES
DES CKD BY	DATE
APPROVED BY	DATE
SCALE: AS SHOWN	

GESSNER ROAD

GESSNER LAYOUT EXHIBIT
SHEET 4 OF 4

CONTRACT NO.	DRAWING NO.	REV.
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LEGEND

- PHASE I
- PHASE II
- PHASE III
- PHASE IV
- PHASE V
- PHASE VI

\$DATES \$USERSNAMES \$TIMES \$PATHS

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEOPOLD COMPANY

**TIRZ 17
REDEVELOPMENT
AUTHORITY**

INTERIM REVIEW ONLY

Document incomplete: not intended for permit, bidding or construction.

Engineer: Tara G. Godwin, P.E.
 P.E. Serial No.: 99997
 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: F-2614
 Date: \$DATES

DRN BY	M.J.G.	DATE	\$DATES
DRN CKD BY	T.G.B.	DATE	\$DATES
DES BY	M.J.G.	DATE	\$DATES
DES CKD BY	T.G.B.	DATE	\$DATES
APPROVED BY		DATE	
SCALE: AS SHOWN			

GESSNER ROAD

CONSTRUCTION PHASING

APPENDIX E.4.a

(1 OF 2)

CONTRACT NO.	DRAWING NO.	REV.
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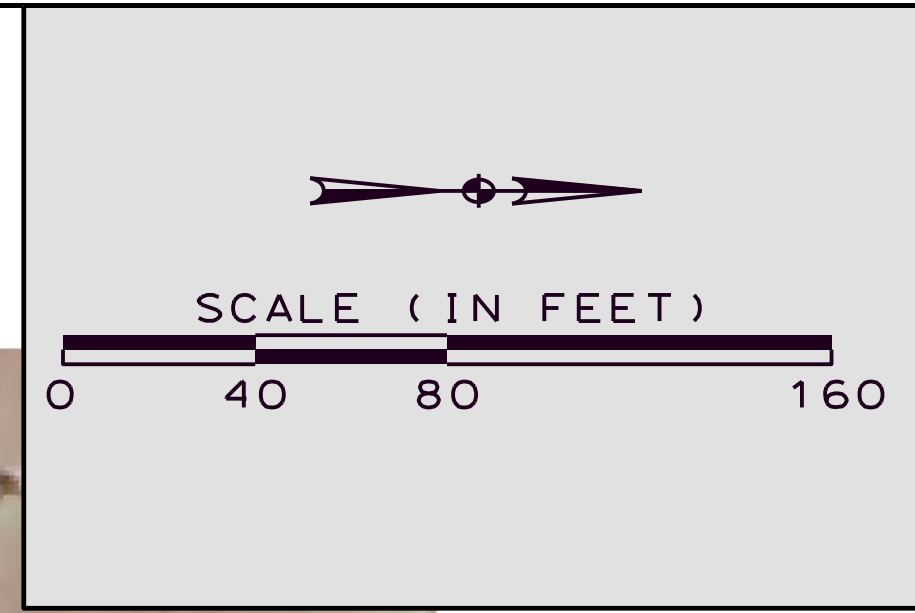


EXHIBIT
1

INTERIM REVIEW ONLY
Document incomplete; not intended for permit, bidding or construction.

Engineer: Michael A. Feeney, PE
P.E. Serial No.: 00417
Firm: Lockwood, Andrews & Newnam Inc.
Date: July 20, 2009

**NORTH GESSNER PROJECT
PROPOSED IMPROVEMENTS**

MEMORIAL CITY REDEVELOPMENT AUTHORITY, TIRZ 17

DATE: JULY 2009

LAN
**Lockwood, Andrews
Newnam, Inc.**
LEO A DALY COMPANY

LEGEND	
	EXISTING CONDITIONS
	PROPOSED CONDITIONS
	PROPOSED TRAFFIC SIGN
	EXISTING DIRECTION ARROW
	SIGNALIZED INTERSECTION
	PROPOSED DIRECTION ARROW

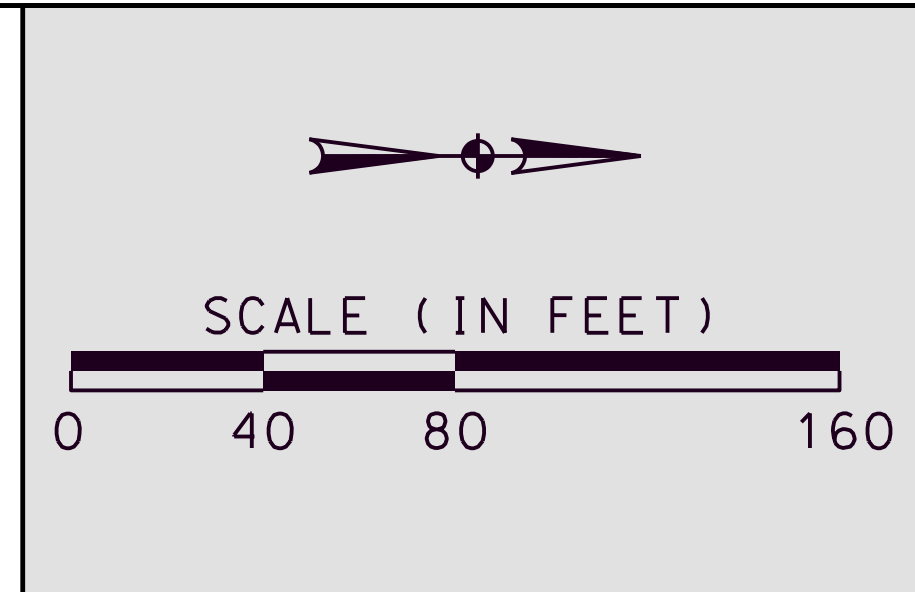


EXHIBIT
2

INTERIM REVIEW ONLY
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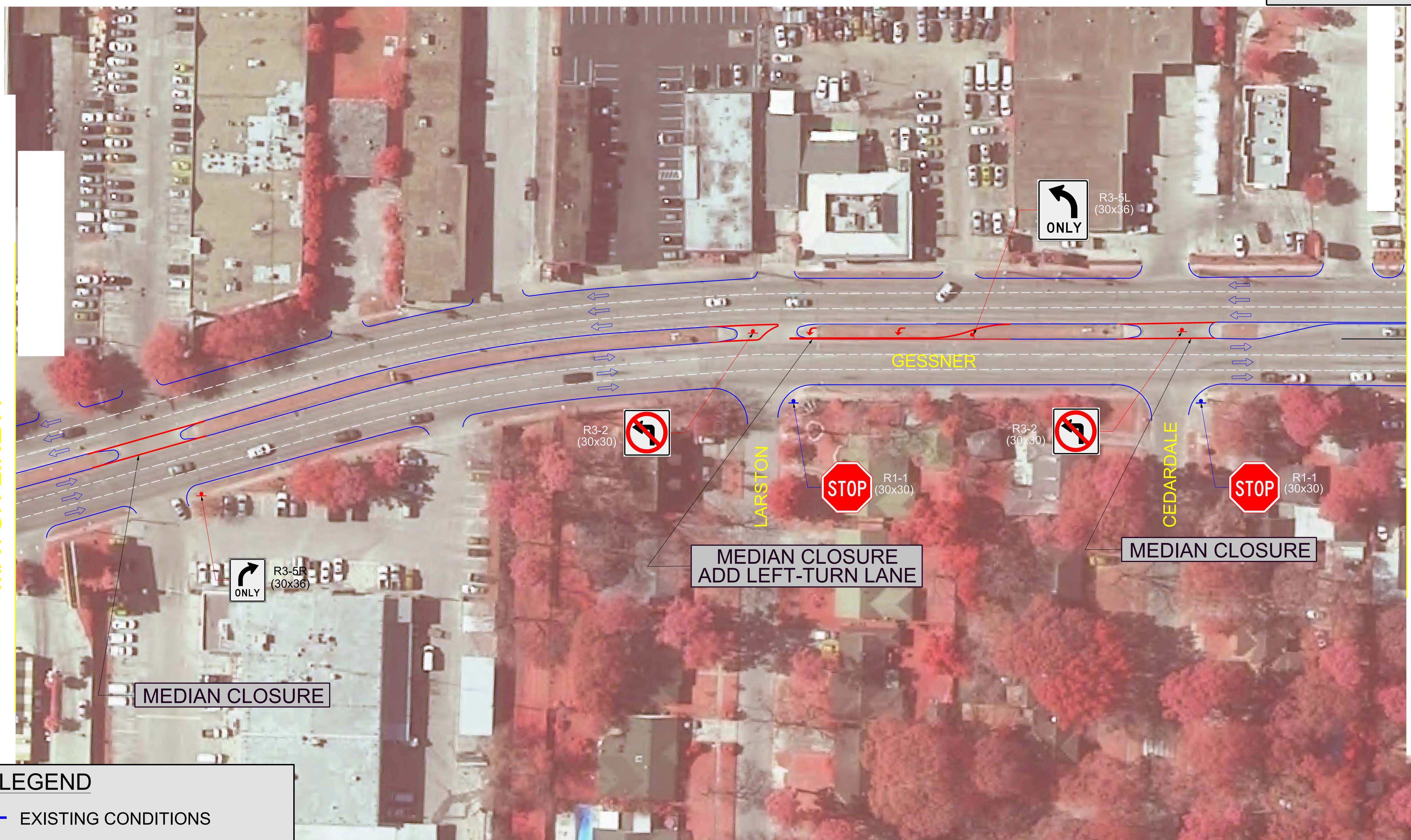
Engineer: Michael A. Feeney, PE
P.E. Serial No.: 90417
Firm: Lockwood, Andrews & Newnam Inc.
Firm No.: 2614
Date: July 20, 2009

**NORTH GESSNER PROJECT
PROPOSED IMPROVEMENTS**

MEMORIAL CITY REDEVELOPMENT AUTHORITY, TIRZ 17

**Lockwood, Andrews
Newnam, Inc.**
LEO A DALY COMPANY

DATE: JULY 2009



MATCH LINE A

MATCH LINE B

LEGEND

- EXISTING CONDITIONS
- PROPOSED CONDITIONS
- PROPOSED TRAFFIC SIGN
- ↑ EXISTING DIRECTION ARROW

MEDIAN CLOSURE

MEDIAN CLOSURE
ADD LEFT-TURN LANE

MEDIAN CLOSURE

R3-5R
(30x36)
ONLY

R3-5L
(30x36)
ONLY

R3-2
(30x30)

R3-2
(30x30)

R1-1
(30x30)

R1-1
(30x30)

LARSTON

CEDARDALE

GESSNER

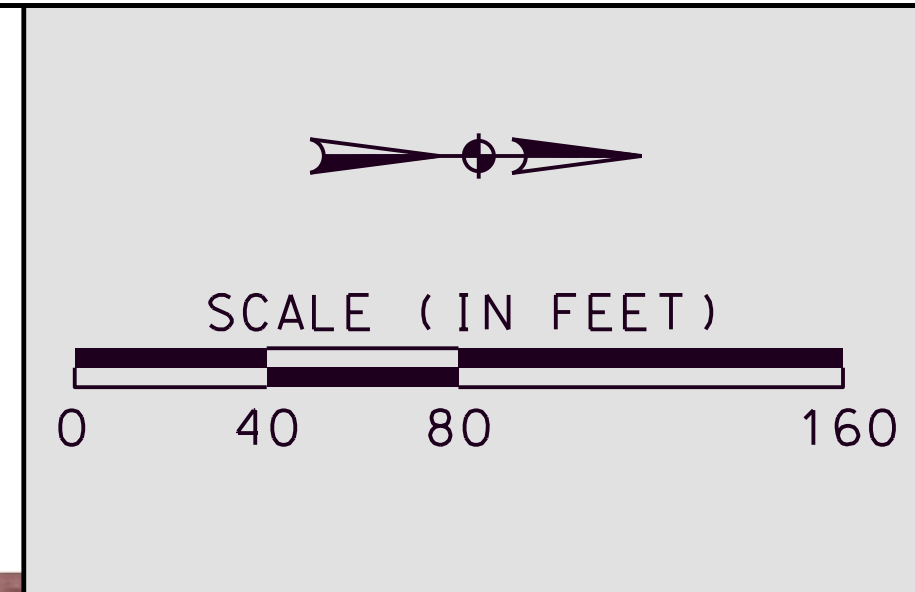


EXHIBIT
3

INTERIM REVIEW ONLY
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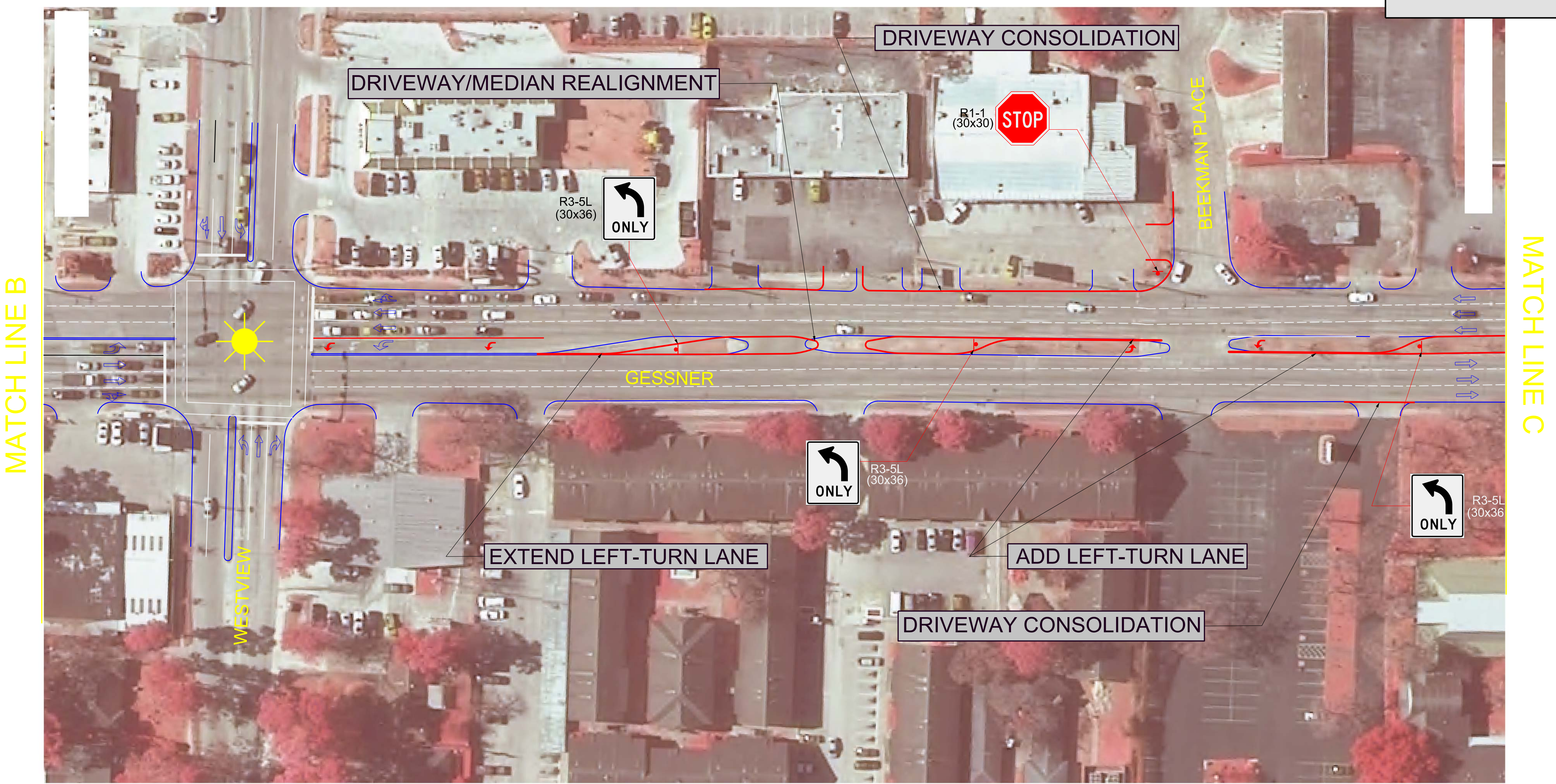
Engineer: Michael A. Feeney, PE
P.E. Serial No.: 00417
Firm: Lockwood, Andrews & Newnam Inc.
Firm No.: 2614
Date: July 20, 2009

**NORTH GESSNER PROJECT
PROPOSED IMPROVEMENTS**

MEMORIAL CITY REDEVELOPMENT AUTHORITY, TIRZ 17

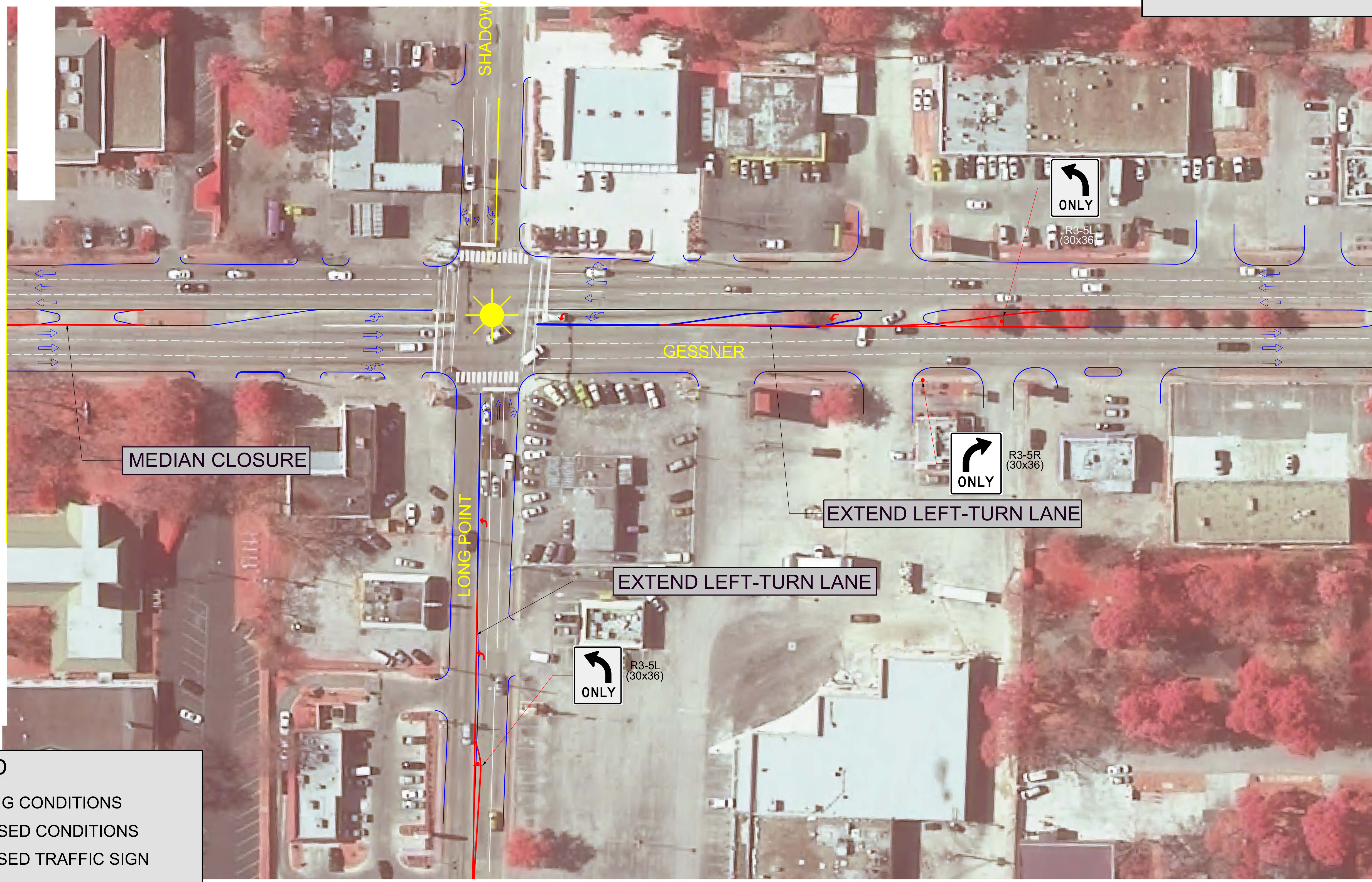
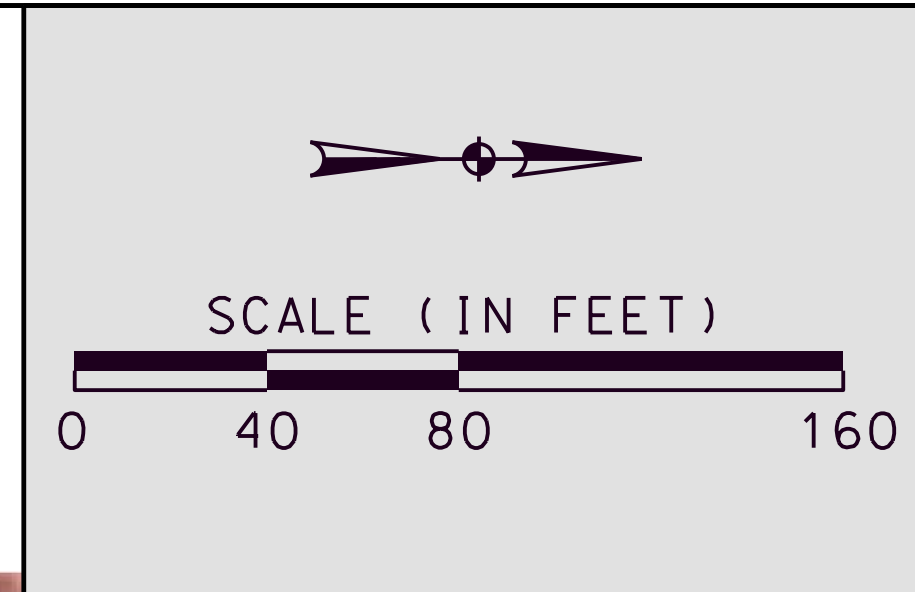
DATE: JULY 2009

LAN
**Lockwood, Andrews
Newnam, Inc.**
LEO A DALY COMPANY



LEGEND

	EXISTING CONDITIONS
	PROPOSED CONDITIONS
	PROPOSED TRAFFIC SIGN
	EXISTING DIRECTION ARROW
	SIGNALIZED INTERSECTION
	PROPOSED DIRECTION ARROW



MATCH LINE C

SHADOW OAKS

GESSNER

MEDIAN CLOSURE

LONG POINT

EXTEND LEFT-TURN LANE

EXTEND LEFT-TURN LANE

ONLY

ONLY

ONLY

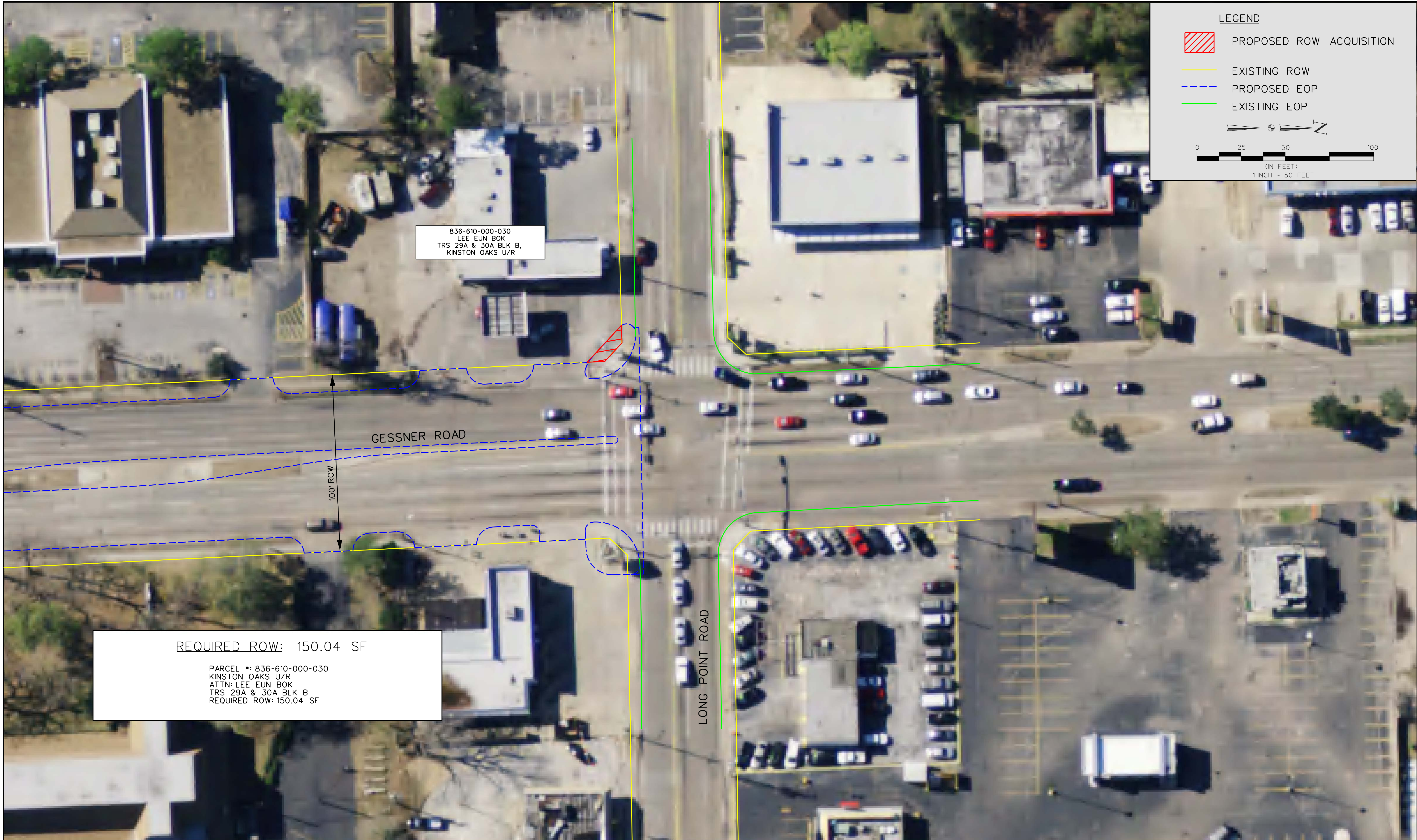
LEGEND

	EXISTING CONDITIONS
	PROPOSED CONDITIONS
	PROPOSED TRAFFIC SIGN
	EXISTING DIRECTION ARROW
	SIGNALIZED INTERSECTION
	PROPOSED DIRECTION ARROW

**NORTH GESSNER PROJECT
 PROPOSED IMPROVEMENTS**

MEMORIAL CITY REDEVELOPMENT AUTHORITY, TIRZ 17

DATE: JULY 2009



836-610-000-030
LEE EUN BOK
TRS 29A & 30A BLK B,
KINSTON OAKS U/R

REQUIRED ROW: 150.04 SF
PARCEL #: 836-610-000-030
KINSTON OAKS U/R
ATTN: LEE EUN BOK
TRS 29A & 30A BLK B
REQUIRED ROW: 150.04 SF

LEGEND

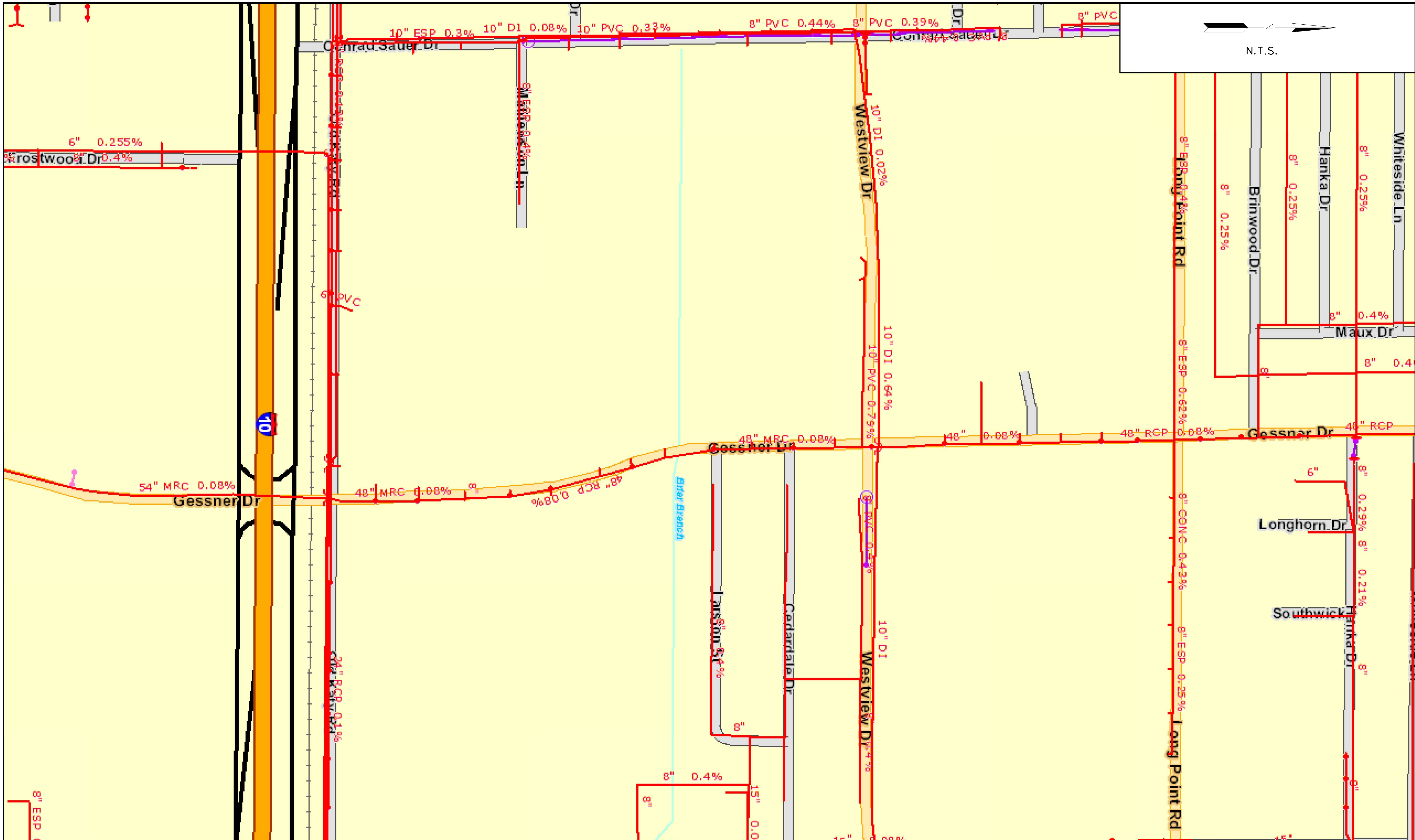
- PROPOSED ROW ACQUISITION
- EXISTING ROW
- PROPOSED EOP
- EXISTING EOP

0 25 50 100
 (IN FEET)
 1 INCH = 50 FEET

\$PATHS
\$TIMES
\$USERSNAME\$
\$DATES\$

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

		INTERIM REVIEW ONLY <small>Document incomplete: not intended for permit, bidding or construction.</small>	DRN BY _____ DATE _____ DRN CKD BY _____ DATE _____ DES BY _____ DATE _____ DES CKD BY _____ DATE _____ APPROVED BY _____ DATE _____	GESSNER ROAD PROPOSED ACQUISITION APPENDIX E.5.b
		<small>Engineer: Tara G. Godwin, P.E. P.E. Serial No.: 99997 Firm: Lockwood, Andrews & Newnam Inc. Firm No.: F-2614 Date: \$DATES</small>	SCALE: AS SHOWN	CONTRACT NO. _____ DRAWING NO. _____ REV. _____



\$DATES \$USERNAMES \$TIMES \$SPATHS

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEONARDY COMPANY

TIRZ 17
REDEVELOPMENT
AUTHORITY

INTERIM REVIEW ONLY
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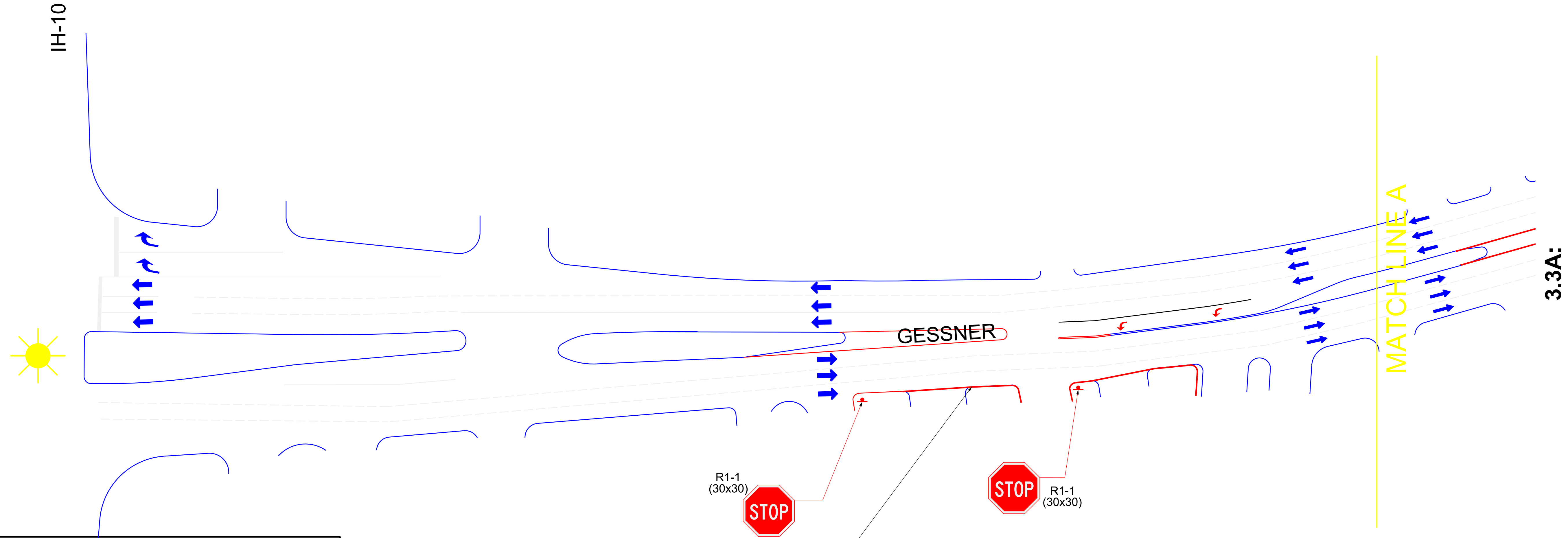
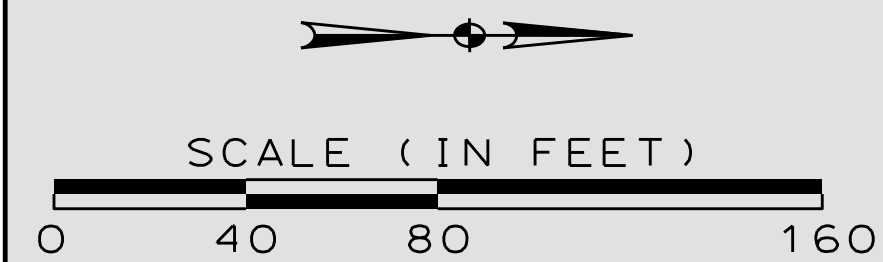
Engineer: Tara G. Godwin, P.E.
P.E. Serial No.: 99997
Firm: Lockwood, Andrews & Newnam Inc.
Firm No.: F-2614
Date: \$DATES

DRN BY	DATE
DRN CKD BY	DATE
DES BY	DATE
DES CKD BY	DATE
APPROVED BY	DATE

GESSNER ROAD

EXHIBIT 4
EXISTING SANITARY SEWER

CONTRACT NO.	DRAWING NO.	REV.



LEGEND	
	EXISTING CONDITIONS
	PROPOSED CONDITIONS
	PROPOSED TRAFFIC SIGN
	EXISTING TRAFFIC ARROW
	EXISTING SIGNALIZED INTERSECTION
	PROPOSED TRAFFIC ARROW

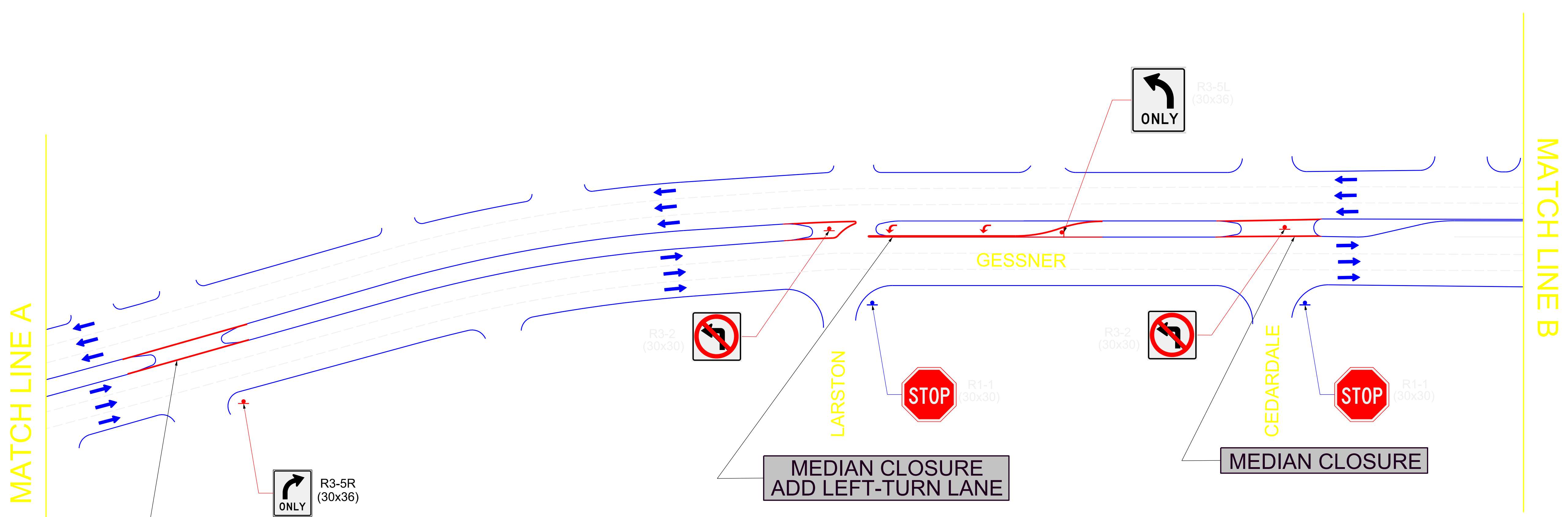
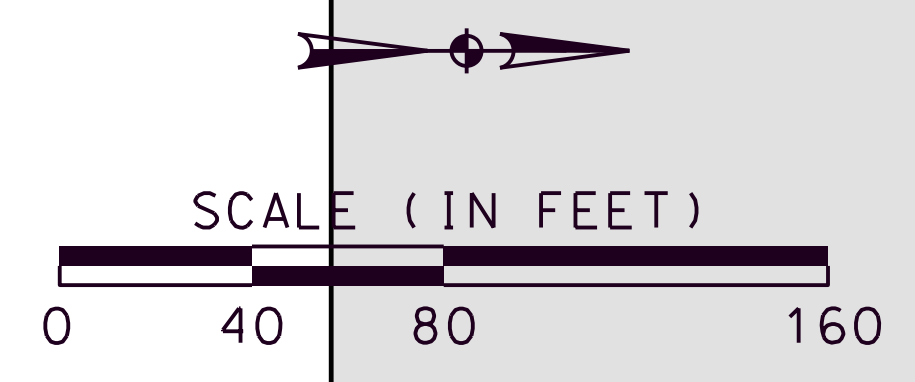
Lockwood, Andrews & Newnam, Inc.
A LEONARDI COMPANY

INTERIM REVIEW ONLY
Document incomplete: not intended for permit, bidding or construction.
Engineer: Michael A. Feeney, PE
P.E. Serial No.: 90417
Firm: Lockwood, Andrews & Newnam Inc.
Firm No.: 2614
Date: July 20, 2009

**EXHIBIT 3.3 AGESSNER ROAD
RECOMMENDED TRAFFIC
OPERATIONAL IMPROVEMENTS**

DRW BY:	CADD	09/09
DRW CHK BY:	CADD	09/09
DSN BY:	CADD	09/09
DSN CHK BY:	CADD	09/09
APPROVED BY:	CADD	09/09
SCALE:	AS SHOWN	
AERIAL:	2008	

SHEET
10



3.3B:

2

LEGEND

- EXISTING CONDITIONS
- PROPOSED CONDITIONS
- PROPOSED TRAFFIC SIGN
- ↑ EXISTING TRAFFIC ARROW

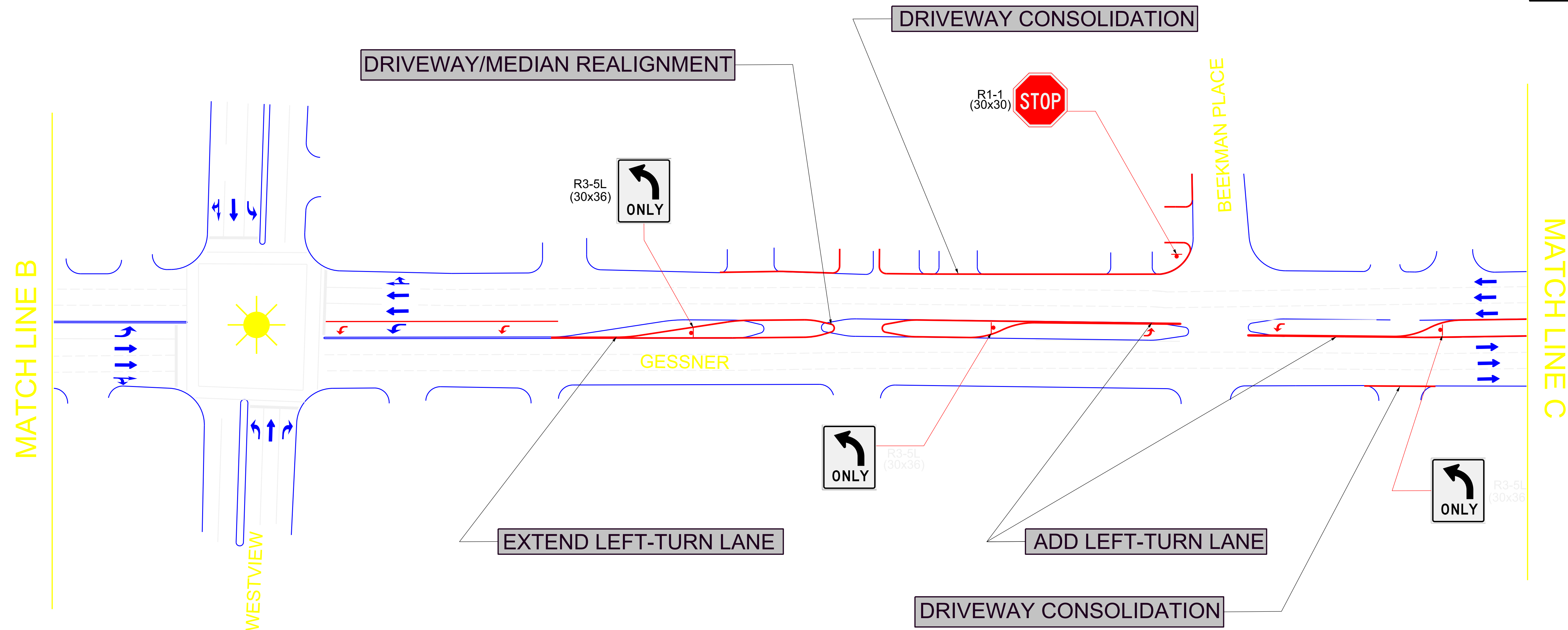
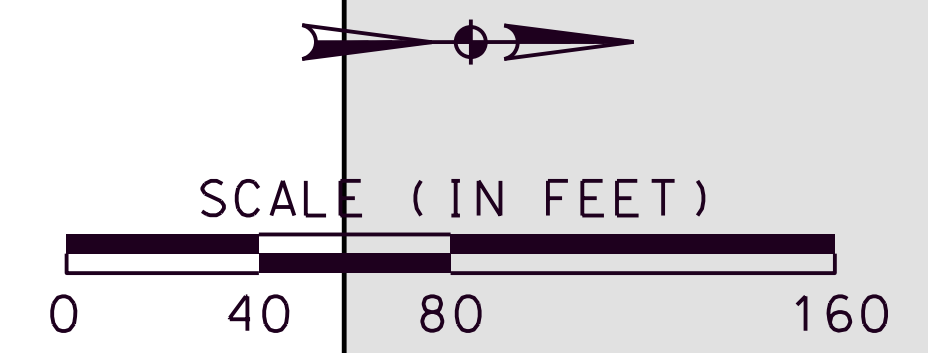
MEDIAN CLOSURE

Lockwood, Andrews & Newnam, Inc.
A LEONARDY COMPANY

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Engineer: Michael A. Feeney, PE
P.E. Serial No.: 90417
Firm: Lockwood, Andrews & Newnam Inc.
Firm No.: 2614
Date: July 20, 2009

**EXHIBIT GESSNER ROAD
RECOMMENDED TRAFFIC
OPERATIONAL IMPROVEMENTS**

CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
AS SHOWN	
2008	



3.3C:

3

LEGEND

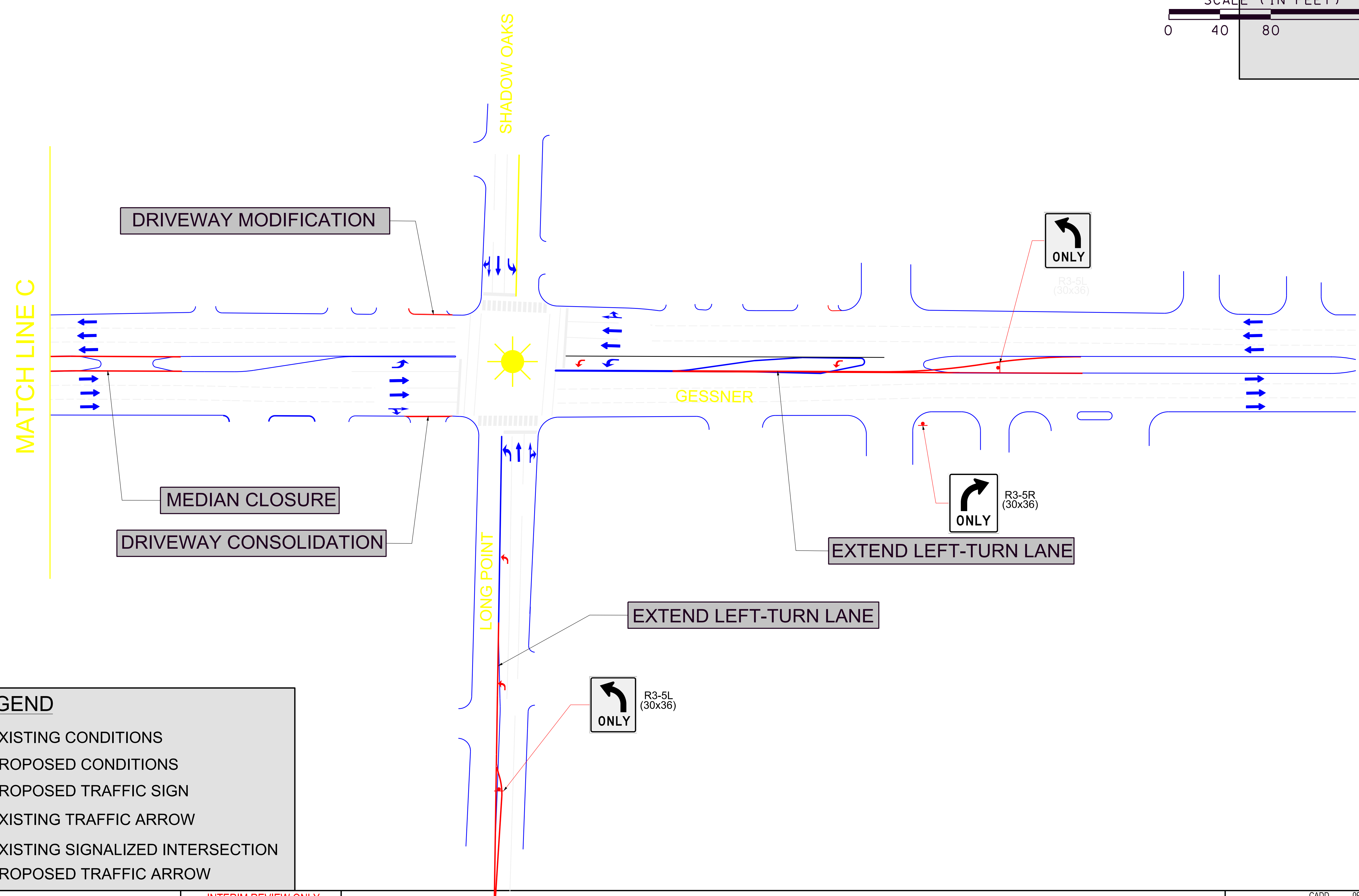
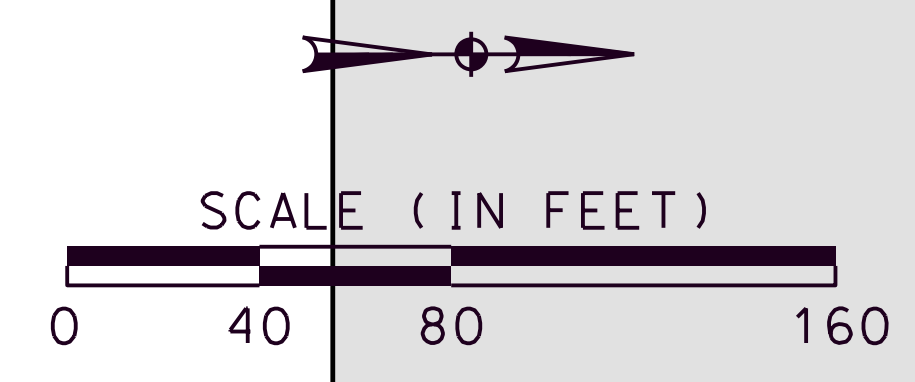
- EXISTING CONDITIONS
- PROPOSED CONDITIONS
- ↑ PROPOSED TRAFFIC SIGN
- ↑ EXISTING TRAFFIC ARROW
- ☀ EXISTING SIGNALIZED INTERSECTION
- ↑ PROPOSED TRAFFIC ARROW



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 Firm No.: 2614
 Date: July 20, 2009

**EXHIBIT GESSNER ROAD
 RECOMMENDED TRAFFIC
 OPERATIONAL IMPROVEMENTS**

CADD 09/09
 CADD 09/09
 CADD 09/09
 CADD 09/09
 CADD 09/09
 AS SHOWN
 2008



3.3D:

4

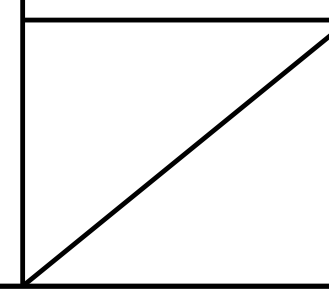
LEGEND	
	EXISTING CONDITIONS
	PROPOSED CONDITIONS
	PROPOSED TRAFFIC SIGN
	EXISTING TRAFFIC ARROW
	EXISTING SIGNALIZED INTERSECTION
	PROPOSED TRAFFIC ARROW

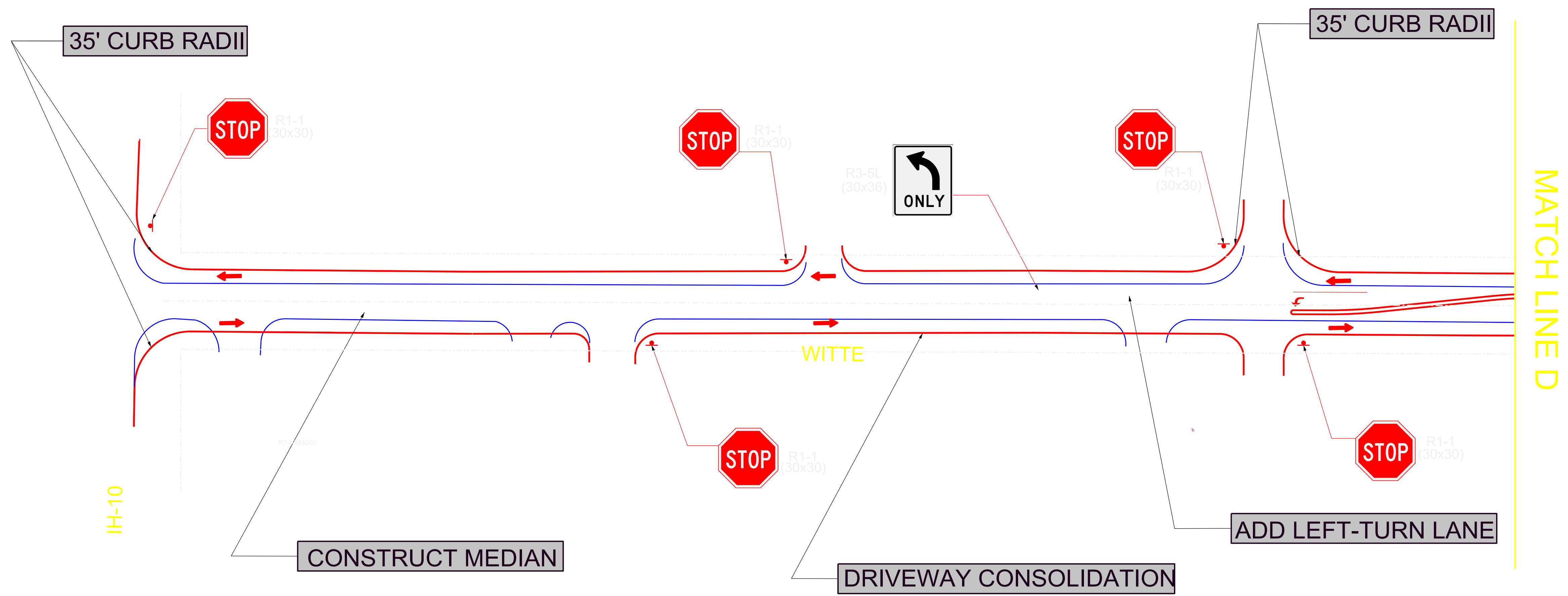
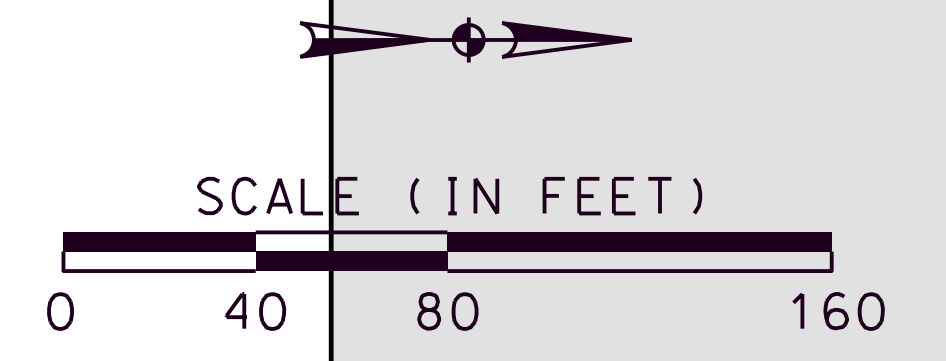
Lockwood, Andrews & Newnam, Inc.
A LEONARD D'ALY COMPANY

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Engineer: Michael A. Feeney, PE
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Date: July 20, 2009

**EXHIBIT GESSNER ROAD
RECOMMENDED TRAFFIC
OPERATIONAL IMPROVEMENTS**

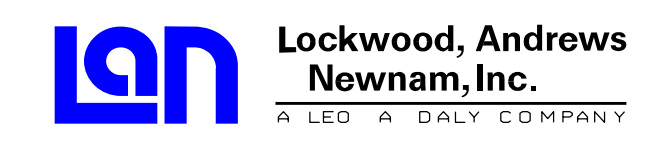
CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
AS SHOWN	
2008	





EXISTING SIGNALIZED INTERSECTION
 PROPOSED TRAFFIC ARROW

3.4A: 5

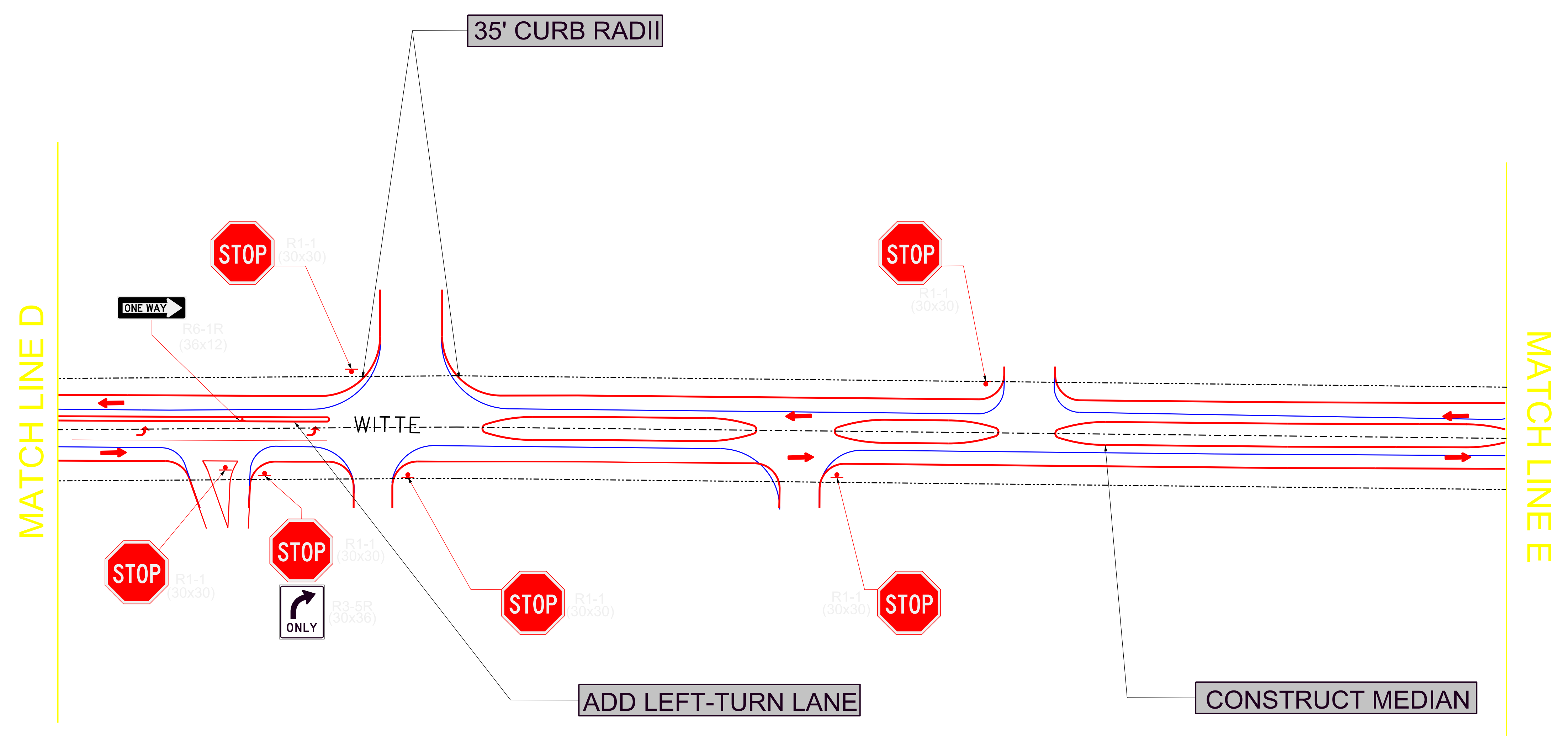
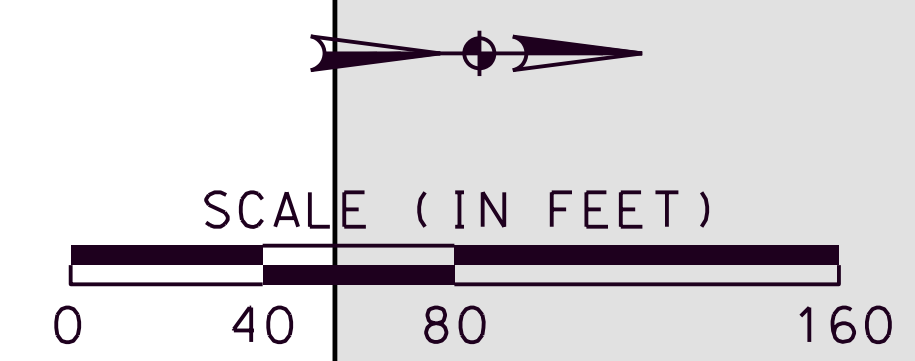


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 Engineer: Michael A. Feeney, PE
 P.E. Serial No.: 90417
 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: 2614
 Date: July 20, 2009

**ITTE ROAD
 ED TRAFFIC
 OPERATIONAL IMPROVEMENTS**

DRW BY:	CADD	09/09
DRW CHK BY:	CADD	09/09
DSN BY:	CADD	09/09
DSN CHK BY:	CADD	09/09
APPROVED BY:	CADD	09/09
SCALE:	AS SHOWN	
AERIAL:	2008	

SHEET
10



3.4B:

6

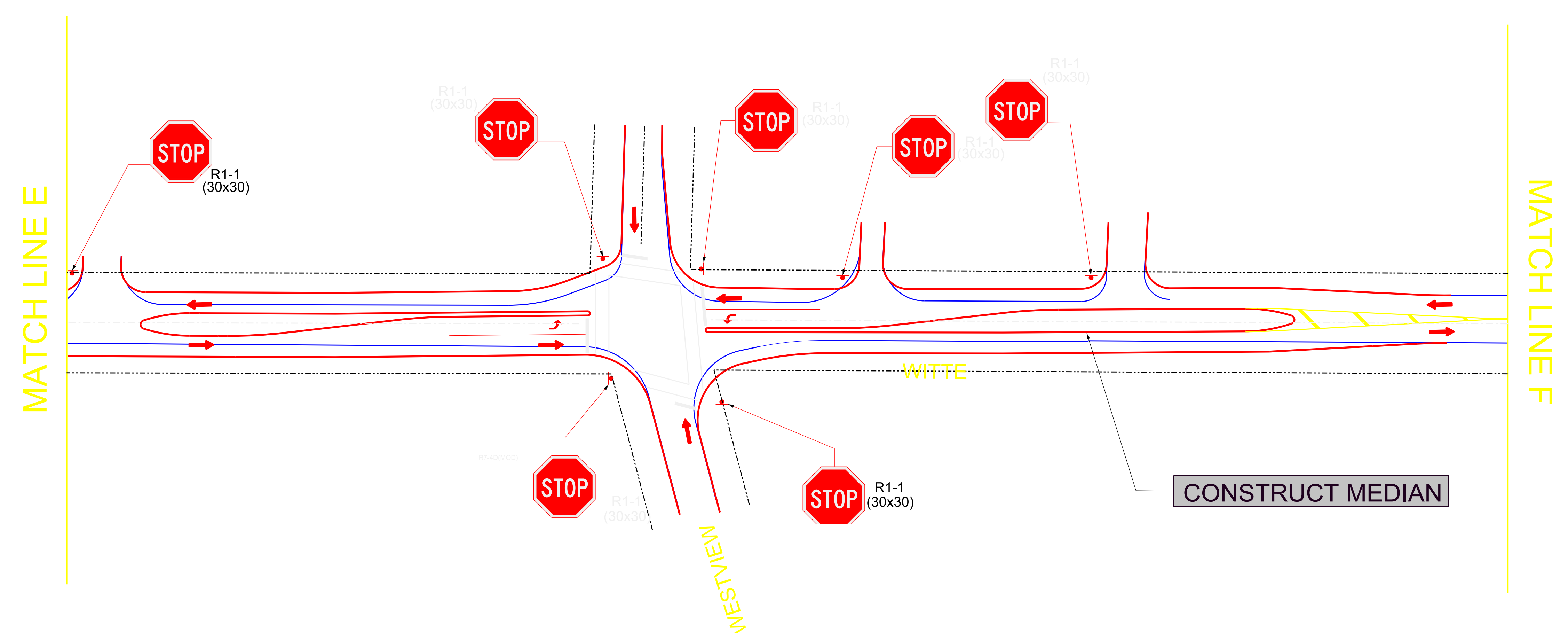
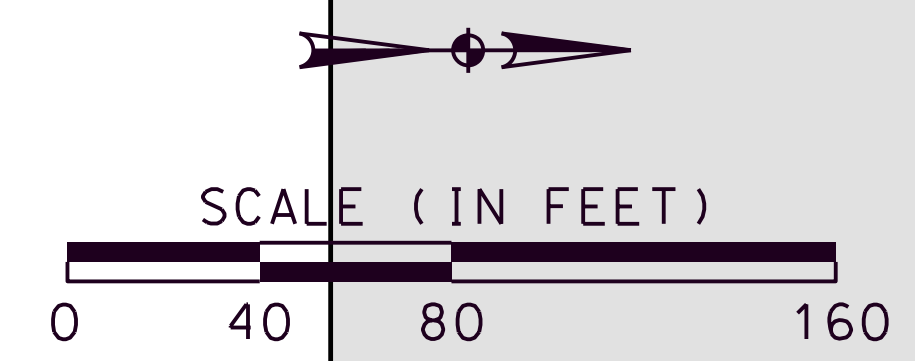
EXISTING SIGNALIZED INTERSECTION
 PROPOSED TRAFFIC ARROW



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 Firm No.: 2614
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**ITTE ROAD
 ED TRAFFIC
 OPERATIONAL IMPROVEMENTS**

CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
AS SHOWN	
2008	



3.4C:

7

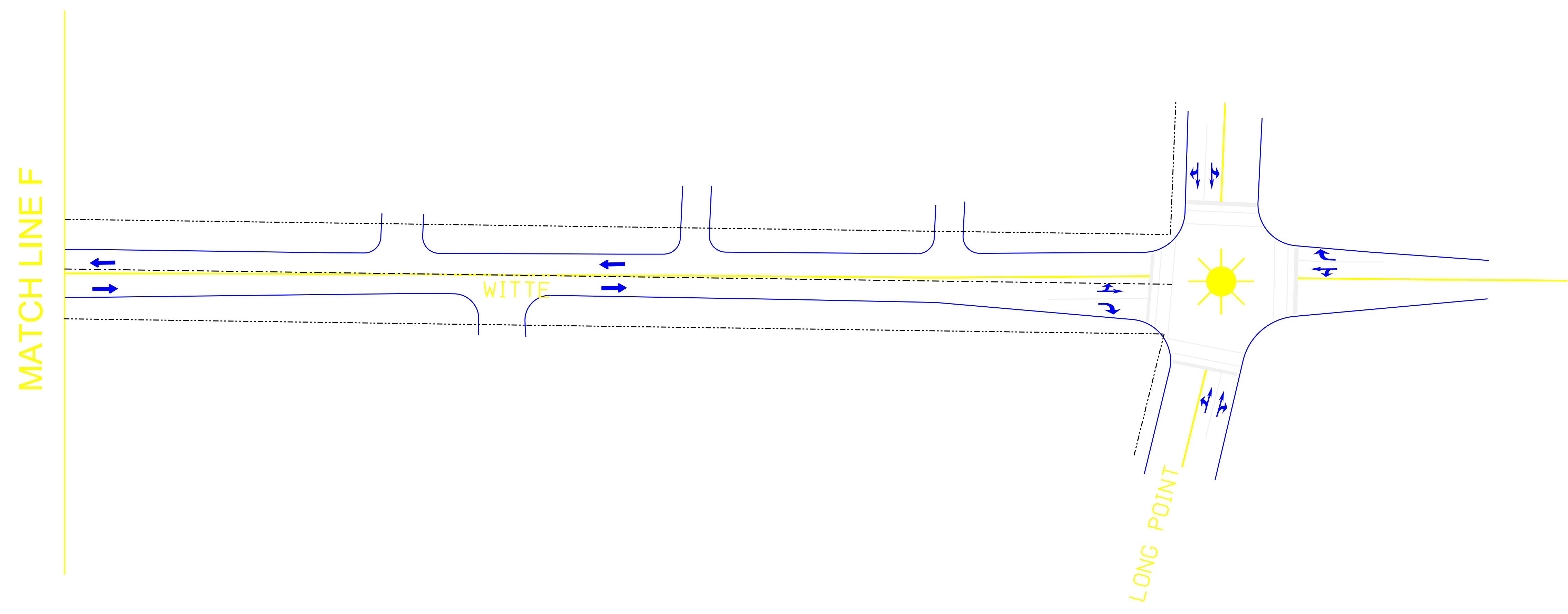
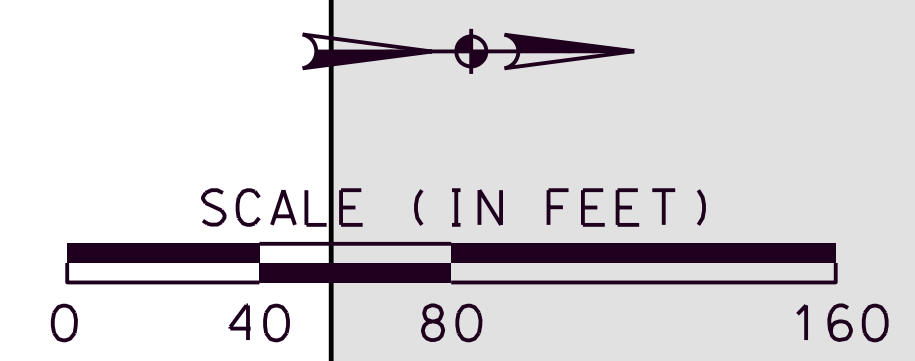
EXISTING SIGNALIZED INTERSECTION
 PROPOSED TRAFFIC ARROW



INTERIM REVIEW ONLY
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 Engineer: Michael A. Feeney, PE
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 Firm No.: 2614
 Date: July 20, 2009

**ITTE ROAD
 ED TRAFFIC
 OPERATIONAL IMPROVEMENTS**

CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
AS SHOWN	
2008	



3.4D:

8

EXISTING SIGNALIZED INTERSECTION
 PROPOSED TRAFFIC ARROW



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 Engineer: Michael A. Feeney, PE
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 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: 2614
 Date: July 20, 2009

**ITTE ROAD
 ED TRAFFIC
 OPERATIONAL IMPROVEMENTS**

CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
AS SHOWN	
2008	

LEGEND

EXIST ROW
 PROP ROW
 PROP TRAFFIC FLOW
 EXIST TRAFFIC FLOW

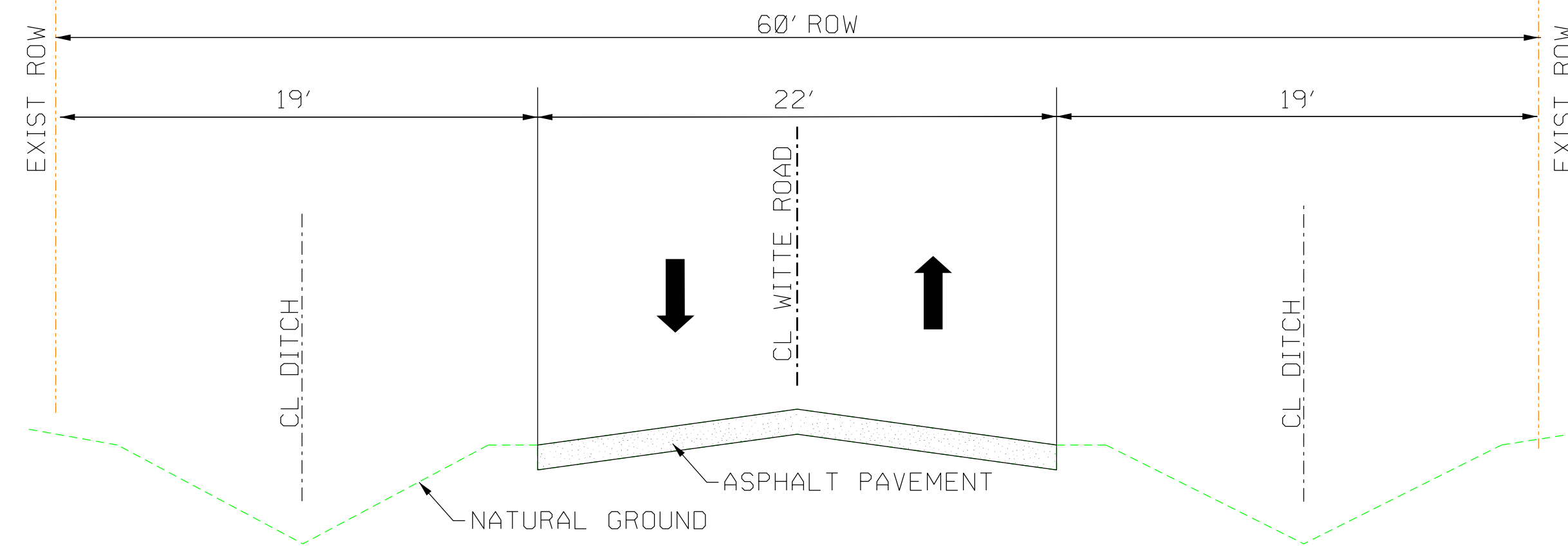
EXHIBIT
1

**EXHIBIT 4.3 PROPOSED TYPICAL SECTIONS ALTERNATIVES
 - WITTE ROAD**

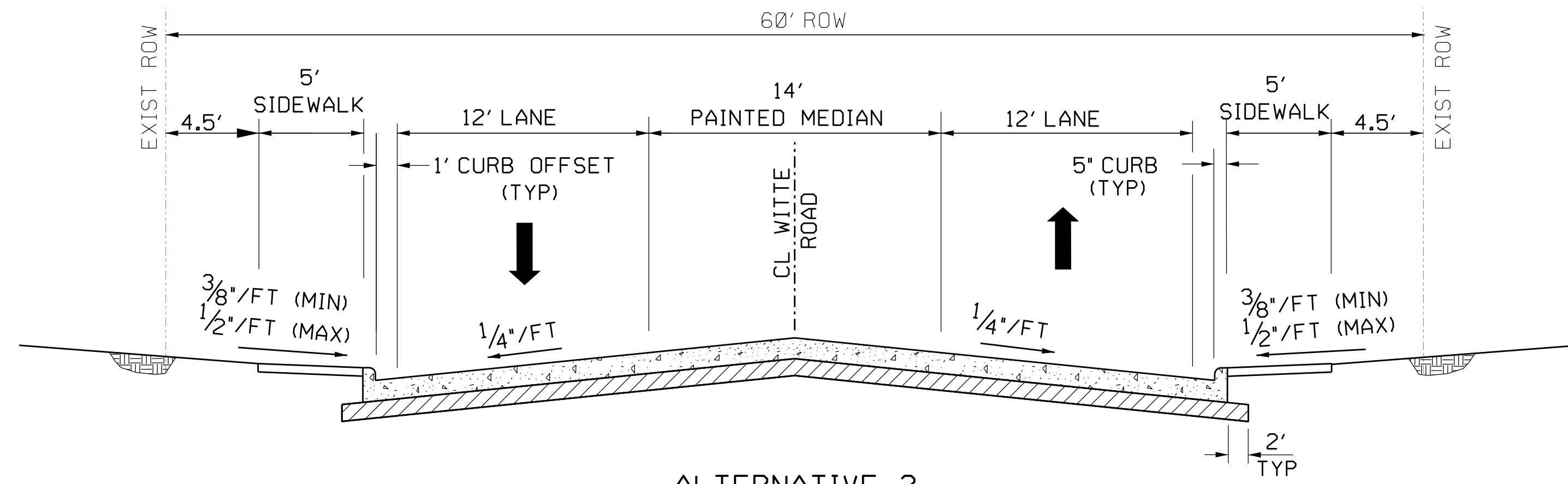
SHEET 2 OF 3

DATE: JULY 2009

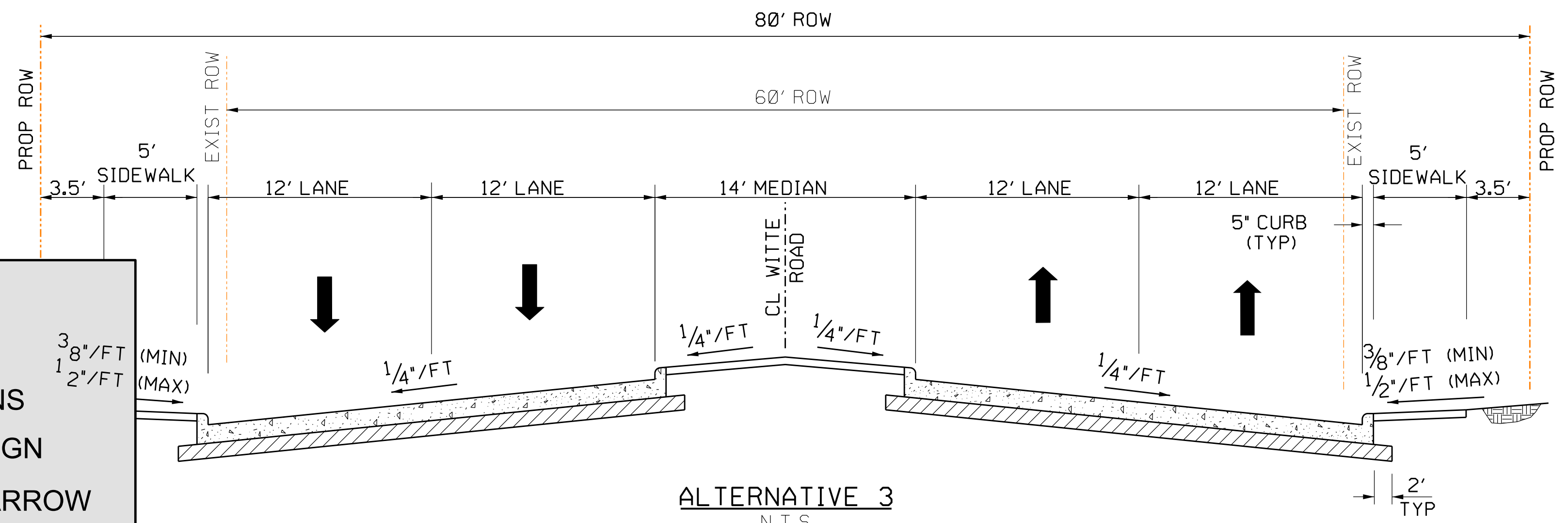
**Lockwood, Andrews
 Newnam, Inc.**
 LEO A DALY COMPANY



ALTERNATIVE 1
 N.T.S.



ALTERNATIVE 2
 N.T.S.



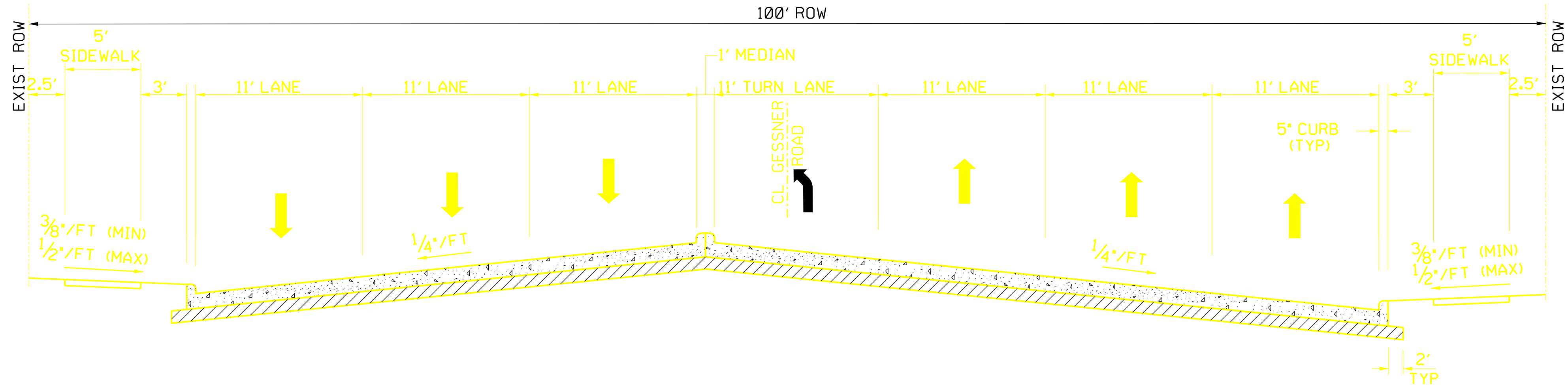
ALTERNATIVE 3
 N.T.S.

LEGEND

EXISTING CONDITIONS
 PROPOSED CONDITIONS
 PROPOSED TRAFFIC SIGN
 EXISTING DIRECTION ARROW
 SIGNALIZED INTERSECTION
 PROPOSED DIRECTION ARROW

DESIGN SPEED XX MPH

SIGNALIZED INTERSECTION
PROPOSED DIRECTION ARROW



ALTERNATIVE 3
LEFT TURN LANE
N.T.S.

DESIGN SPEED XX MPH

- - - - - EXIST ROW
 - - - - - PROP ROW
 - - - - - PROP TRAFFIC FLOW
 - - - - - EXIST TRAFFIC FLOW

EXHIBIT

1

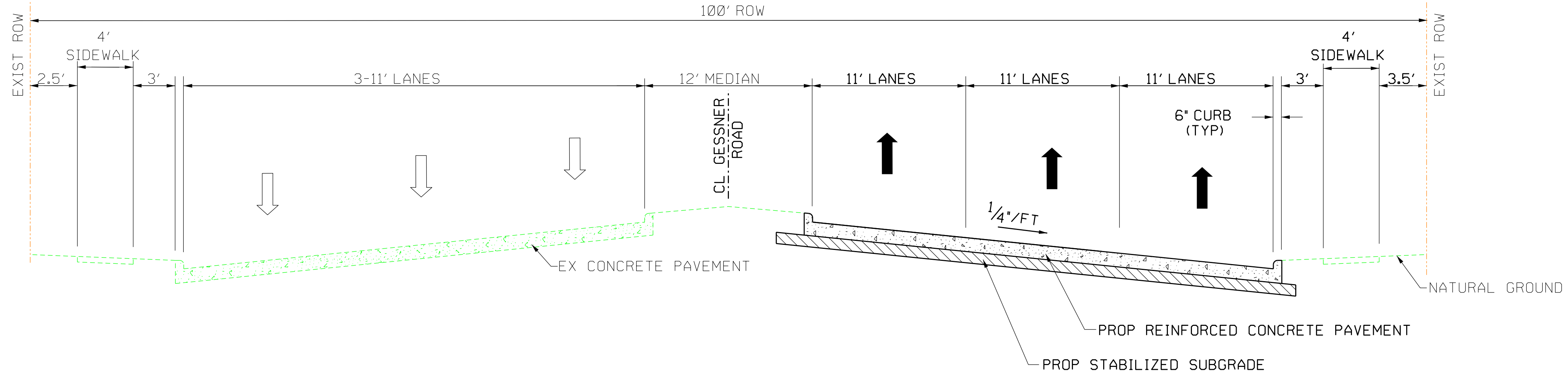
INTERIM REVIEW ONLY
 Document incomplete; not intended
 for bidding or construction.

Michael A. Feeney, PE
 Serial No.: 90417
 Lockwood, Andrews & Newnam Inc.
 Firm No.: 2614
 Date: July 20, 2009

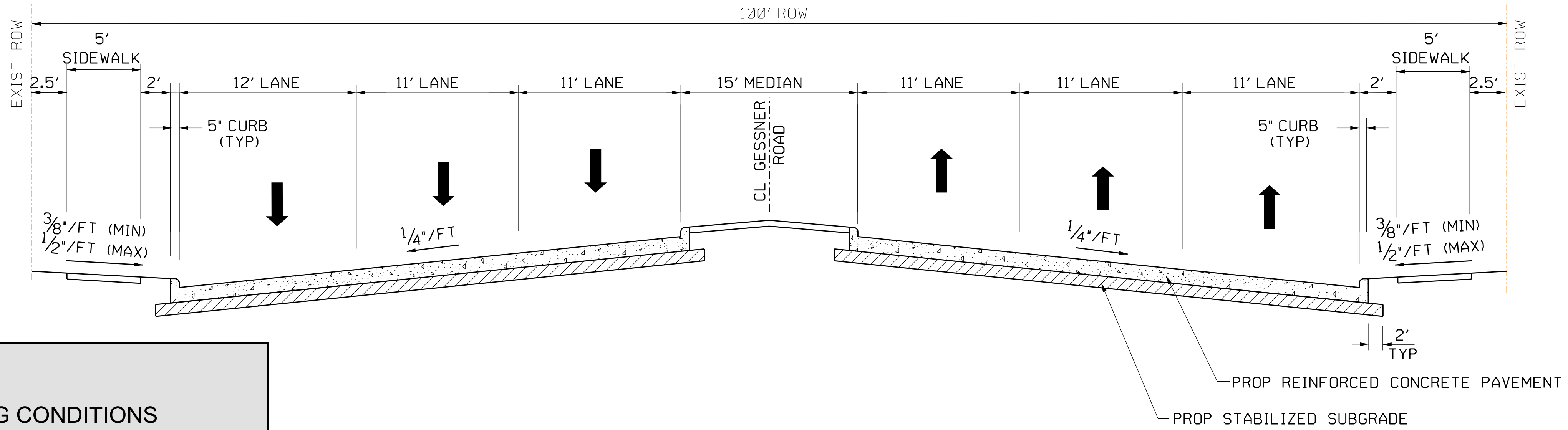
EXHIBIT 5.1 PROPOSED TYPICAL SECTION ALTERNATIVES
GESSNER ROAD

DATE: JULY 2009

**Lockwood, Andrews
 & Newnam, Inc.**
 LEO A DALY COMPANY



ALTERNATIVE 1
 N.T.S.



ALTERNATIVE 2
 N.T.S.

LEGEND

- EXISTING CONDITIONS
- PROPOSED CONDITIONS
- PROPOSED TRAFFIC SIGN
- ← EXISTING DIRECTION ARROW
- ☀ SIGNALIZED INTERSECTION
- ← PROPOSED DIRECTION ARROW

LEGEND

- EXIST ROW
- PROP ROW
- PROP TRAFFIC FLOW
- EXIST TRAFFIC FLOW

EXHIBIT

1

INTERIM REVIEW ONLY
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Michael A. Feeney, PE
 Serial No.: 90417
 Jd. Andrews & Newnam Inc.
 Firm No.: 2614
 Ite: July 20, 2009

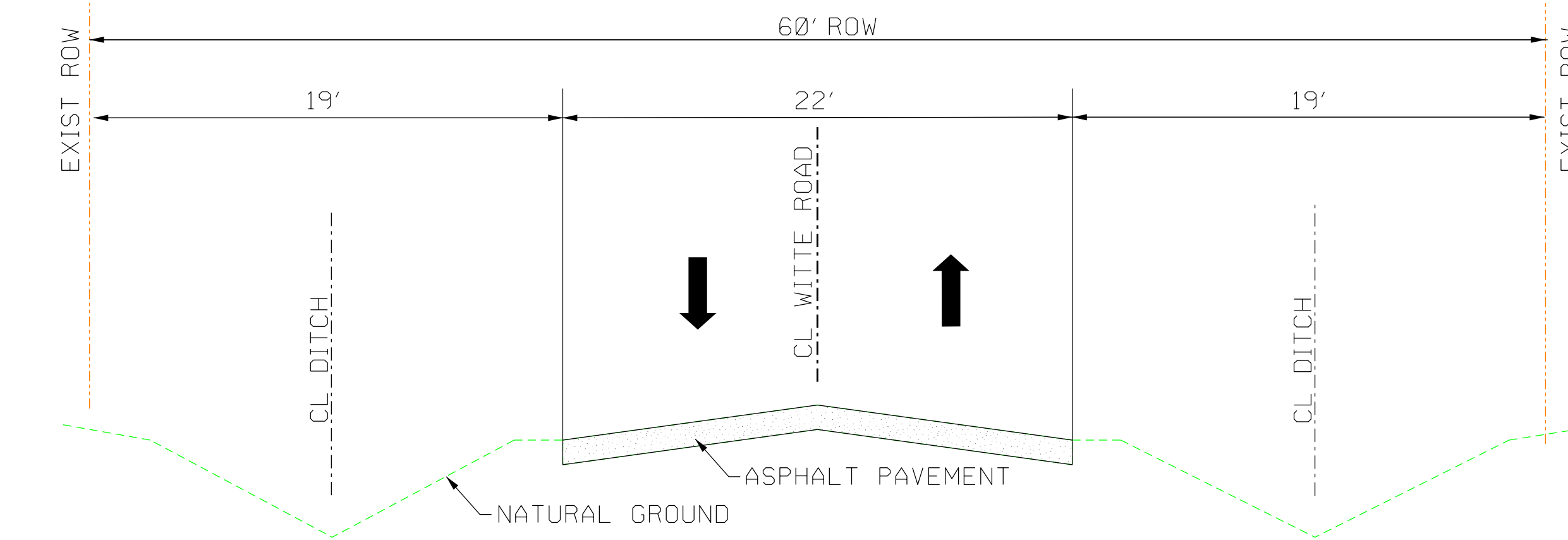
NORTH-SOUTH PROJECT

**EXHIBIT 5.2 PROPOSED TYPICAL SECTIONS ALTERNATIVES
 - WITTE ROAD**

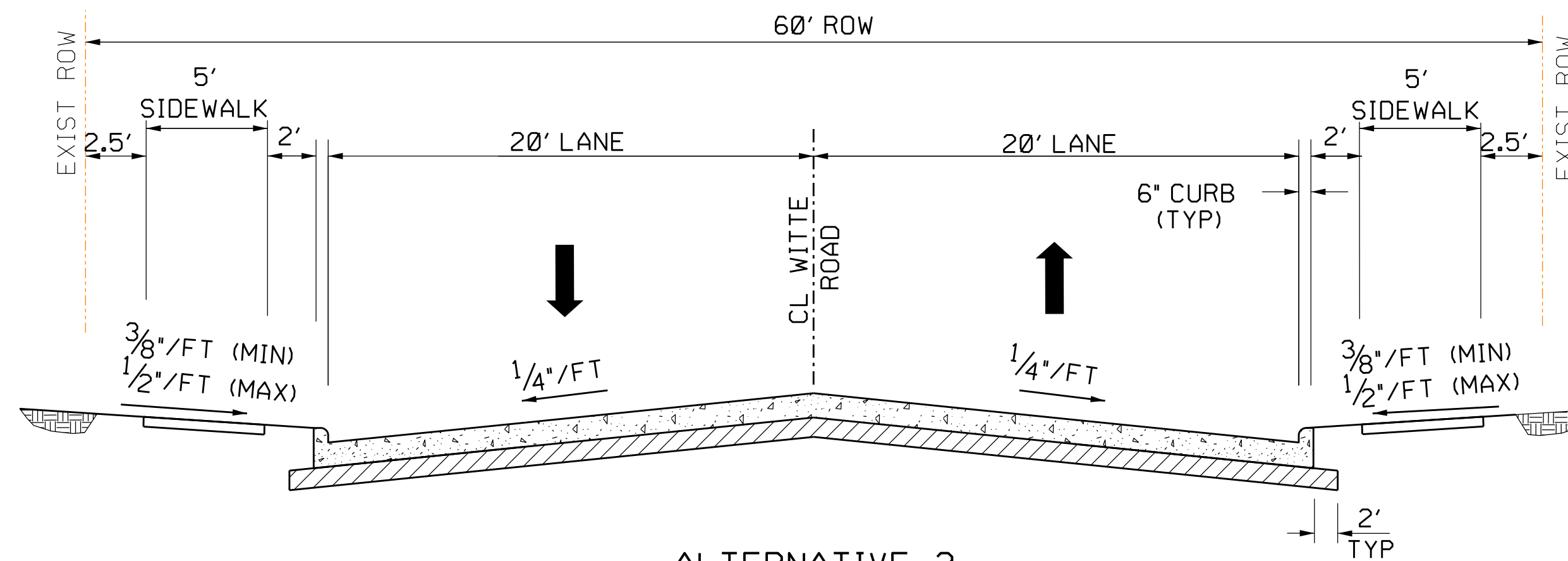
DATE: JULY 2009

**Lockwood, Andrews
 & Newnam, Inc.**
 LEO A DALY COMPANY

DESIGN SPEED 45 MPH



ALTERNATIVE 1
 N.T.S.



ALTERNATIVE 2
 N.T.S.

LEGEND

- EXISTING CONDITIONS
- PROPOSED CONDITIONS
- PROPOSED TRAFFIC SIGN
- EXISTING DIRECTION ARROW
- SIGNALIZED INTERSECTION
- PROPOSED DIRECTION ARROW

LEGEND

- EXIST ROW
- PROP ROW
- PROP TRAFFIC FLOW
- EXIST TRAFFIC FLOW

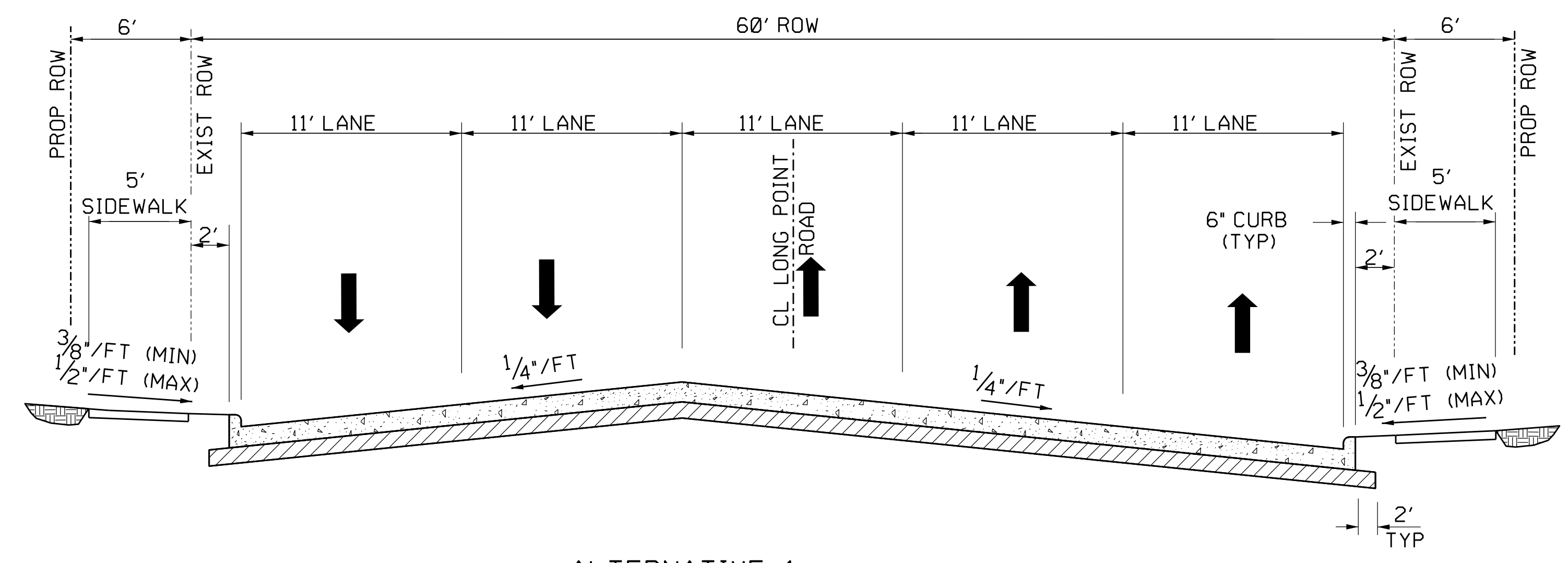
EXHIBIT

1

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Engineer: Michael A. Feeney, PE
 P.E. Serial No.: 90417
 Firm: Lockwood, Andrews & Newnam Inc.
 File No.: 2614
 Date: July 20, 2009

**EXHIBIT 5.3 PROPOSED TYPICAL SECTION
 ALTERNATIVES - LONG POINT ROAD**

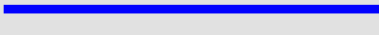


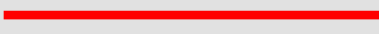
ALTERNATIVE 1
 N.T.S.


DESIGN SPEED 45 MPH


SIGNALIZED INTERSECTION
 PROPOSED DIRECTION ARROW


LAN
 Lockwood, Andrews
 & Newnam, Inc.
 LEO A DALY COMPANY





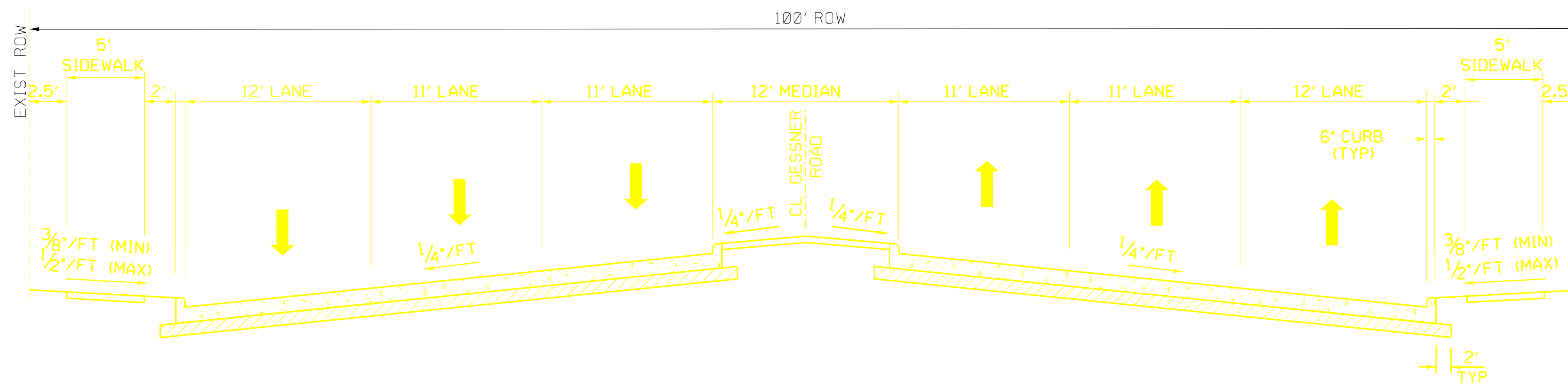






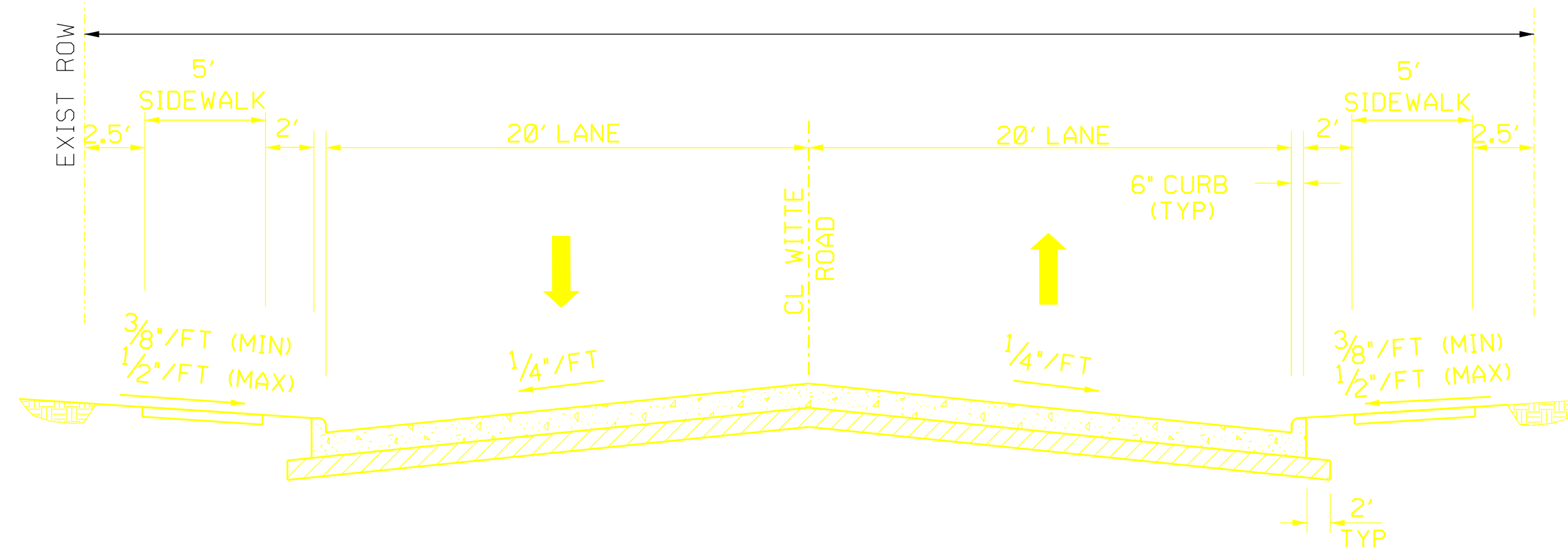
SIGNALIZED INTERSECTION
PROPOSED DIRECTION ARROW

ALTERNATIVE 2
IH-10 TO LONG POINT
N.T.S.



DESIGN SPEED 45 MPH

SIGNALIZED INTERSECTION
 PROPOSED DIRECTION ARROW



ALTERNATIVE 2
 IH-10 TO WESTVIEW DRIVE
 N.T.S.

DESIGN SPEED 45 MPH

LEGEND

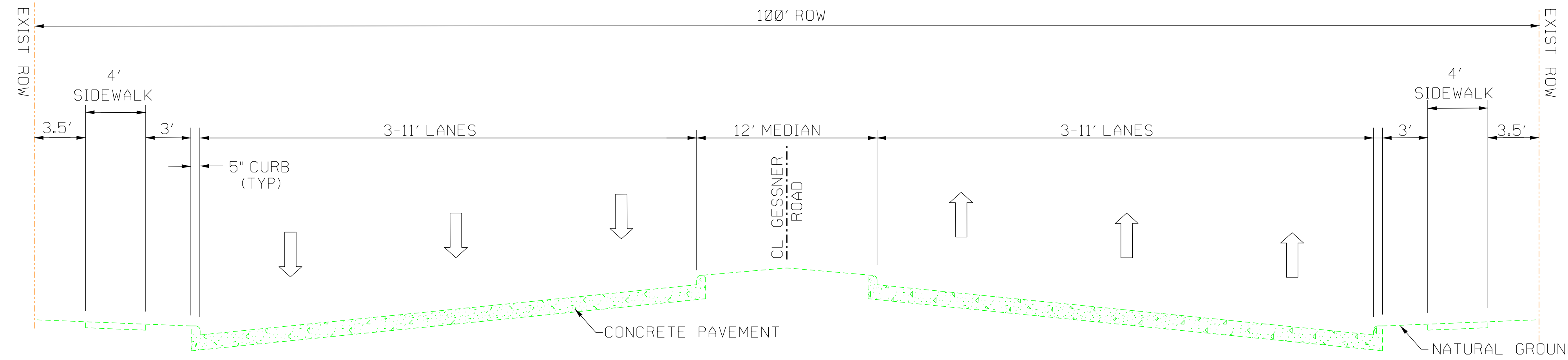
- EXIST ROW
- PROP ROW
- PROP TRAFFIC FLOW
- EXIST TRAFFIC FLOW

EXHIBIT

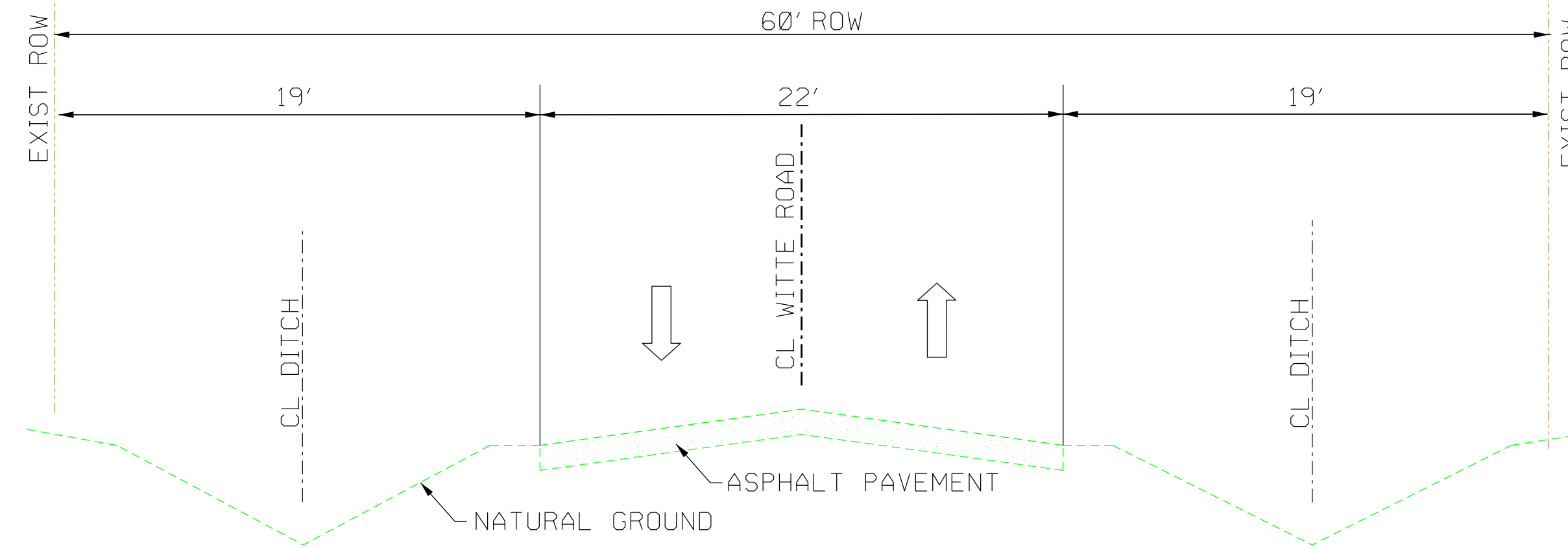
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INTERIM REVIEW ONLY
 Document incomplete: not intended
 for permit, bidding or construction.

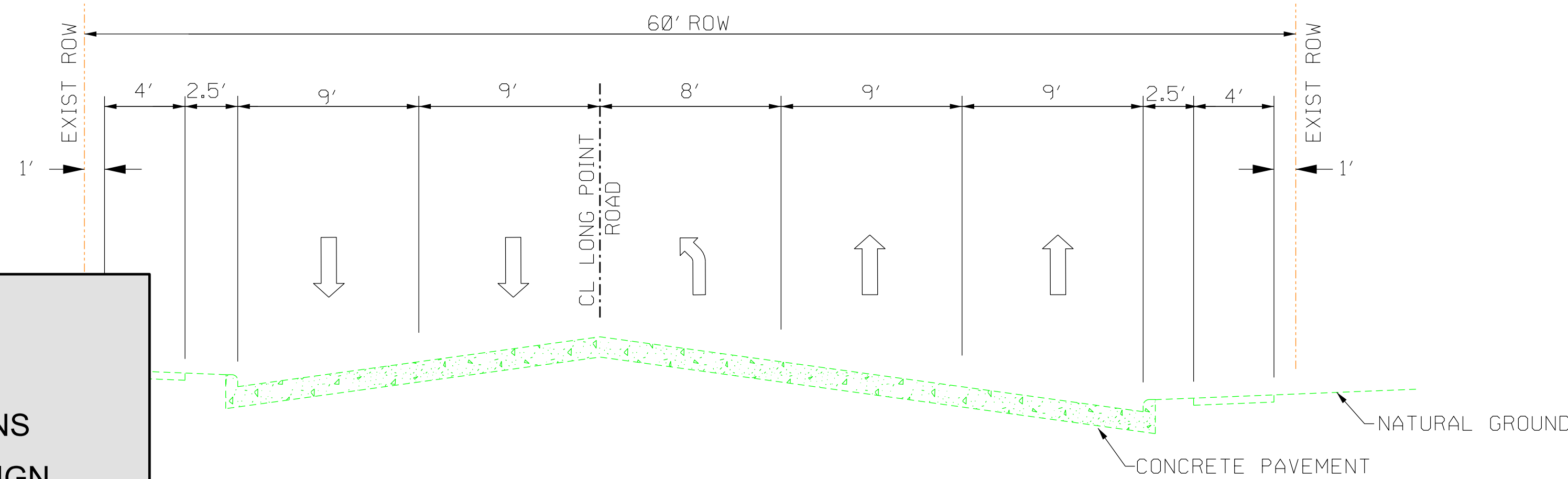
Engineer: Michael A. Feeney, PE
 P.E. Serial No.: 90417
 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: 2814
 Date: July 20, 2009



GESSNER ROADWAY
 N.T.S.



WITTE ROADWAY
 N.T.S.



**LONG POINT ROADWAY @ GESSNER
 INTERSECTION APPROACHES**
 N.T.S.

LEGEND

- EXISTING CONDITIONS
- PROPOSED CONDITIONS
- PROPOSED TRAFFIC SIGN
- ← EXISTING DIRECTION ARROW
- SIGNALIZED INTERSECTION
- ← PROPOSED DIRECTION ARROW

NORTH ORIENTED ROAD PLAN

EXHIBIT D.1 EXISTING TYPICAL SECTIONS
 MEMORIAL CITY REDEVF/OPMENT AUTHORITY, TIRZ 17

DATE: JULY 2009

DESIGN SPEED 45 MPH

LEGEND

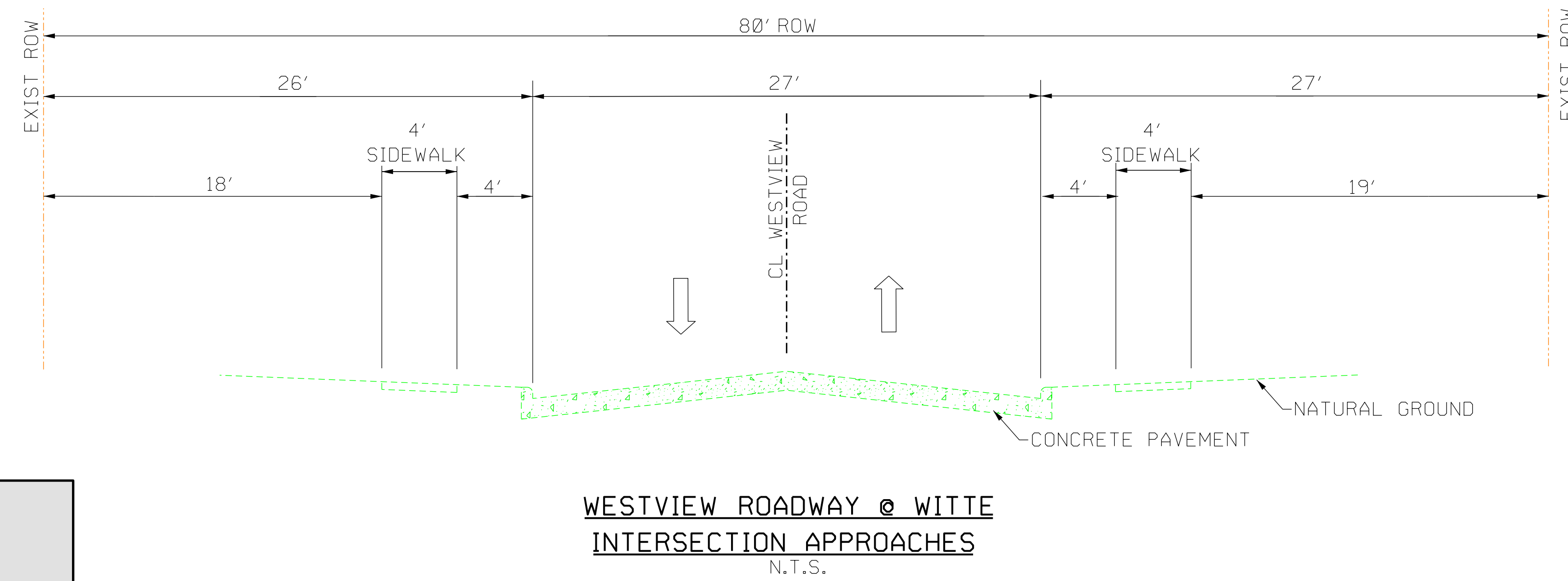
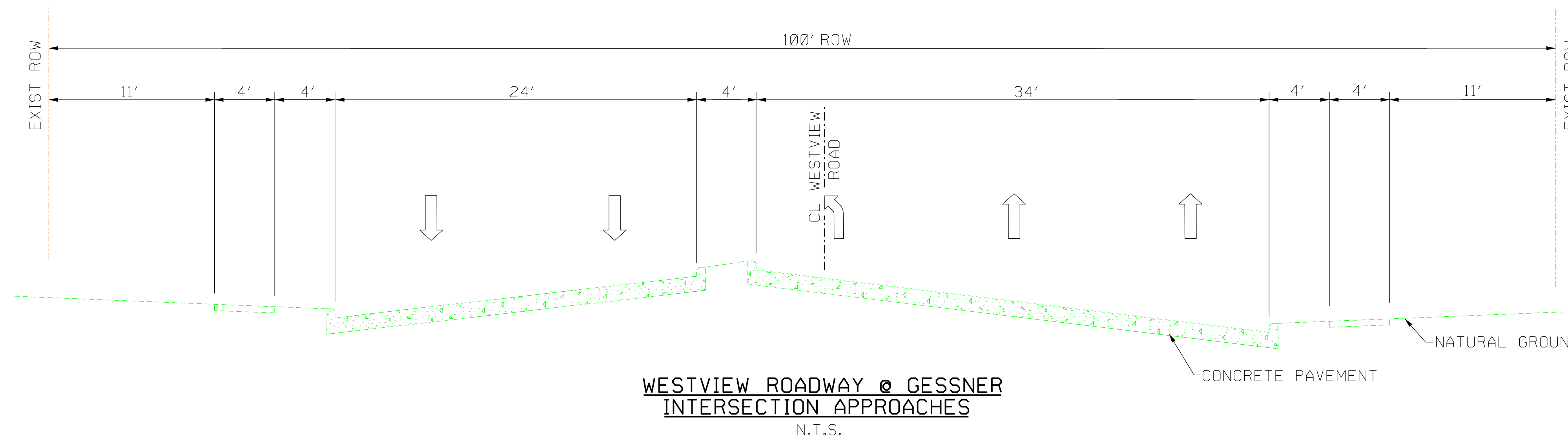
- EXIST ROW
- PROP ROW
- PROP TRAFFIC FLOW
- EXIST TRAFFIC FLOW

EXHIBIT

1

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Engineer: Michael A. Feeney, PE
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 Firm No.: 2814
 Date: July 20, 2009

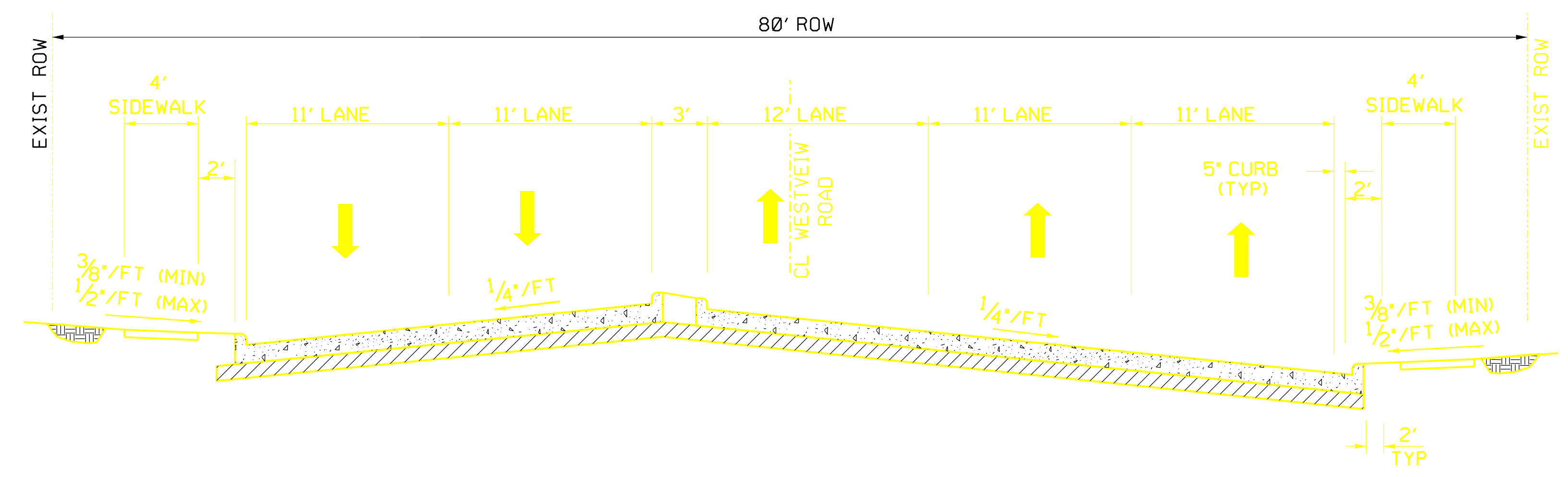


SIGNALIZED INTERSECTION
 PROPOSED DIRECTION ARROW

EXHIBIT D.2 EXISTING TYPICAL SECTIONS

DESIGN SPEED 45 MPH

SIGNALIZED INTERSECTION
 PROPOSED DIRECTION ARROW



ALTERNATIVE 2
 N.T.S.

DESIGN SPEED XX MPH

WESTVIEW STREET TYPICAL SECTION

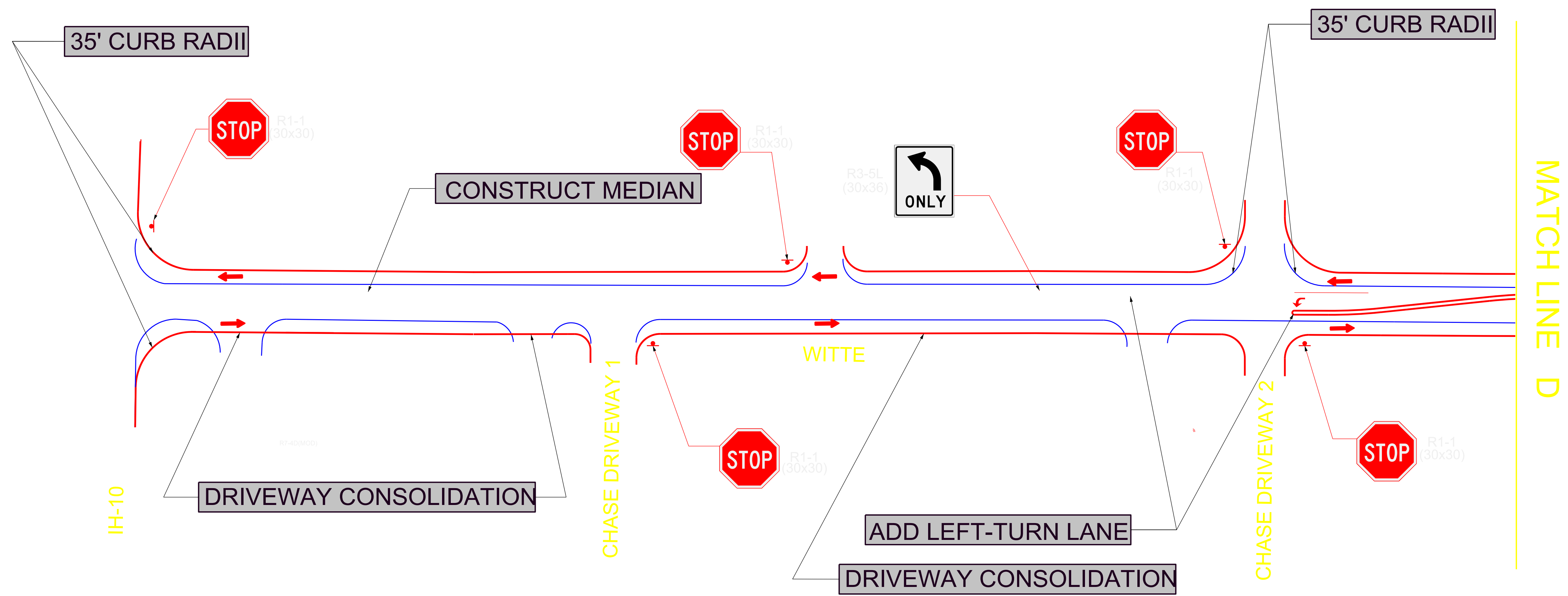
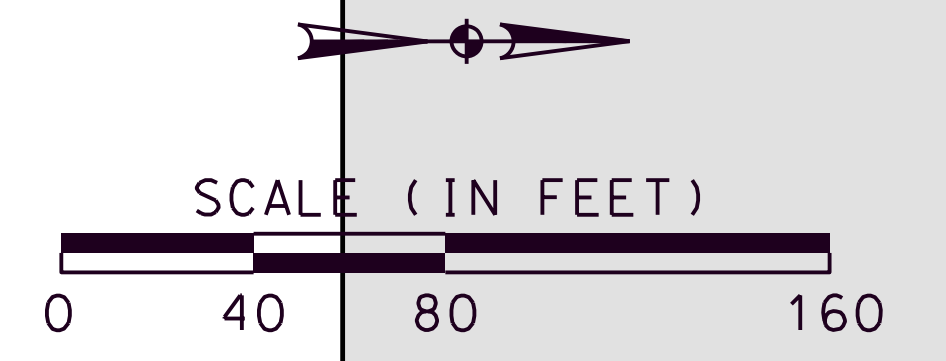
SHEET 1 OF 1

INTERIM REVIEW ONLY
 Document Incomplete: not intended
 for permit, bidding or construction.

Engineer: Michael A. Feeney, PE
 P.E. Serial No.: 90417
 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: 2614
 Date: July 20, 2009

EXHIBIT

1



- CHASE

5A:

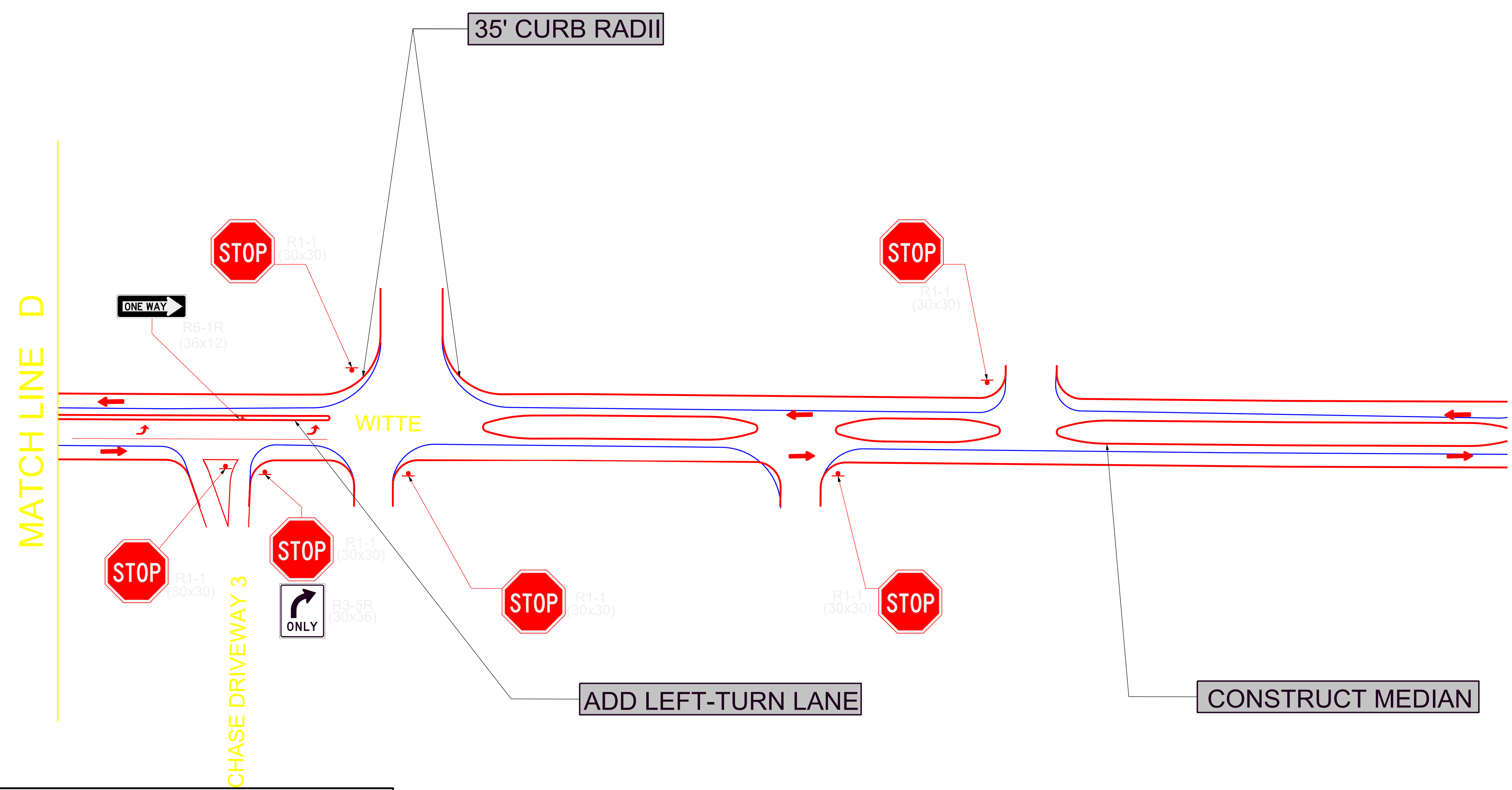
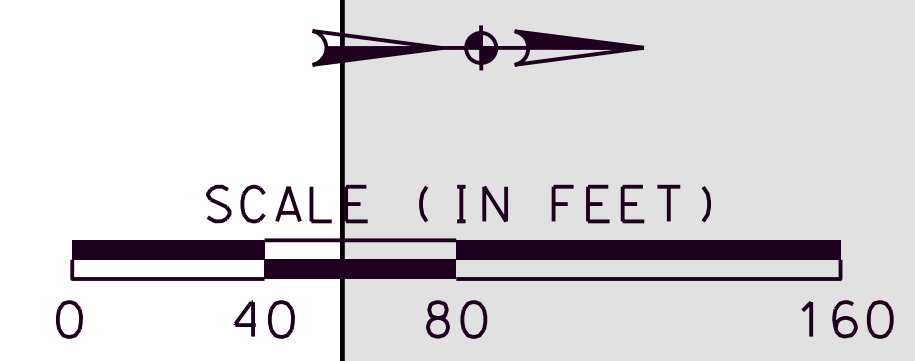
LEGEND	
	EXISTING CONDITIONS
	PROPOSED CONDITIONS
	PROPOSED TRAFFIC SIGN
	EXISTING TRAFFIC ARROW
	EXISTING SIGNALIZED INTERSECTION
	PROPOSED TRAFFIC ARROW

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 Firm: Lockwood, Andrews & Newnam Inc.
 Firm No.: 2614
 Date: July 20, 2009

**55 SNER ROAD
 ED TRAFFIC
 OPERATIONAL IMPROVEMENTS**

DRW BY:	CADD	09/09
DRW CHK BY:	CADD	09/09
DSN BY:	CADD	09/09
DSN CHK BY:	CADD	09/09
APPROVED BY:	CADD	09/09
SCALE:	AS SHOWN	
AERIAL:	2008	

SHEET
 10



- CHASE

6A:

LEGEND	
	EXISTING CONDITIONS
	PROPOSED CONDITIONS
	PROPOSED TRAFFIC SIGN
	EXISTING TRAFFIC ARROW
	EXISTING SIGNALIZED INTERSECTION
	PROPOSED TRAFFIC ARROW

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SSNER ROAD ED TRAFFIC OPERATIONAL IMPROVEMENTS

CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
CADD	09/09
AS SHOWN	
	2008