



Corporation of the County of Essex
Office of the County Engineer

RECEIVED

Stuart A. Kelch P. Eng.
County Engineer

AUG 16 2002

August 14, 2002

R. Lucente Engineering Inc.,
3514 Walker Road, Unit #1
WINDSOR, Ontario
N8W 3S4

ATTENTION: Mr. Rocco Lucente, P. Eng.,

RE: Class Environmental Assessment
County Road 19, Manning Road
St. Gregory Road to Sylvestre Drive

Dear Sir:

As we discussed earlier today, the County of Essex in co-operation with the Town of Tecumseh, wishes to have R. Lucente Engineering undertake a Class Environmental Assessment of the subject road section in order to address its current and future operational and capacity deficiencies. As you know, a Traffic Study of the entire length of Manning Road was recently completed by F. R. Berry and Associates, summarizing the capacity issues and proposing a timetable for improvements to address same. A copy of the Traffic Study Report is attached for your information and use.

Please consider this as your authorization to proceed.

We trust you will find the foregoing to be satisfactory and request that you contact the undersigned to discuss questions or concerns you may have regarding this assignment.

Yours truly,

Stuart A. Kelch, P. Eng.,
County Engineer

SAK:gh

cc: Larry Beaudoin, Town of Tecumseh

attach:

MANNING ROAD EA.
BETWEEN ST. GREGORY'S ROAD TO SYLVESTER DRIVE

①

RECOMMENDATIONS PER F.R. BERRY & ASSOCIATES

ST. GREGORY'S ROAD - GOOD LEVEL OF SERVICE

- 2006 INCREASE CYCLE TIMES
- 2011 INSTALL SEPARATE NORTHBOUND RIGHT TURN LANE
- PRESENTLY 3 LANE ROAD.

ST. GREGORY'S TO TEC. RD.

- 2011 REACH CAPACITY
- LIGHT AT ENTRANCES TO SHOPPING CENTRES
- RECOMMEND - FIVE-LANE CROSS-SECTION
 - CURB LANE TO BE RIGHT TURN & THROUGH
 - LEFT TURN CENTRE LANE.
- PRESENTLY 3 LANE ROAD

TECUMSEH ROAD

- 2006 UNACCEPTABLE LEVELS
- RECOMMEND - FIVE LANE CROSS-SECTION
 - RIGHT TURN LANE ADDED ON EASTBOUND APPROACH
- PRESENTLY 3 LANE ROAD - NORTH & SOUTH
- 3 LANE ROAD - ON EAST SIDE
- 3 LANE W/ SHIRT LEFT TURN LANE ON WEST SIDE

TECUMSEH ROAD TO C.R. 22

- AS SOON AS POSSIBLE FROM AMY CROFT DRIVE TO COUNTY RD 22 WIDENED TO PROVIDE 2 LANES IN EACH DIRECTION PLUS LEFT TURN LANES AT 22 AND AMY CROFT DRIVE
- BY 2006 - SIGNALIZING AT LANOUÉ STREET AND CONSTRUCTION OF A MEDIAN BARRIER NORTH OF LANOUÉ STREET
 - PROVIDE AUXILIARY RIGHT TURN LANES AT LANOUÉ AND AMY CROFT DRIVE

COUNTY ROAD 22

- OVER CAPACITY
- 5-LANE CROSS-SECTION
- 2006 DOUBLE LEFT TURN LANES FOR EAST & NORTHBOUND

- COUNTY ROAD 22 TO SYLVESTER DRIVE - DESRO DRIVE BE RESTRICTED TO RIGHT TURN, MEDIAN BARRIER
- 2006, 4 LANE

R. Lucente Engineering Inc.

From: "R. Lucente Engineering Inc." <rlucente@bellnet.ca>
To: "Stu Kelch -County of Essex" <skelch@countyofessex.on.ca>
Sent: Monday, February 03, 2003 9:55 AM
Subject: Extending Lauzon Parkway

(Faxed to Frank Berry)

Frank Berry,

In light of all the talks regarding improvements to the Windsor/Detroit border crossing, it would appear to me that the City will be looking to extending Lauzon Parkway from Co. Rd. 42 southerly to Hwy 401, with or without Prov./Fed. funding; sooner or later.

If this were to happen, much of the 401 traffic using Co. Rd. 19 would opt out for Lauzon and thereby reduce much of the traffic on Co. Rd. 19 at Co. Rd. 42 & 22.

I think we should include this possible scenario with appropriate comments.

What are your thoughts?

Rocco Lucente P.Eng.
R. Lucente Engineering Inc.

P.S. what is your e-mail address



Corporation of the County of Essex
Office of the County Engineer

Stuart A. Kelch P. Eng.
County Engineer

March 18, 2003

Town of Tecumseh
917 Lesperance Road
TECUMSEH, Ontario
N8N 1W2

ATTENTION: Laura Moy
Clerk

RECEIVED MAR 19 2003

RE: Intersection of Manning Road and Lanoue Street

Dear Madam:

We have received your letter of February 19, 2003 and Town Council resolution calling for an updated traffic volumes analysis for the satisfaction of traffic signal warrants at the subject intersection.

Please be assured that the Class Environmental Assessment is currently proceeding in order to fully address the capacity issues on Manning Road and the signalization of the Manning/Lanoué intersection will be included as one of the alternatives identified through the E. A. process to improve the roads operation. Up to date traffic volume data will need to be collected to support a recommendation of signal installation. The completed Class E. A. Study Report is anticipated later this year. We will ensure that Tecumseh Council is kept informed in this regard.

Yours truly,

Stuart A. Kelch, P. Eng.,
County Engineer

SAK:gh

✓ cc: Rocco Lucente, P. Eng., R. Lucente Engineering



Corporation of the County of Essex
Office of the County Engineer

Stuart A. Kelch P. Eng.
County Engineer

August 11, 2003

RECEIVED AUG 12 2003

Town of Tecumseh
917 Lesperance Road
TECUMSEH, Ontario
N8N 1W2

ATTENTION: Mr. Larry Beaudoin
Director of Public Works

RE: Manning Road Class Environmental Assessment
St. Gregory's Road to Sylvestre Drive

Dear Sir:

With respect to the Manning Road Class Environmental Assessment currently being undertaken by Mr. Rocco Lucente, P. Eng., this letter is intended to formalize the cost sharing arrangement for the project between the Town of Tecumseh and the County of Essex.

Based on the relative proportion of the lengths of the sections of Manning Road for which our two parties are responsible, i.e. Tecumseh's responsibility being from St. Gregory's to Via Rail crossing and the County's responsibility being from the Vial Rail crossing to Sylvestre Drive, the cost sharing arrangement of 70% County – 30% Town of Tecumseh would be fair and equitable.

It is estimated that the total cost of the Class EA project will be \$100,000. Please indicate Tecumseh's concurrence with the foregoing. Upon project completion, the County of Essex will invoice Tecumseh for its share accordingly.

Yours truly,

Stuart A. Kelch, P. Eng.,
County Engineer

SAK:gh

✓ cc: Rocco Lucente, P. Eng., R. Lucente Engineering

**R. LUCENTE ENGINEERING INC.
CONSULTING ENGINEERS**

MINUTES OF MEETING

Project: Manning Road Class Environmental Assessment

Place: Boardroom - R. Lucente Engineering Inc.

Date: Wednesday, January 28, 2004

*Present: T. Bateman - Roads Engineer, County of Essex
F. Fazecash - Assistant Roads Engineer, County of Essex
R. Lucente - R. Lucente Engineering Inc.
J. Pawlowski - R. Lucente Engineering Inc.*

1. T. Bateman stated that he did not feel that sidewalks would be required throughout the entire length of this project. At any rate, sidewalks would not be the responsibility of the County. It would be the responsibility of the respective municipality. T. Bateman said that if bicycle lanes were to be incorporated into the project, they too would be considered the municipality's responsibility.
2. T. Bateman questioned the extent of the future work. R. Lucente reported that Tecumseh has requested that the Tecumseh Road reconstruction project be extended to include Manning Road from St. Gregory's Road to the Via Rail and Tecumseh Road from Manning Road to west of Green Valley Drive as one construction project. In addition, Tecumseh Road, west of Dresden Place, is to be widened to allow for a left hand turn lane for truck traffic into the St. Clair Beach Shopping Plaza. T. Bateman has no objection to this extension. R. Lucente reported that one more P.I.C. will be required for Manning Road.
3. R. Lucente reported that all hydro poles on Tecumseh Road will have to be relocated. To provide for additional lighting, the poles will be higher with lights placed on every pole. Council requested that the poles be concrete.
4. R. Lucente reported that he was requested at the Public Works committee meeting dated January 14, 2004 to investigate the possibility of expediting construction work by either mandating night-time shift work or by offering a bonus for early completion.

R. Lucente reported that a discussion was held with a local contractor in order to determine the feasibility of working at night in order to shorten the construction schedule. It was concluded that working at night was not as productive, not able to obtain supplies, stone dock and quarries closed, number of businesses are only open from evening to late evening, complaints of noise from residential area and the project would be more susceptible to accidents and injuries.

5. R. Lucente reported that a 400 mm diameter trunk watermain was to be installed on Tecumseh Road. Presently discussions are underway with Windsor to supply water to the Town at Banwell Road. This may obviate the need for the 400 mm diameter trunk.
6. T. Bateman reported that a drainage report on the East Townline Drain, will be required over the area which is to be enclosed with a box culvert and for any work on the Manning Road Drain. He suggested we contact N. Peralta for the Manning Road Drain report.
7. R. Fazecash inquired if all property for the widening on Tecumseh Road and the section of Manning Road to be constructed north of the VIA Rail has been acquired.

R. Lucente reported that a majority of the property has been acquired. Only five or six properties to go.
8. T. Bateman inquired if the traffic signals are synchronized. R. Lucente reported that the lights were synchronized with the use of No-Drift controllers. However, the timing has been lost perhaps due to power loss, surges or spikes.
9. T. Bateman reported that at this time there is no need to widen Manning Road north of St. Gregory's Road according to the current traffic study.
10. R. Lucente reported that the railway crossing at Manning Road is a VIA crossing. John Walsh of VIA was notified and he requested he be kept informed of the work as it proceeds.
11. The road design was reviewed. T. Bateman questioned the traffic movement for the 50' property to the south of the Harvey's Restaurant. R. Lucente reported that these lands are connected to property which face Tecumseh Road and are owned by D. Kenney. R. Lucente requested that T. Bateman to submit his comments. R. Lucente reported that the traffic island can be extended to restrict left turn movements.
12. R. Lucente reported that a service road or access road be installed to the Animal Hospital parcels in order to allow for one access point opposite Lanoue Street.

R. Lucente suggested that C. Prince and T. Mousseau be contacted to determine if there are any proposed development plans for the properties in the Town of Lakeshore.
13. T. Bateman questioned the status of the property south of Lanoue Street. The properties are zoned General Commercial and are owned by Canadian Tire Corporation to the south and Green Valley Developments to the north of Amy Croft Drive. The lands were intended to be serviced via an extension of Amy Croft Drive as a private access road which would extend southerly to a second access driveway on Lanoue.
14. T. Bateman reported that the infilling of the Townline Drain is to be paid by the County. T. Bateman suggested that abutting land owners contribute to the infilling. This item is to be discussed further with the Municipality.
15. R. Lucente reported that the west bound ramp lane will have to be moved and that land will have to be acquired for drainage.

16. T. Bateman commented that with two (2) eastbound left turn lanes at County Road 22, the receiving northbound lanes would have to be wider to accommodate the turning movement.
17. R. Lucente reported that prior to construction, discussions will be required with the City of Windsor to verify the status of the Lauzon Parkway extension to the 401.
18. R. Lucente reported that left hand turns will be restricted at Desro Drive.

R. Lucente reported that Desro Drive has to be extended to Sylvester Drive. The Town has acquired the necessary property. Desro Drive should be extended prior to construction on Manning Road.

19. R. Lucente reported that a land acquisition of 3.05 metres will be required on each side to accommodate the road widening.
20. R. Lucente reported that a future road has been indicated in the Town of Lakeshore opposite Jamsyl Drive in order to service this area of Lakeshore. This future intersection has been recommended to be serviced with a traffic signal.
21. T. Bateman reported that depending on the timing of the residential development along Manning Road, only minor improvements will be required. T. Bateman suggested that traffic impact studies be undertaken by the land developers and that cost sharing be negotiated with the developers.
22. R. Lucente requested a copy of the latest status report (#5) of the Regional Transportation Study.
23. T. Bateman asked what are the next steps.

R. Lucente reported that a meeting be held with the Town of Lakeshore and Town of Tecumseh to discuss this proposal. R. Lucente to prepare an agenda.
24. T. Bateman requested that a copy of the legal plan be forwarded to his office.
25. T. Bateman suggested that R. Lucente review the archeological study to determine the next step.
26. R. Lucente reported that no noise study has been undertaken but will arrange with Spaarg Engineering to undertake the study.
27. R. Lucente reported that at the next meeting all sanitary sewer issues will have to be addressed by L. Beaudoin for the Town of Tecumseh and by T. Mousseau for the Town of Lakeshore.
28. R. Lucente reported that land acquisition issues have to be identified for road widening purposes; however, additional easements may be required for servicing issues.

29. R. Lucente reported that he will contact N. Peralta to obtain information on the road side ditch along Manning Road in the Town of Lakeshore.
30. T. Bateman questioned the type of road cross-section was being proposed. R. Lucente replied that an urban cross-section is being proposed.
31. R. Lucente reported that he will inquire with each municipality if sidewalks are required.
32. T. Bateman reported that he will review the Board order for the railway crossing to determine the responsibilities. R. Lucente requested a copy of the Board order.
33. T. Bateman requested that a preliminary cost estimate be prepared.

END OF MINUTES

The above was recorded by the undersigned who should be advised of any errors and/or omissions.



R. Lucente, P. Eng.

/lb

Distribution: All in attendance

(minutesManningRdEA#1.doc)

R. Lucente Engineering Inc.

From: "Tom Bateman" <TBateman@countyofessex.on.ca>
To: <rlucente@bellnet.ca>
Cc: "Richard Fazecash" <rfazecash@countyofessex.on.ca>
Sent: Thursday, February 05, 2004 9:29 AM
Subject: Minutes of Mtg. 01/28/04

Rocco;

Just a couple points regarding the minutes.

Point 2. The note indicates that I have no objection to the extension. This extension being the addition of road segment from one EA to the other is acceptable providing we adjust our EA process as indicated. I did express concerns over our ability to accomplish the planned works within one construction season and the County's ability to provide its share of funding on this proposed schedule.

Point 8. During the discussion on signalization I emphasized our desire to see all new installations synchronized, and any underground for future signals accommodate future signal synchronization.

Point 11. I will provide my comments regarding this access under separate correspondence. I believe we were also going to specifically ask VIA for comments as well.

Point 14. In regards to the infilling of the drain I think it is more appropriately stated that the cost to infill the drain be included as part of the project with contribution from the adjacent landowners. As noted it puts too much onus on the County since even the overall project costs maybe subject to some degree of cost share between the Town's and County.

Thanks Tom.....

NOTICE: Attachments are automatically scanned for Viruses using Guinevere with Norton Antivirus

R. LUCENTE ENGINEERING INC.

CONSULTING ENGINEERS

3514 Walker Road, Unit 1
Windsor, Ontario N8W 3S4

Phone: (519) 966-4008
Fax: (519) 966-4088
email: rlucente@bellnet.ca

February 5, 2004

File No.: 02-829

Ministry of the Environment
733 Exeter Road
London, Ontario N6E 1L3

Attention: Mr. Ron Griffiths, Environmental
Assessment Co-ordinator

Re: Class Environmental Assessment - Tecumseh Rd./Class E.A.
Manning Road (County Road No. 19)

Dear Sir:

As you know, our firm has been retained by the Town of Tecumseh to undertake a Class Environmental Assessment for the improvements/widening of Tecumseh Road and a portion of Manning Road from the VIA crossing northerly to the Green Valley Plaza/St. Clair Beach Shopping Centre entrances.

Subsequent to the commencement of the Tecumseh Road Environmental Assessment, our firm was retained to undertake a Class Environmental Assessment for the improvements/widening of County Road 19 (Manning Road) from St. Gregory Road southerly to Sylvestre Drive to the south.

Subsequent to the P.I.C. No. 1 for the County Road 19 Environmental Assessment, the Town of Tecumseh Council directed us to extend the Tecumseh Road Environmental Assessment to include that portion of Manning Road from the commercial entrance northerly to St. Gregory's Road.

This would require us to extend the study area for the Tecumseh Road Environmental Assessment. We plan to accomplish this by conducting a 3rd P.I.C. for Tecumseh Road which will include the subject area of Manning Road.

Should you have any comments or concerns regarding our approach to this extension, please contact the undersigned.

Yours truly,



R. Lucente, P. Eng.

RL:lb

- c.c. - Tom Bateman, County Engineer - Corporation of the County of Essex
- Larry Beaudoin, Director of Public Works - The Corporation of the Town of Tecumseh
- Tim Mousseau, Director of Public Works - Corporation of the Town of Lakeshore

MEMO

TO: Tom Bateman, P.Eng.

FROM: R. Lucente, P.Eng.

RE: Environmental Assessment
County Rd. 19 (Manning Road)

DATE: May 11, 2004

PROJECT NO. 02-829

1. Status Report:

- (1) Notice of Commencement - January 6, 2004
- (2) P.I.C. #1 - January 21, 2004
- (3) Conducted - Traffic Study (previously completed)
 - Topographical Survey
 - Noise Study
 - Geotechnical Study
 - Archaeological Study (Phase 1 & 2)
 - Landscape Study

2. Scheduled Works:

- (1) Co-ordination meeting with Co. Rd. 22 E.A. Consultant (May/June)
- (2) P.I.C. #2 - July
- (3) P.I.C. #3 - September
- (4) Complete E.S.R. - November/December

*June 18 mt's
we were asked to delay
file Sept. OK*

3. Expenditures to Date (see attached breakdown) - \$89,677.96

Anticipated Expenditures (to placing E.S.R. on public record) - \$150,000.00 to \$170,000.00

Attachment