

# PUBLIC WORKS COMMITTEE MINUTES 16-003

9:30 a.m.
Monday, February 29, 2016
Council Chambers
Hamilton City Hall
71 Main Street West

**Present:** Councillor T. Whitehead (Chair)

Councillors S. Merulla, C. Collins, T. Jackson, D. Conley,

L. Ferguson, A. VanderBeek (Vice Chair)

Also Present: Councillors J. Farr, M. Pearson and B. Johnson

**Regrets:** Councillor R. Pasuta – City Business

#### THE FOLLOWING ITEMS WERE REPORTED TO COUNCIL FOR CONSIDERATION:

1. Intersection Control List (PW16001) (Wards 2, 6, 7, 8, 9, 10 and 11) (Item 5.1)

## (Collins/Jackson)

That the appropriate By-law be presented to Council to provide traffic control as follows:

Intersection			Stop Direction		Class	Location / Comments /	\A/o.s.d					
Street 1		Street 2	Existing	Requested	Class	Petition	Ward					
Section "E" Hamilton												
(a)	Ninth Avenue	Winchester Boulevard	NB	EB/WB	А	Fernwood Park Safety Review	6					
(b)	Tenth Avenue	Winchester Boulevard	NB/SB	EB/WB	А	Fernwood Park Safety Review	6					
(c)	Ninth Avenue	East 44 <sup>th</sup> Street	NB/SB	EB/WB	Α	Hampton Park Safety Review	6					
(d)	East 44 <sup>th</sup> Street	Lupin Avenue	EB/WB	NB/SB	Α	Hampton Park Safety Review	6					
(e)	East 45 <sup>th</sup> Street	Lupin Avenue	EB	NB/SB	Α	Hampton Park Safety Review	6					
(f)	Manning Court	Luscombe Street	NC	SB	А	Housekeeping, missing T-type stop	7					

Intersection			Stop Direction		Class	Location / Comments /	Ward
Street 1		Street 2	Existing	Requested	Class	Petition	vvard
(g)	Coronet Court	Luscombe Street	NC	SB	Α	Housekeeping, missing T-type stop	7
(h)	Crown Court	Luscombe Street	NC	SB	Α	Housekeeping, missing T-type stop	7
(i)	Upper Paradise Rd	Kittyhawk Drive	EB	NB/SB	В	Council motion for new all way stop control	8
(j)	Guise Street	James Street North	NB	EB/WB	В	Council motion for new all way stop control	2
(k)	Emerald Street South	Hunter Street East	EB	NB/SB	Α	Council motion for new all way stop control	2
			Section "D" Glanbrook				
(I)	Trafalgar Drive	Lormont Boulevard	NC	SB	Α	New Subdivision	9
(m)	Narbonne Crescent (North leg)	Chaumont Drive	NC	WB	Α	New Subdivision	9
(n)	Narbonne Crescent (South leg)	Chaumont Drive	NC	WB	Α	New Subdivision	9
(o)	Chaumont Drive	Highland Road	NC	SB	Α	New Subdivision	9
(p)	Bellagio Avenue	Celestial Crescent / Keystone Crescent	NB/SB	EB/WB	В	Park Safety Review	11
(q)	Millen Road	Shoreview Place	NC	NB	С	New Intersection	10
(r)	Shoreview Place	Millen Road	NC	EB/WB	С	New Intersection	10
(s)	Fifty Road	Halifax Street	EB	NB/SB	В	Warranted all way stop	11
(t)	Leckie Avenue	Byron Avenue	EB Yield	EB Stop	А	Converting existing "Yield" to "Stop"	9

Legend

No Control Existing (New Subdivision) - NC

Intersection Class: A - Local/Local B - Local/Collector C - Collector/Collector

**CARRIED** 

## 2. Organizational Structure Improvement – Asphalt Repair Program (PW16006) (City Wide) (Item 5.2)

## (Ferguson/VanderBeek)

That Report PW16006 respecting Organizational Structure Improvement – Asphalt Repair Program, be received.

3. TransCab Services - Lakewood Beach Community Council (PW16010) (Ward 10) (Item 5.3)

#### (Collins/Merulla)

That Report PW16010 respecting TransCab Services - Lakewood Beach Community Council, be received.

**CARRIED** 

4. Sanitary Sewer Extension along Highway 56 from Golf Club Road to Twenty Mile Creek to service Binbrook (PW16011) (Ward 11) (Item 5.4)

## (Jackson/Conley)

That the requirements of the Procurement Policy 5.3 to Issue a Competitive Bid be waived and that the General Manager of Public Works be authorized to:

- (a) Negotiate with McNally Construction Inc. a price to carry-out construction of a new 1200mm diameter sanitary sewer on Highway 56 from Golf Club Road to Twenty Mile Creek;
- (b) That should an acceptable price be achieved, a purchase order be issued to McNally Construction Inc. as part of the current ongoing construction Contract C15-47-14(HS); and,
- (c) That funding for the proposed work be funded from the 2016 approved budget Project ID: 5161395358 Binbrook (WHY 56 Forcemain and Twinning (ww-21).

CARRIED

5. Cost Recovery Using Funding Methodology for Municipal Infrastructure Extensions - Regional Road 56 - Sanitary Sewer and Watermain (PW16012) (Ward 11) (Item 5.6)

### (Conley/Ferguson)

(a) That, pursuant to the Funding Methodology for Municipal Infrastructure Extensions Policy, approved by Council, the General Manager of Finance and Corporate Services be authorized and directed to prepare the necessary bylaw(s) in accordance with the provision of the *Municipal Act* to impose the 2015 User Flat Rate Fee of \$7,070.00 for new sanitary sewers and full cost recovery for the construction of sanitary sewer laterals (from the main sewer and to the property line) against benefiting properties on Regional Road 56 from 2323 Regional Road 56 to 3084 Regional Road 56; and,

- (b) That the General Manager of Finance and Corporate Services be authorized and directed to prepare the necessary by-law(s) in accordance with the provision of the *Municipal Act* to impose the 2015 User Flat Rate Fee of \$4,955.00 for new watermains and full cost recovery for the construction of water services (from the watermain to the property line) on Regional Road 56 from 3021 Regional Road 56 to 3084 Regional Road 56 and full cost recovery for the construction of water services (from the watermain to the property line) on Regional Road 56 from 2323 Regional Road 56 to 2651 Regional Road 56; and,
- (c) That the fees for the municipal sanitary sewer and sewer laterals and watermain and water services as outlined in Recommendations (a) and (b) of Report PW16012 shall be collected by the City prior to issuance of a permit to the benefiting property owners with the 2015 Service Extension Flat Fee in effect up until December 31, 2018; and,
- (d) That if the property owner chooses to connect to the sewer or watermain after this date, then the Service Extension Flat Fee shall be the rate in the year in which the property owner applies for the permit to connect and the cost of the sewer and/or water permit is not included in any of these fees.

**CARRIED** 

## 6. Gore Pedestrianization Initiative - Phase 2 (PW16014) (Ward 2) (Item 5.7)

## (Conley/Jackson)

- (a) That the General Manager, Public Works be authorized through Procurement Policy #11, Non-competitive Procurements, to negotiate, enter into, and execute a contract and any ancillary documents required in a form satisfactory to the City Solicitor, with UCC Group Incorporated for the completion of the Gore Pedestrianization Initiative Phase 2; and,
- (b) That the negotiated contract be based on the unit prices submitted by UCC Group Incorporated in response to request for tenders for contract C15-22-14(P), Gore Pedestrianization Initiative Phase 1, to a predetermined upset limit that does not exceed funds that have been approved by Council through the capital budget process.

- 7. Report 16-001 of the Truck Route Sub-Committee February 4, 2016 (Item 5.8)
  - (i) Province-Wide Standardization of Truck Traffic Signage (Item 7.1)

#### (Ferguson/Collins)

- (a) That the Mayor correspond with the Minister of Transportation requesting province-wide standardization of signage related to truck traffic on local roads in Ontario in order to achieve consistency; and,
- (b) That staff be directed to formally review truck route initiatives with the LRT Sub-Committee, LRT planning group, and Transportation Master Plan staff, as it relates to potential impacts of the LRT project.

CARRIED

8. Proposed Permanent Closure of a Portion of the Road Allowance of Harrison Road, Hamilton (PW16005) (Ward 11) (Item 6.1)

### (Collins/Conley)

That portions of the road allowance of Harrison Road, Hamilton, known as Parts 1,4,6 and 8 on Plan 62R-5181, as shown on Appendix "A", attached to Report PW16005, be permanently closed, subject to the following conditions:

- (a) That the City Solicitor be authorized and directed to prepare a by-law to permanently close the portions of the highway;
- (b) That the appropriate by-law be introduced to permanently close the portions of the highway;
- (c) That the Economic Development and Real Estate Division of the Planning and Economic Development Department be authorized and directed to sell portions of the closed highway, in accordance with the Procedural Bylaw for the Sale of Land, By-law No. 04-299, in accordance with the direction of the Engineering Services Committee Report 13/80, Item M80-16-036;
- (d) That the City Solicitor be authorized and directed to register a certified copy of the by-law permanently closing portions of the highway known as Harrison Road in the proper land registry office;
- (e) That the by-law permanently closing portions of the highway known as Harrison Road does not take effect until a certified copy of the by-law is registered in the proper land registry office; and,

(f) That the Public Works Department publish a Notice pursuant to the City's intention to pass the by-law pursuant to City of Hamilton By-law 04-299 being a By-law to Establish Procedures, including the Giving of Notice to the Public, Governing the Sale of Land Owned by the City of Hamilton.

CARRIED

9. Waste Free Ontario Act, Bill 151 (PW16007) (City Wide) (Item 7.2)

### (Collins/Conley)

That Report PW16007 respecting the Waste Free Ontario Act, Bill 151, be received.

**CARRIED** 

10. Final Partial Award of C15-05-15 (HSW) Regional Road 56 – Southbrook Drive to Twenty Mile Creek Road/Sidewalk Reconstruction, Storm/Sanitary Sewer Construction, Sanitary Forcemain Construction and Watermain Construction (PW16013) (Ward 11) (Item 8.1)

## (Jackson/Collins)

- (a) That the General Manager of Public Works be authorized and directed to proceed with the tender and final partial award of C15-05-15(HSW) to Coco Paving Inc. in the amount of \$1,855,000 as identified on Appendix A to Report PW16013;
- (b) That Project ID 5141580588 (RR 56 Binbrook Road to Viking) be increased by \$480,000 from \$710,000 to \$1,190,000 and that this increase be funded by a transfer from the Residential DC Reserve 110300 (66% \$317,000) and the Non-Residential DC Reserve 110301 (34% \$163,000);
- (c) That Project ID 5181180188 (RR 56 Binbrook Rd to Cemetery) be increased by \$490,000 from \$1,960,000 to \$2,450,000 and that this increase be funded by a transfer from the Residential DC Reserve 110304 (50% \$245,000) and the Non-Residential DC Reserve 110305 (50% \$245,000); and,
- (d) That the original estimated allocation for street lighting of \$600,000 be increased by \$285,000 to \$885,000 and be charged Project ID 4041610016 (2016 Street Lighting Program).

## 11. Golf Courses - Proposed Fee Structure 2016/2017 User Fees Update (PW15053(a)) (Wards 1 & 5) (Item 8.2)

## (Collins/Ferguson)

- (a) That the "Golf Course Market Analysis Study", contained in Appendix A to Report PW15053(a) be received;
- (b) That the new fee structure for Season Passes & Green Fees in Appendix B to Report PW15053(a) be approved and that the new rates be adopted for two golf seasons (2016 & 2017);
- (c) That staff review the ongoing performance at all three golf courses and report back to the Public Works Committee at the end of the 2016 golf season;
- (d) That the Manager of Sports & Entertainment Facilities or designate in Golf Operations be given the flexibility to reduce the green fee rates at their discretion as a "sell off" rate, only to be applied when the tee sheet and market demands are not favourable within a 48 hour window.

AMENDMENT CARRIED MOTION, AS AMENDED, CARRIED

## 12. Establishment of a Leash-Free Dog Park in the Claremont Open Space Area (Item 9.3)

## (Merulla/Jackson)

- (a) That staff be directed to establish a Leash-Free Dog Park in the Claremont Open Space Area; and,
- (b) That the Ward 2 Area Rating Account be used to fund the Leash-Free Dog Park in the Claremont Open Space Area at an upwards cost of \$30,000; and,
- (c) That the City Solicitor be authorized and directed to prepare the appropriate by-law to amend By-law 12-031, a By-law for Responsible Animal Ownership, in the City of Hamilton, to include the Claremont Open Space Area as a Leash-Free Dog Park location.

## 13. 2016 – Deficient Concrete Infrastructure Repairs within Ward 7 (Item 9.4)

#### (Jackson/Merulla)

- (a) That staff be directed to complete various concrete infrastructure Repairs in Ward 7 at an estimated cost of \$100,000;
- (b) That the works be funded from the Ward 7 Area Rating Special Capital Re-Investment Account No. 108057;
- (c) That the General Manager of Public Works be authorized to prepare, advertise and award tenders as required for the above-noted works.

**CARRIED** 

## 14. 2016 - Mountable Curb Program in Ward 7 (Item 9.5)

## (Jackson/Merulla)

- (a) That approximately fifty mountable curbs within Ward 7 be re-constructed;
- (b) That the re-construction cost for these fifty mountable curbs, in the amount of \$100,000, be funded from the Ward 7 Area Rating Special Capital Re-Investment Account No. 108057;
- (c) That the General Manager of Public Works be authorized to prepare, advertise and award tenders as required for the above-noted works.

**CARRIED** 

## 15. Procurement Policy #11 respecting the Ancaster Memorial Arts and Culture Centre (Item 9.6)

#### (Ferguson/VanderBeek)

WHEREAS, the capital project Ancaster Memorial Arts & Culture Centre 3541641602 was approved by Council in the 2016 capital budget, and;

WHEREAS, INVIZIJ ARCHITECTS INC. is a roster consultant under contract C12-07-14, consulting roster, with the City of Hamilton at set hourly consulting rates, and;

WHEREAS, INVIZIJ ARCHITECTS INC. completed a detailed feasibility including concept design, public engagement, parking study, and phase 1 archaeological study in 2015 and there is value to the City to have continuity of services on the project;

- (a) That the single source procurement, pursuant to Procurement Policy #11 Non-competitive Procurements, for design and contract administration work on the Council-approved capital project: Ancaster Memorial Arts & Culture Centre 3541641602 be approved; and,
- (b) That the General Manager, Public Works Department, be authorized to negotiate, enter into and execute a Contract and any ancillary documents required to give effect thereto with INVIZIJ ARCHITECTS INCO., in a form satisfactory to the City Solicitor.

**CARRIED** 

## 16. Report 16-001 of the Public Works Interview Sub-Committee (Added Item 12.1)

### (Ferguson/Merulla)

That Report 16-001 of the Public Works Interview Sub-Committee be approved and remain confidential until approved by City Council.

**CARRIED** 

#### FOR THE INFORMATION OF THE COMMITTEE:

## (a) CEREMONIAL ACTIVITY (Item A)

Chair Whitehead congratulated staff from the Engineering Services Division for recently being awarded the Ontario Public Works Association's "Project of the Year" for the Reconstruction Project on Concession Street.

The Committee recognized the following staff for their achievement: John Cowperthwaite, Andrew Felinczak, Susan Jacob, Dan Lenko, Chris McCafferty and Marco Oddi.

Ward Councillor Jackson thanked staff for their work on this project and for helping the project to run smoothly to lessen the impact on residents and businesses. Gary Moore, Director of Engineering Services, also thanked staff for their work on this project.

## (b) APPROVAL OF THE AGENDA (Item 1)

The Committee Clerk advised of the following changes to the agenda.

## (i) DELEGATION REQUESTS (Item 4)

Added Item 4.3 – Delegation Request from the Lakewood Beach Community Council respecting Public Safety and Transportation in their neighbourhood.

## (ii) PRIVATE AND CONFIDENTIAL (Item 12)

Added Item 12.1 – Report 16-001 of the Public Works Interview Sub-Committee

### (Ferguson/VanderBeek)

That the Agenda for the February 29, 2016 meeting of the Public Works Committee be approved, as amended.

CARRIED

## (b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

## (c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)

(i) February 1, 2016 (Item 3.1)

#### (Conley/Merulla)

That the Minutes of the February 1, 2016 Public Works Committee meeting, be approved, as presented.

CARRIED

### (d) DELEGATION REQUESTS (Item 4)

(i) Peter Stopyn respecting Opposition to the Use of Red Light Cameras (for a future meeting) (Item 4.1)

## (Collins/Conley)

That the Delegation Request from Peter Stopyn respecting Opposition to the Use of Red Light Cameras be approved for a future meeting.

(ii) John Vesprini respecting Concerns with Lake Avenue Drive (for a future meeting) (Item 4.2)

## (Conley/Ferguson)

That the Delegation Request from John Vesprini respecting Concerns with Lake Avenue Drive be referred to staff for a report back to the Public Works Committee.

CARRIED

(iii) Lakewood Beach Community Council respecting Public Safety and Transportation in their neighbourhood (for a future meeting) (Added Item 4.3)

### (Collins/Jackson)

That the Delegation Request from the Lakewood Beach Community Council respecting Public Safety and Transportation in their neighbourhood be approved for a future meeting.

CARRIED

- (e) CONSENT ITEMS (Item 5)
  - (i) Minutes of the Waste Management Advisory Committee (Item 5.5)
    - (1) June 18, 2015 (Item 5.5(a))

## (Conley/Ferguson)

That the Minutes of the Waste Management Advisory Committee dated June 18, 2015, be received.

CARRIED

(2) September 10, 2015 (Item 5.5(b))

#### (Conley/Ferguson)

That the Minutes of the Waste Management Advisory Committee dated September 10, 2015, be received.

**CARRIED** 

- (f) PUBLIC HEARINGS/DELEGATIONS (Item 6)
  - (i) Proposed Permanent Closure of Portions of the Road Allowance of Harrison Road, Hamilton (PW16005) (Ward11) (Item 6.1)

Chair Whitehead informed Committee members that because Item 6.1 relates to a proposed permanent closure of portions of a road allowance that a public meeting was required.

Chair Whitehead indicated that a notice about the public meeting was placed in local newspapers and posted on the City's website advising that anyone whose lands are prejudicially affected may appear before the Committee.

The Committee Clerk advised that no individuals registered to speak to this issue.

Chair Whitehead asked if there were any members of the public wished to come forward to speak to this matter. No members of the public came forward.

For disposition on this matter refer to Item 8.

## (g) PRESENTATIONS (Item 7)

## (i) Annual Update from the Hamilton Cycling Committee (Item 7.1)

Mr. Bob Corsini and Mr. Brian Chewter, members of the Hamilton Cycling Committee, provided the Public Works Committee with an Annual Update with the aid of a PowerPoint presentation. A copy of the presentation has been retained for the official record.

The presentation included, but was not limited to, the following information:

- Progress to Date
  - Sobi Bike Share Program
  - Cannon Cycle Track
  - Gage Park Pump Track
  - Signature Cycling Routes
- Network of Bike Lanes have doubled in the past two terms of Council
- Data Collection to better understand bicycle ridership
- Working towards Complete, Liveable, Better Streets
- Share the Road Campaign

#### (Jackson/Conley)

That the Annual Update from the Hamilton Cycling Committee, be received.

### (ii) Waste Free Ontario Act, Bill 151 (PW16007) (City Wide) (Item 7.2)

Mr. Emil Prpic, Manager, Recycling and Waste Disposal, addressed the Committee respecting PW Report 15007 - the *Waste Free Ontario Act*, Bill 151 with the aid of a PowerPoint presentation. A copy of the presentation has been retained for the official record.

The presentation included, but was not limited to, the following information:

- Overview and Background to the Waste Free Ontario Act
- Province's Objectives
- Resources Recovery and Circular Economy Act
- Waste Diversion Transition Act
- Timeline for the Waste Free Ontario Act
- Municipal Considerations
  - Stakeholder Review and Comments
  - City of Hamilton Comments to the Environmental Bill of Rights (EBR)
  - Implications for the City
- Plans and Next Steps

## (Collins/Conley)

That the presentation respecting the *Waste Free Ontario Act*, Bill 151, be received.

CARRIED

For disposition on this matter refer to Item 9.

#### (h) DISCUSSION ITEMS (Item 8)

## (i) Golf Courses – Proposed 2016/2017 User Fees Update (Wards 1 & 5) (PW15053(a)) (Item 8.2)

#### (Jackson/Merulla)

That Report PW15053(a) respecting Golf Courses – Proposed 2016/2017 User Fees Update be amended, as follows:

- (a) That the "Golf Course Market Analysis Study", contained in Appendix A to Report PW15053(a) be received;
- (b) That the new fee structure for Season Passes & Green Fees in Appendix B to Report PW15053(a) be approved and that the new rates be adopted for two golf seasons (2016 & 2017);

- (c) That staff review the ongoing performance at all three golf courses and report back to Public Works Committee for the 2018 golf season;
- (c) That the Manager of Sports & Entertainment Facilities or designate in Golf Operations be given the flexibility to reduce the green fee rates at their discretion as a "sell off" rate, only to be applied when the tee sheet and market demands are not favourable within a 48 hour window.

CARRIED

For disposition on this matter, refer to Item 11.

## (i) MOTIONS (Item 9)

Chair Whitehead relinquished the Chair to Vice Chair VanderBeek so that he could introduce the following Motion:

(i) Impacts of a Change in the 2007 Master Transportation Plan Recommended Policy (Item 9.1)

### (Whitehead/Conley)

WHEREAS, it has been identified in the 2007 Transportation Master Plan (TMP) that the appropriate Level of Service (LOS) for the arterial road network to operate is at a LOS D or better;

WHEREAS, Appendix A to this Motion provides an outline of the definition of Level of Service for roadways and intersections and a schematic found on the City of Denver website; and,

WHEREAS, there are a number of requests/complaints that have been received in Ward 8 with respect to congestion occurring on multiple roadways throughout the City of Hamilton.

#### THEREFORE BE IT RESOLVED:

(a) That Public Works Transportation Planning staff be directed to report to the Public Works Committee with a review of the feasibility of the impacts of a change in the 2007 Transportation Master Plan Recommended Policy that would replace the following:

"When planning, designing and building transportation corridors, balance Level of Services (LOS) across all modes, with the objective of providing a minimum level of service of D for all modes."

With:

"When planning, designing and building transportation corridors, balance Level of Services (LOS) across all modes, with the objective of providing a minimum level of service of C for all modes."; and,

(b) That staff be directed to identify the feasibility of all costs and implications to this change from a LOS D to a LOS C or better and report back with their findings to Public Works Committee in 2016.

**CARRIED** 

## (ii) Parking Concerns at Upper Paradise Road and Stonechurch Road West (Item 9.2)

## (Whitehead/Conley)

WHEREAS, concerns respecting the need for parking at Upper Paradise Road and Stone Church Road West, as outlined in Report PED06340(b), continue to escalate; and,

WHEREAS, retail development at the intersection of Upper Paradise Road and Stone Church Road West continues to increase;

#### THEREFORE BE IT RESOLVED:

- (a) That staff be directed to report to the Public Works Committee with an assessment of the feasibility, and costing, of adding parking (on road routes) in the Upper Paradise and Stone Church Road West area; and,
- (b) That should any work result from the assessment respecting Parking Concerns at Upper Paradise Road and Stone Church Road West that it be funded through the Ward 8 Area Rating Reserve Account.

CARRIED

Councillor Whitehead then reassumed the Chair for the remainder of the meeting.

## (j) GENERAL INFORMATION/OTHER BUSINESS (Item 11)

- (i) Outstanding Business List (Item 11.1)
  - (i) Items Requiring a Revised Due Date (Item 11.1(a))

## (Ferguson/Jackson)

That the due dates of the following items be revised:

- (i) Solar Panels on Active and Dormant Landfill Sites Current Date: February 29, 2016 Revised Due Date: March 21, 2016
- (ii) Allowing Larger-Sized Dogs on the HSR Current Date: February 29, 2016 Revised Due Date: March 21, 2016

**CARRIED** 

(ii) Items Considered Complete and to be Removed (Item 11.1(b))

#### (Ferguson/Jackson)

That the following items be considered complete and removed from the Outstanding Business List:

- (i) TransCab Services Lakewood Beach Community Council
- (ii) Organizational Structure Improvement Asphalt Repairs

**CARRIED** 

## (k) ADJOURNMENT (Item 13)

#### (Ferguson/VanderBeek)

That there being no further business, the Public Works Committee be adjourned at 11:48 a.m.

**CARRIED** 

Respectfully submitted,

Councillor T. Whitehead, Chair Public Works Committee

Lauri Leduc Legislative Coordinator Office of the City Clerk