



CITY of NOVI CITY COUNCIL

Agenda Item F
November 8, 2010

SUBJECT: Approval of Traffic Control Device Agreement with the Road Commission for Oakland County for the modernization of the existing traffic signal at Grand River Avenue and Meadowbrook Road following completion of the Grand River Avenue Rehabilitation project (Novi Road to Haggerty Road) in 2012.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *RZ* *PLC*

CITY MANAGER APPROVAL:

BACKGROUND INFORMATION: *[Signature]*

The Road Commission for Oakland County (RCOC) has provided an Agreement for Traffic Control Device for the modernization of the existing traffic signal at Grand River Avenue and Meadowbrook Road. Modernization includes the complete reconstruction and replacement of the existing equipment. The new installation includes decorative mast arms for the new signals to replace the existing diagonal span wire, Americans with Disabilities Act (ADA) improvements (countdown pedestrian signals and sidewalk ramp upgrades), new controller for the coordination of the signal with RCOC's network, and installation of lower energy use LED lamps.

The signal was originally installed under a 1978 agreement (attached). The work is proposed to occur in conjunction with the Grand River Avenue rehabilitation project (Novi Road to Haggerty Road) that is funded for 2012. The total cost of the signal project is approximately \$160,000, of which \$40,000 is attributable to the inclusion of the mast arms. Because the signal installation is not part of the federal funding for the road project, RCOC will not share in the cost of the mast arm installation. Therefore the cost allocation for the installation recognizes a 50-50 split of the \$120,000 of a span wire installation, and a full allocation of the \$40,000 mast arm cost to Novi. The agreement reflects that \$100,000 (67.5% of the total project cost) would be paid by Novi and \$60,000 (37.5% of the project cost) would be paid by RCOC. The annual maintenance of the signal is shared equally between RCOC and the City of Novi, which is consistent with the 1978 agreement and current practice (50% of the roads at intersection are under Novi's jurisdiction, therefore Novi shares 50% of the cost).

This is a standard agreement from RCOC that has been reviewed by the Engineering Division and approval is recommended. Construction is scheduled in 2012 as part of the Grand River Avenue Rehabilitation project (Novi Road to Haggerty Road).

RECOMMENDED ACTION: Approval of Traffic Control Device Agreement with the Road Commission for Oakland County for the modernization of the existing traffic signal at Grand River Avenue and Meadowbrook Road following completion of the Grand River Avenue Rehabilitation project (Novi Road to Haggerty Road) in 2012.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Crawford				
Council Member Fischer				

	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Staudt				

STATE OF MICHIGAN
 BOARD OF COUNTY ROAD COMMISSIONERS
 OAKLAND COUNTY
 AGREEMENT FOR TRAFFIC CONTROL DEVICE

Type of Work: Traffic Signal Modernization

Location: Grand River Avenue and Meadowbrook Road

Signal No: 481

Date Effective:

Under authority of state law and by virtue of resolution formally adopted by their respective governing bodies, the under-signed hereby agree to participate in the cost of installation, maintenance and operation of the above traffic control device on the basis of the following division of costs. (Title to equipment shall remain with the purchasing agency, unless purchased for roads not under the jurisdiction of the Board of County Road Commissioner.) The proportionate share of all costs are to be billed monthly. This agreement is terminable on thirty days written notice by any party.

DIVISION OF COSTS

AGENCY	MODERNIZATION		MAINTENANCE
	Percent	Estimated Cost	Percent
RCOC	37 ¹ / ₂ %	\$ 60,000.00	50%
City of Novi	62 ¹ / ₂ %	\$ 100,000.00	50%
Total	100 %	\$ 160,000.00	100 %

It is further agreed that the agency responsible for payment of energy billings and/or leased line interconnection billings included in maintenance costs, shall be the ROAD COMMISSION FOR OAKLAND COUNTY.

It is further agreed that the agency responsible for making original and replacement installations and performing maintenance shall be the ROAD COMMISSION FOR OAKLAND COUNTY.

"In the event the traffic control device referred to in this agreement is located on a road or street that is not under the jurisdiction of the Road Commission for Oakland County, the authority having the jurisdiction over the road or street hereby agrees to save harmless, indemnify, represent, and defend the Road Commission for Oakland County from any and all claims, demands, or suits arising out of or relating to the installation, maintenance and operation of the traffic control device which is the subject matter of this agreement."

"In the event the traffic control device referred to in this agreement is located on a road or street that is under the jurisdiction of the Road Commission for Oakland County and by virtue of this agreement will be maintained by an agency other than the Road Commission for Oakland County, then and in that event the said agency hereby acknowledges that it is undertaking the Road Commission for Oakland County's duty to maintain the said traffic control device and further agrees to provide insurance coverage protecting the Road Commission for Oakland County."

APPROVED:
 ROAD COMMISSION FOR OAKLAND COUNTY

APPROVED:
 CITY OF NOVI

Date _____

Date _____

By _____
 Gary Piotrowicz

By _____

DIRECTOR OF TRAFFIC-SAFETY
 Title of Authorized Official

 Title of Authorized Official

*Certified copy of resolution must be submitted with this form for new installations.

BOARD OF COUNTY ROAD COMMISSIONERS

OAKLAND COUNTY

2420 PONTIAC LAKE ROAD
PONTIAC, MICHIGAN 48054

858-4571

AGREEMENT FOR TRAFFIC CONTROL DEVICE

Type of Work Traffic Signal and Advance Flasher Installation

Location Grand River at Meadowbrook Signal Agreement No. 481

City Novi Date Effective 1-13-78

*Under authority of state law and by virtue of resolutions formally adopted by their respective governing bodies, the undersigned hereby agree to participate in the cost of installation, maintenance and operation of the above traffic control device on the basis of the following division of costs.

Table with columns: AGENCY, DIVISION OF COSTS, INSTALLATION, MAINTENANCE. Rows include Oakland County Road Commission and City of Novi with percentages and estimated costs.

It is further agreed that the agency responsible for payment of energy billings and/or leased line interconnection billings included in maintenance costs, shall be the

[X] County Oakland County Road Commission [] City, Village, or Township of

It is further agreed that the agency responsible for making original and replacement installations and performing maintenance shall be the

[X] County Oakland County Road Commission [] City, Village, or Township of

"In the event the traffic control device referred to in this agreement is located on a road or street that is not under the jurisdiction of the Oakland County Road Commission, the authority having jurisdiction over the road or street hereby agrees to protect, defend and save harmless the Oakland County Road Commission from any and all claims, demands or suits arising out of the undertakings of the Oakland County Road Commission by virtue of this agreement."

"In the event the traffic control device referred to in this agreement is located on a road or street that is under the jurisdiction of the Oakland County Road Commission and by virtue of this agreement will be maintained by an agency other than the Oakland County Road Commission, then and in that event the said agency hereby acknowledges that it is undertaking the Oakland County Road Commission's duty to maintain the said traffic control device and further agrees to provide insurance coverage protecting the Oakland County Road Commission."

APPROVED: Oakland County Road Commission (County) Date 1-13-78 By [Signature] County Highway Engineer (Title of Authorized Official)

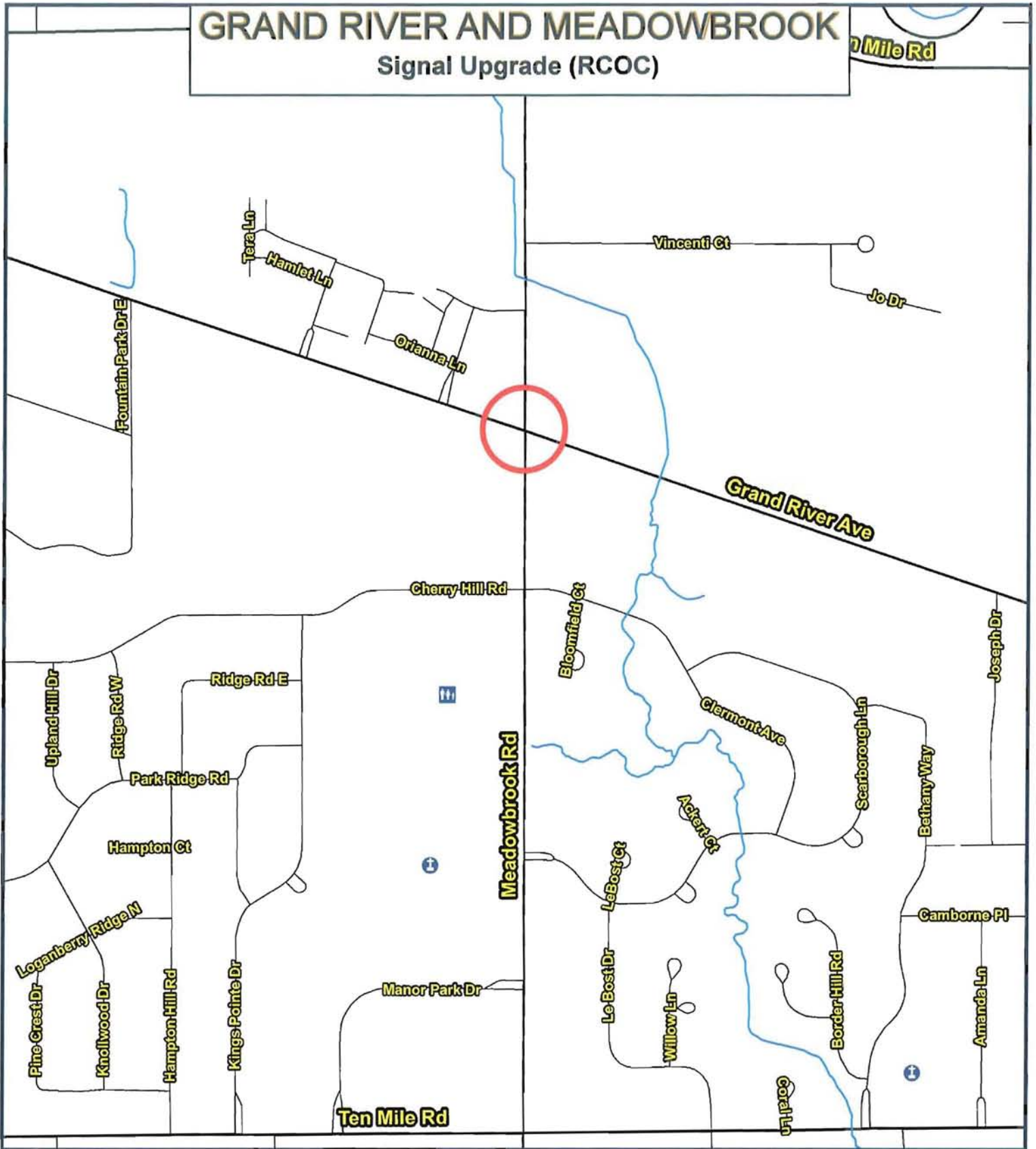
APPROVED: City of Novi (Local Agency) Date 8-25-77 By [Signature] City Manager (Title of Authorized Official)

APPROVED: (Local Agency) Date By (Title of Authorized Official)

* Certified copy of resolution must be submitted with this form for new installations.

GRAND RIVER AND MEADOWBROOK

Signal Upgrade (RCOC)



Map Author: Croy
 Date: 11/1/10
 Project:
 Version #: 1.0

Amended By:
 Date:
 Department:

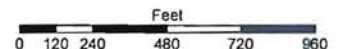
MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Map Legend



City of Novi
 Department Division
 Department Name
 45175 W Ten Mile Rd
 Novi, MI 48375
 cityofnovi.org



1 inch = 618 feet