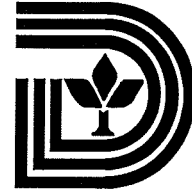


Memorandum



CITY OF DALLAS

DATE March 31, 2011

TO Trinity River Corridor Project Committee Members:
David A. Neumann (Chairman) Vonciel Jones Hill
Steve Salazar (Vice-Chair) Delia Jasso
Linda Koop Ann Margolin
Deputy Mayor Pro Tem Pauline Medrano
Carolyn R. Davis

SUBJECT **Relocation of Transmission Lines in the Trinity River Corridor**

The attached briefing on the relocation of transmission lines in the Trinity River Corridor will be presented at the Trinity River Corridor Project Committee meeting on April 5, 2011. The briefing includes background information, previous and proposed actions, funding and schedule for completion.

Please contact me if you have questions.

Jill A. Jordan, P.E.
Assistant City Manager



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Attachment

Cc: Honorable Mayor and Members of the City Council
Mary K. Suhm, City Manager
Ryan S. Evans, First Assistant City Manager
A.C. Gonzalez, Assistant City Manager
Forest E. Turner, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Deborah A. Watkins, City Secretary
Thomas P. Perkins, Jr., City Attorney
Craig D. Kinton, City Auditor
Judge C. Victor Lander
Helena Stevens-Thompson, Asst. to the City Manager
Frank Libro, Director, Public Information Office
Kelly High, Director, Trinity Watershed Management
Rebecca Rasor, P.E., Managing Director, Trinity River Corridor Project

Relocation of Transmission Lines in the Trinity River Corridor

Trinity River Corridor Project
Committee

April 5, 2011



Purpose

- Provide information on plans for eliminating some transmission towers along the east Trinity River levee and relocating those transmission lines along Irving Blvd.

Background: Previous Council Actions

- On March 3, 2004 City Council approved locally preferred route for West Levee Norwood transmission line
- On April 14, 2004 City Council authorized a Memorandum of Understanding between the City and Oncor
 - stated that the two entities anticipate and desire to continue to work towards mutually agreeable and beneficial solutions to address issues concerning power transmission lines in the Trinity River Corridor
- On May 23, 2007 City Council authorized an agreement with Oncor permitting the escrow of \$4.5M in City funds to pay for the City's 25% share of the incremental cost to underground a portion of the West Levee Norwood transmission line
- On March 4, 2008, Staff presented a briefing to the Trinity Committee that outlined additional near- and long-term plans for relocation of transmission lines along the Trinity River Corridor

Power Transmission Lines Reference Map

Near-Term Issues

Long-Term Issues

Norwood Switching Station

ISSUE #1: Installation of West Levee Norwood 345 kV Line - along median of Irving Boulevard, crossing Trinity River aerially, east of Sylvan Bridge

ISSUE #2a: Consolidate existing aerial lines along East Levee to Irving Boulevard

ISSUE #2b: Relocate existing aerial lines along East Levee to Riverfront Boulevard

Trinity River

ISSUE #1: Installation of West Levee Norwood 345 kV Line - underground segment along Canada Drive, from Sylvan to West Levee Switching Station

ISSUE #3: Convert Existing Aerial Lines to Underground

East Levee Switching Station

ISSUE #5: East Levee:
Convert Existing Aerial Lines to Underground

CBD

Vicinity of Future Dallas South Network Substation

West Levee Switching Station

ISSUE #6: West Levee:
Convert Existing Aerial Lines to Underground

ISSUE #4: Consider future Underground segment adjacent to Pegasus Project

Future Margaret Hunt Hill Signature Bridge

Future McDermott Signature Bridge

West Network Substation

Industrial Blvd. Switching Station

New Transmission Line

Existing Transmission Lines

Future Transmission Line



Background: Previous Oncor Actions

- Oncor completed the construction of the West Levee Norwood transmission line in 2010, with the following segments
 - Underground portion from Continental Ave. to Sylvan Ave. under Canada Drive
 - Transition station at Sylvan Ave. & Topeka Ave. on west levee
 - Aboveground crossing of the Trinity River floodplain along the south side of Sylvan Ave.
 - Aboveground transmission lines in the median of Irving Blvd., down to the Norwood Switching Station
- At the City's request, and in concert with the City/Oncor Memorandum of Agreement, the transmission towers along Irving Blvd. were equipped to accommodate the future underhanging of an additional transmission line, relocated from the east levee

West Levee Norwood Transmission Line

Norwood
Switching
Station



A) Irving Boulevard

B) Sylvan
Bridge

C) West
Levee

West Levee
Switching
Station

New Issue

- City desires elimination of transmission towers along the east levee from Sylvan Ave. down to Irving Blvd.
- Oncor's construction of transmission lines along Irving Blvd. were built to accommodate the relocation and underhanging of the 138 kV lines currently along the east levee
- Oncor's estimate for this relocation is \$2.4 million
- City has funding from 1998 bond program for this effort

New Issue

Relocation of Existing Transmission Lines

Norwood
Switching
Station



A) Irving Boulevard

New Issue: Consolidate
Existing 138kV Lines along
East Levee (checked) to
Irving Boulevard (yellow)
(\$2.4M)

B) Sylvan
Bridge

C) West
Levee

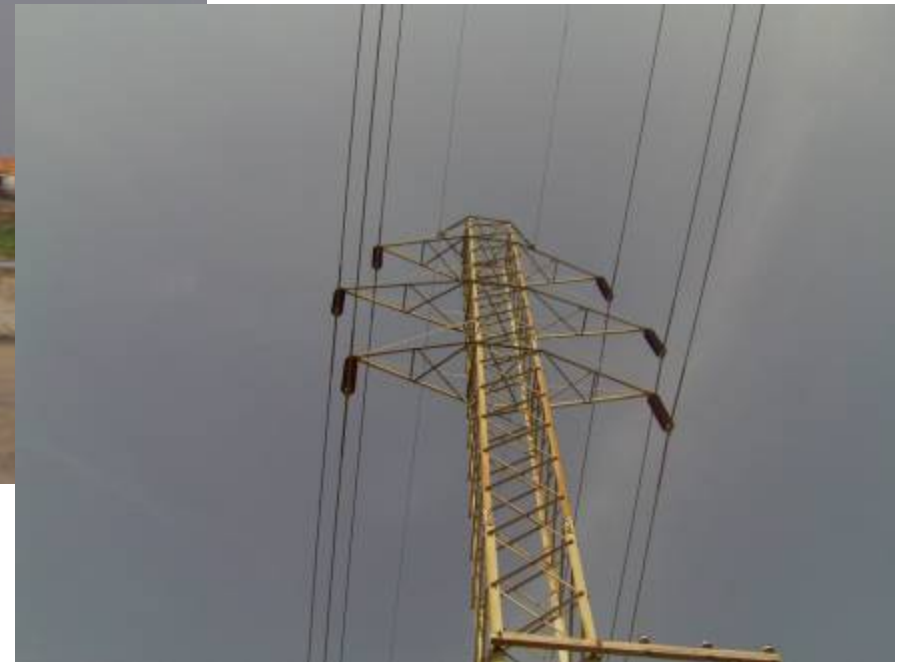
West Levee
Switching
Station



Existing East Levee Transmission Towers



These towers will be removed and lines will be relocated along Irving Blvd.



Irving Blvd. Transmission Towers



138 kV lines will hang
on these towers along
Irving Blvd.



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Next Actions

- Staff recommends approval to provide funding to Oncor for the following actions:
 - Relocation of the existing 138 kV transmission lines along the east levee, from Sylvan Ave. to Irving Blvd.
 - Removal of existing transmission towers along the east levee, from Sylvan Ave. to Irving Blvd.
- Item will be placed on the April 13, 2011 Council agenda for an amount not to exceed \$2.4 million (1998 Bond Funds)
- Upon given Notice to Proceed, Oncor will begin ordering the materials to complete this project (long lead time)
- Oncor expects to begin construction in mid-October 2011, and be complete in December 2011
 - Dates subject to execution of agreements and necessary easements from the City of Dallas
 - Also dependant on ERCOT transmission system line outage availability and receipt of any required regulatory approvals and permits