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OAKLAND
2015 OCT 29 PM 2:11

AGENDA REPORT

TO: Sabrina B. Landreth
City Administrator

FROM: Brooke A. Levin
Director, Public Works

SUBJECT: Section 130 Railroad Grade Crossing
Improvement Projects

DATE: September 16, 2015

City Administrator Approval

Date:

10/28/15

RECOMMENDATION

Staff recommends that City Council adopt:

A Resolution Authorizing The City Administrator To Accept And Appropriate Three Grants From The State Of California Section 130 Grade Crossing Improvement Program For 1) 29th Avenue Crossing In The Amount Of Five Hundred Thirty-Six Thousand, Six-Hundred and Twenty-Five Dollars (\$536,625.00); 2) At The 85th Avenue Crossing In The Amount Of Two Hundred Sixty-Four Thousand, Nine-Hundred And Thirty-Eight Dollars (\$264,938.00) And 3) 105th Avenue at Crossing in the Amount Of Three Hundred Eighty-Three Thousand, Nine-Hundred And Six Dollars (\$383,906.00).

EXECUTIVE SUMMARY

The City Of Oakland has been awarded grants for railroad crossing safety improvements from the California Public Utilities Commission (CPUC) at three high-priority locations, totaling \$1,185,469.00. The locations are at the Union Pacific Railroad (UPRR) crossings at 29th Avenue, 85th Avenue and 105th Avenue, and were selected based upon historic collision history and the opportunity to make safety improvements. City Council approval is required to accept the grants, and the attached resolution will accept the grant, and result in funding to design and construct improvements that will result in safer railroad crossing for pedestrians, bicycle and vehicles at the three subject locations.

BACKGROUND/LEGISLATIVE HISTORY

Title 23, Section 130 of the United States Code (U.S.C.) provides funding to state and local agencies for projects that eliminate hazards at railroad highway crossings. The State of California, Department of Transportation (Caltrans) administers and appropriates project funds at the State level through the Section 130 Program. In June 2014, the California Public Utilities Commission (CPUC), Union Pacific Railroad (UPRR) and the City jointly applied for Section 130 funding at the three subject crossing locations. The City was notified on July 15, 2015 that the grant was approved. The City will receive \$536,625.00 and \$264,938.00 and \$383,906.00 for railroad crossing improvements at 29th Avenue, 85th Avenue and 105th Avenue respectively.

Item: _____
Public Works Committee
November 10, 2015

UPRR will be performing additional crossing improvement work within their trackway to complement the City's work.

ANALYSIS AND POLICY ALTERNATIVES

In mid-2014, CPUC began a review of unimproved railroad crossings citywide for possible safety improvements. The CPUC selected three subject locations based upon accident records as well as the crossing surface and approach conditions.

The proposed improvements at 29th Avenue crossing include:

- Traffic signal modification
- Installation of curb and gutter
- Installation of sidewalks
- Installation of lane separation devices within 100 feet of the railroad tracks
- Installation of detectable warning signs

The proposed improvements at 85th Avenue crossing include:

- Installation of a curb and lane delineation system
- Installation of sidewalks, curb and gutter

The proposed improvements at 105th Avenue crossing include:

- Installation of sidewalks, curb and gutter
- Installation of sidewalks
- Installation of detectable warning signs

The various improvement treatments address pedestrian and vehicular safety and visibility, as well as pedestrian access, and are expected to greatly reduce the likelihood of collisions at these railroad crossings.

The project elements are consistent with the City of Oakland's 2002 Pedestrian Master Plan policy recommendations of increasing pedestrian safety, providing pedestrian access, and providing pedestrian amenities that enhance public spaces. Additionally, the project will improve railroad crossing conditions and connectivity for bicycles using "Complete Streets" design standards in accordance with City Ordinance number 13153.

FISCAL IMPACT

Approval of this resolution will authorize the City Administrator or designee to accept and appropriate \$536,625.00 for the 29th Avenue Railroad Crossing, \$264,938.00 for the 85th Avenue Railroad Crossing, and \$383,906.00 for the 105th Avenue Railroad Crossing in transportation funds from the State of California Section 130 Grade Crossing Improvement Program.

Grant funds will be deposited and appropriated to the California Department of Transportation Fund 2140, Traffic Capital Projects Organization (30264), and a new project number will be

established. These projects will rehabilitate and reconstruct sidewalks, traffic signal, and install curb and gutter, marking and signs which will reduce the short-term maintenance demand within the projects area.

PUBLIC OUTREACH/INTEREST

There was no specific public outreach, since the improvements were scoped in consultation with the UPRR and CPUC based solely upon the prior safety records and field review by CPUC.

COORDINATION

This report was coordinated with and reviewed by the Budget Office and the Office of the City Attorney. The scopes of work for these projects were coordinated with CPUC, UPRR and the City Americans with Disabilities Act (ADA) Office. The design and construction phase will be coordinated with Public Works Department, Bureau of Engineering and Construction, and Bureau of Infrastructure and Operations.

SUSTAINABLE OPPORTUNITIES

Economic: The project will improve the advance warning system for the railroad. It will also improve the sidewalks and abutting curb ramps at the railroad crossings. The project will improve safety for vehicles, bicycles and pedestrians.

Environmental: The project promotes a safer and healthier crossing for both vehicles and pedestrians at the railroad crossings. The environmental clearance will be processed during the Caltrans Local Assistance process.

Social Equity: The projects will improve safety for pedestrians and bicyclists as they cross the Union Pacific Railroad at 29th Avenue, 85th Avenue and 105th Avenue.

For questions regarding this report, please contact Wladimir Wlassowsky, Transportation Services Division Manager, at (510) 238-6383.

Respectfully submitted,



BROOKE A. LEVIN
Director, Oakland Public Works

Reviewed by:
Michael J. Neary, P.E., Assistant Director
OPW, Bureau of Engineering and Construction

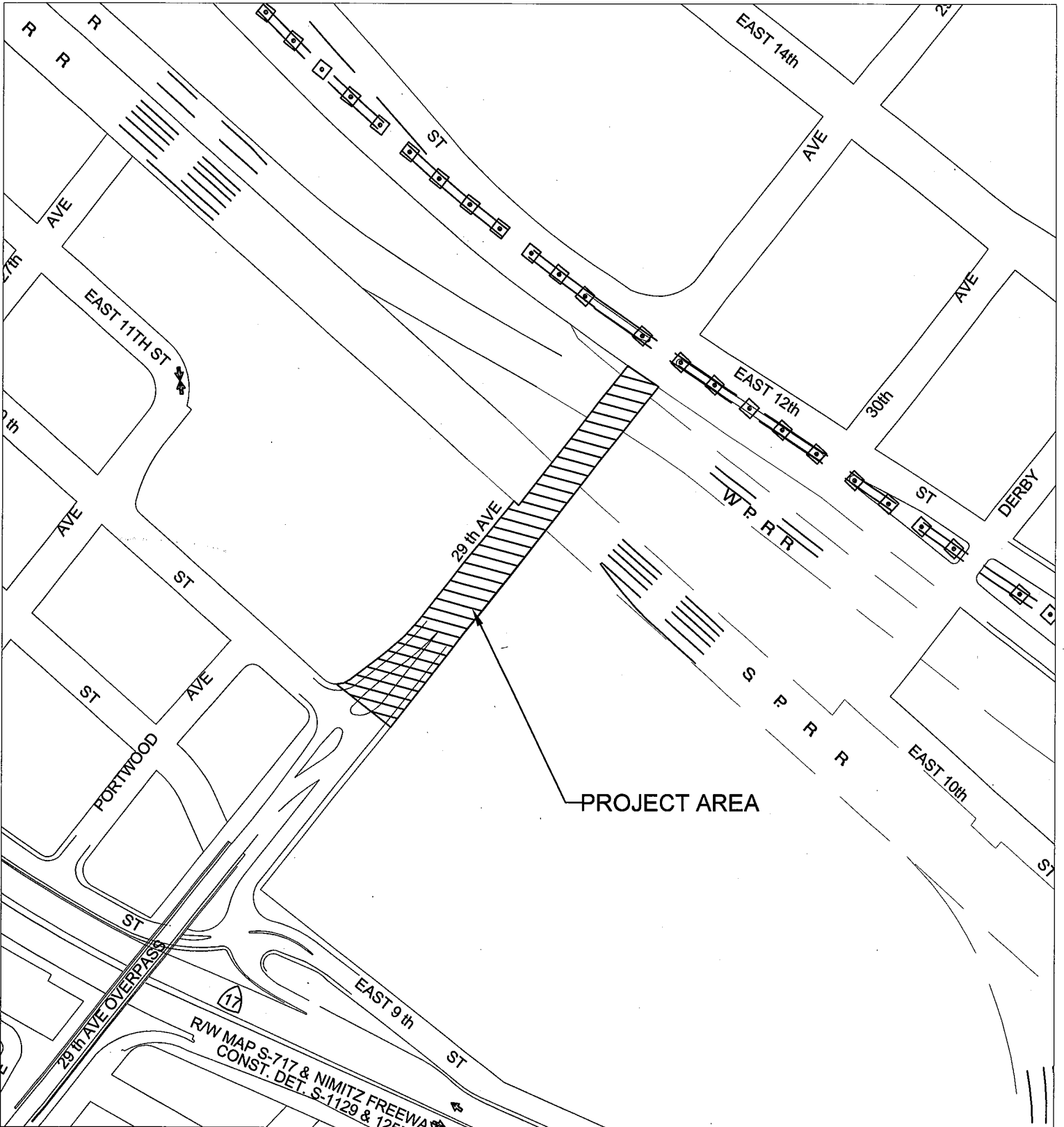
Prepared by:
Wladimir Wlassowsky, P.E., Manager
Transportation Services Division

Attachments (3):

- A: Location Map – 29th Avenue Railroad Crossing*
- B: Location Map – 85th Avenue Railroad Crossing*
- C: Location Map – 105th Avenue Railroad Crossing*

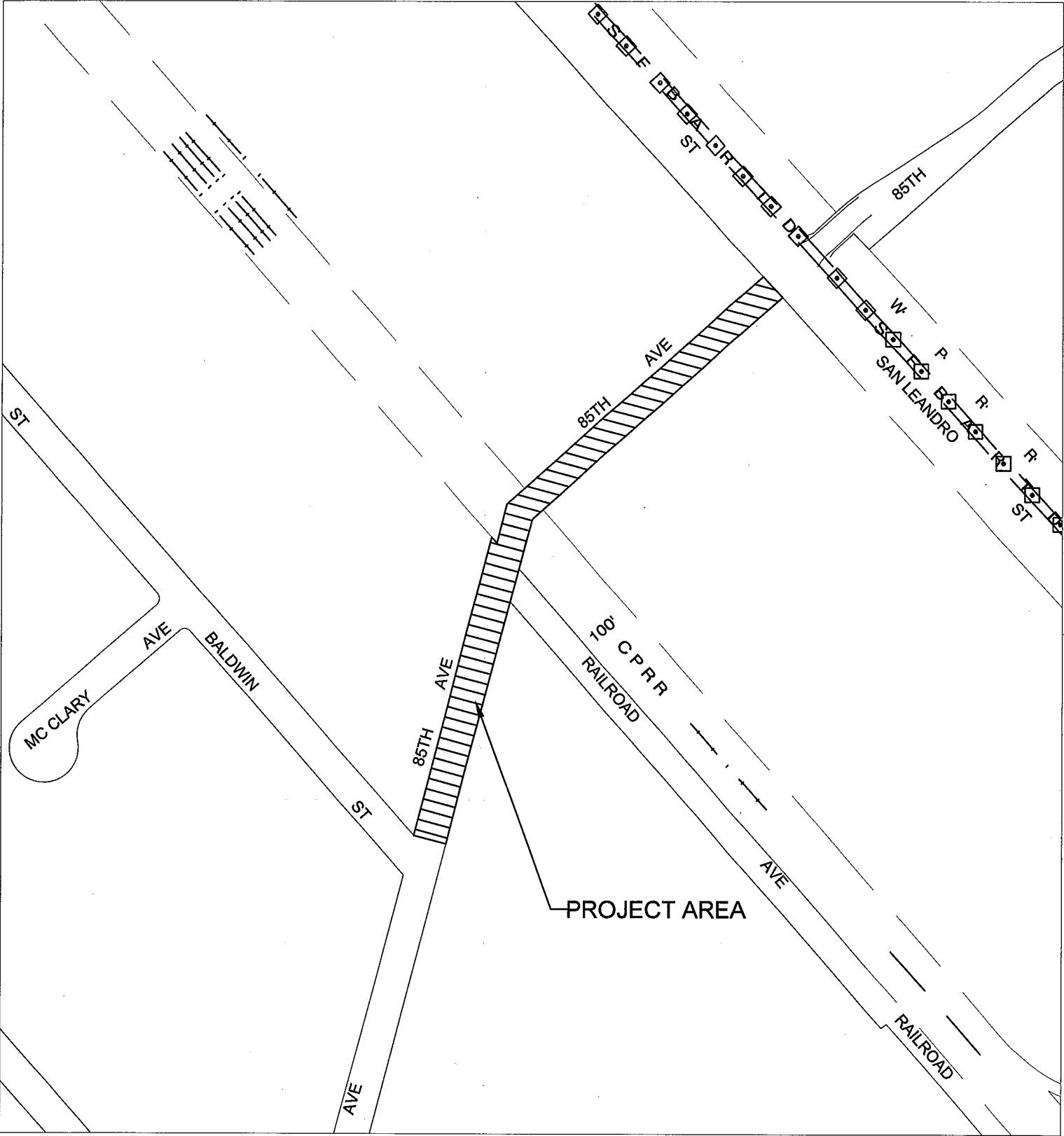
Attachment A - Location Map

29th Avenue Railroad Crossing



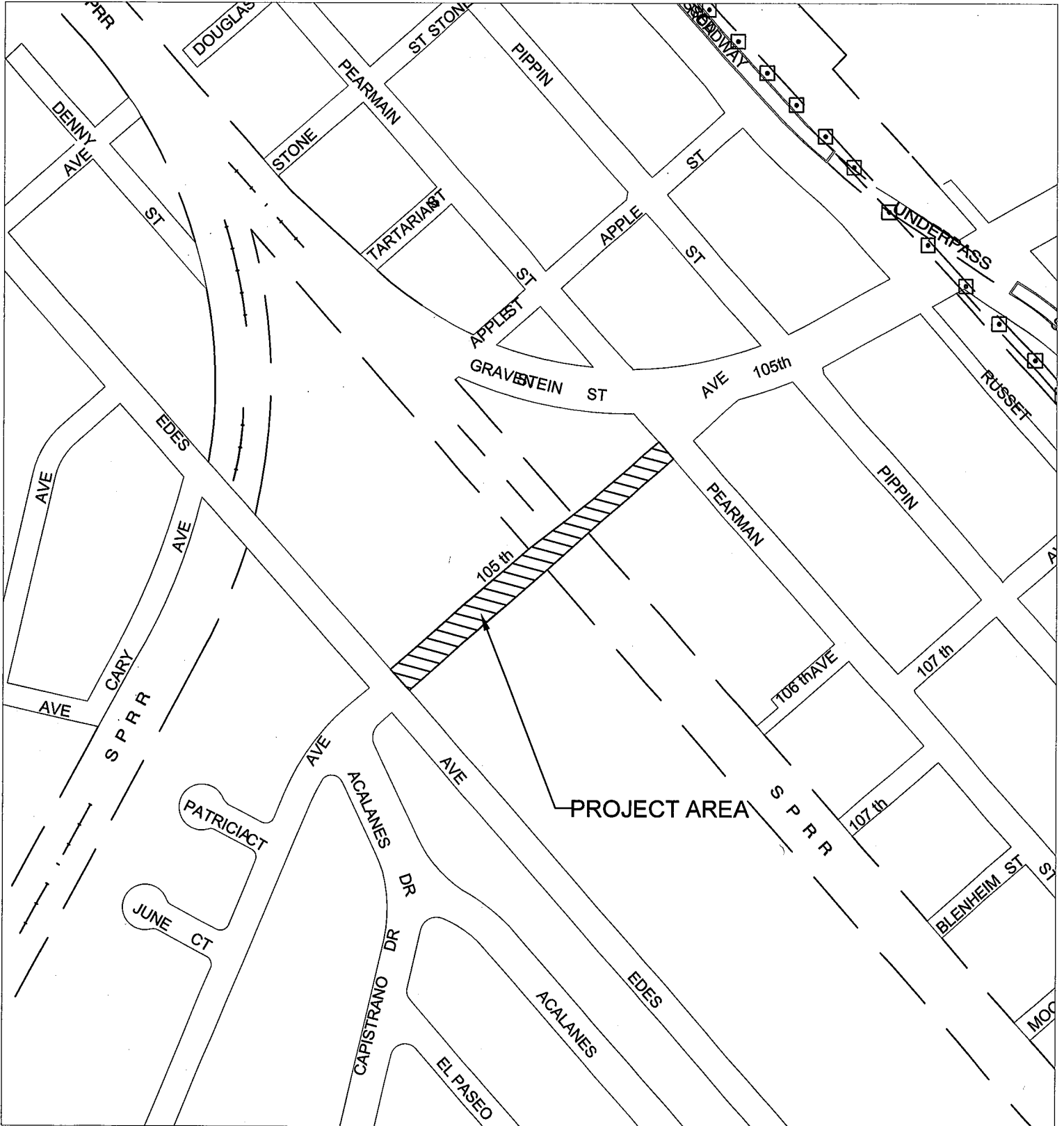
Attachment B - Location Map

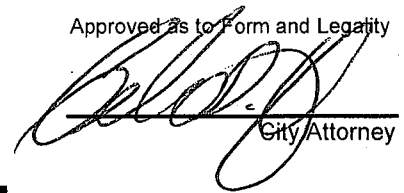
85th Avenue Railroad Crossing



Attachment C - Location Map

105th Avenue Railroad Crossing




City Attorney

FILED
OFFICE OF THE CITY CLERK
OAKLAND

OAKLAND CITY COUNCIL

RESOLUTION NO. _____ C.M.S.

Introduced by Councilmember _____

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO ACCEPT AND APPROPRIATE FIVE HUNDRED THIRTY-SIX THOUSAND, SIX-HUNDRED AND TWENTY-FIVE DOLLARS (\$536,625.00) IN TRANSPORTATION FUNDS FROM THE STATE OF CALIFORNIA SECTION 130 GRADE CROSSING IMPROVEMENT PROGRAM FOR THE RAILROAD CROSSING AT 29TH AVENUE

WHEREAS, Title 23, Section 130 of the United States Code (USC) provides state and local agencies for the funding of projects that eliminate hazards at railway-highway crossing; and

WHEREAS, the State of California Department of Transportation (Department) administers and appropriates the Section 130 projects and funds at the State level through the Department Section 130 Program; and

WHEREAS, the City with the California Public Utilities Commission (CPUC) and Union Pacific Railroad (UPRR) met and determined an eligible project for Section 130 funding at 29th Avenue rail road crossing; and

WHEREAS, the City with CPUC and UPRR jointly applied for Department Section 130 funding and were granted the City portion in the amount of \$536,625.00 for the project at Fruitvale Avenue crossing; and

WHEREAS, UPRR was also fully granted appropriate funds for the project at 29th Avenue rail; and

WHEREAS, the project will improve pedestrian, bicycle and vehicular safety in and around the UPRR tracks within the vicinity of 29th Avenue rail road crossing; and

WHEREAS, the City now desires to accept and appropriate the \$536,625.00 in Section 130 funds to the Fund (2140), Transportation Capital Projects Organization (30264), and to establish a new project number; and

WHEREAS, the Public Works Agency has requested a waiver of the 1.5% public art fee for this project because Section 130 Program guidelines prohibit the use of grant funds for public art; now, therefore, be it

RESOLVED: That the City Council hereby authorizes acceptance and appropriation of the Section 130 funds in the amount of \$536,625.00 for the aforementioned improvements; and be it

FURTHER RESOLVED: That the grant funds be deposited and appropriated to the California Department of Transportation Fund 2140, Traffic Capital Projects Organization (30264), and a new project number will be established; and be it

FURTHER RESOLVED: That for this project the 1.5% public art fee is waived because the State Section 130 grant guidelines prohibit the use of grant funds for public art; and be it

FURTHER RESOLVED: That the City Administrator, or designee, is authorized, on behalf of the City of Oakland, to execute and submit all documents, payment requests, and related actions, as well as to appropriate any additional grant funds received for the completion of this project, within the grant term.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20_____

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, CAMPBELL WASHINGTON, GALLO, GUILLEN, KALB, KAPLAN, REID and PRESIDENT GIBSON MCELHANEY

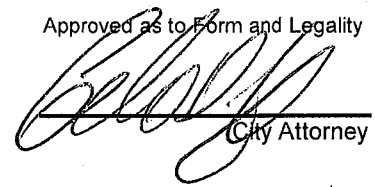
NOES -

ABSENT -

ABSTENTION -

ATTEST: _____
LaTonda Simmons
City Clerk and Clerk of the Council
of the City of Oakland, California

FILED
OFFICE OF THE CITY CLERK
OAKLAND


City Attorney

OAKLAND CITY COUNCIL

RESOLUTION NO. _____ C.M.S.

Introduced by Councilmember _____

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO ACCEPT AND APPROPRIATE TWO HUNDRED SIXTY-FOUR THOUSAND, NINE-HUNDRED AND THIRTY-EIGHT DOLLARS (\$264,938.00) IN TRANSPORTATION FUNDS FROM THE STATE OF CALIFORNIA SECTION 130 GRADE CROSSING IMPROVEMENT PROGRAM FOR THE RAILROAD CROSSING AT 85TH AVENUE

WHEREAS, Title 23, Section 130 of the United States Code (USC) provides state and local agencies for the funding of projects that eliminate hazards at railway-highway crossing; and

WHEREAS, the State of California Department of Transportation (Department) administers and appropriates the Section 130 projects and funds at the State level through the Department Section 130 Program; and

WHEREAS, the City with the California Public Utilities Commission (CPUC) and Union Pacific Railroad (UPRR) met and determined an eligible project for Section 130 funding at 85th Avenue rail road crossing; and

WHEREAS, the City with CPUC and UPRR jointly applied for Department Section 130 funding and were granted the City portion in the amount of \$264,938.00 for the project at 85th Avenue crossing; and

WHEREAS, UPRR was also fully granted appropriate funds for the project at 85th Avenue rail; and

WHEREAS, the project will improve pedestrian, bicycle and vehicular safety in and around the UPRR tracks within the vicinity of 85th Avenue rail road crossing; and

WHEREAS, the City now desires to accept and appropriate the \$264,938.00 in Section 130 funds to the Fund (2140), Transportation Capital Projects Organization (30264), and to establish a new project number; and

WHEREAS, the Public Works Agency has requested a waiver of the 1.5% public art fee for this project because Section 130 Program guidelines prohibit the use of grant funds for public art; now, therefore, be it

RESOLVED: That the City Council hereby authorizes acceptance and appropriation of the Section 130 funds in the amount of \$264,938.00 for the aforementioned improvements; and be it

FURTHER RESOLVED: That the grant funds be deposited and appropriated to the California Department of Transportation Fund 2140, Traffic Capital Projects Organization (30264), and a new project number will be established; and be it

FURTHER RESOLVED: That for this project the 1.5% public art fee is waived because the State Section 130 grant guidelines prohibit the use of grant funds for public art; and be it

FURTHER RESOLVED: That the City Administrator, or designee, is authorized, on behalf of the City of Oakland, to execute and submit all documents, payment requests, and related actions, as well as to appropriate any additional grant funds received for the completion of this project, within the grant term.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20____

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, CAMPBELL WASHINGTON, GALLO, GUILLEN, KALB, KAPLAN, REID and PRESIDENT GIBSON MCELHANEY

NOES -

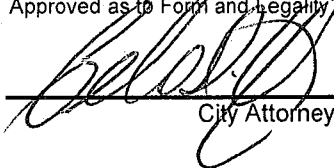
ABSENT -

ABSTENTION -

ATTEST: _____

LaTonda Simmons
City Clerk and Clerk of the Council
of the City of Oakland, California

FILED
OFFICE OF THE CITY CLERK
OAKLAND


City Attorney

2015 OAKLAND CITY COUNCIL

RESOLUTION No. _____ C.M.S.

Introduced by Councilmember _____

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO ACCEPT AND APPROPRIATE THREE HUNDRED EIGHTY-THREE THOUSAND, NINE-HUNDRED AND SIX DOLLARS (\$383,906.00) IN TRANSPORTATION FUNDS FROM THE STATE OF CALIFORNIA SECTION 130 GRADE CROSSING IMPROVEMENT PROGRAM FOR THE RAILROAD CROSSING AT 105TH AVENUE

WHEREAS, Title 23, Section 130 of the United States Code (USC) provides state and local agencies for the funding of projects that eliminate hazards at railway-highway crossing; and

WHEREAS, the State of California Department of Transportation (Department) administers and appropriates the Section 130 projects and funds at the State level through the Department Section 130 Program; and

WHEREAS, the City with the California Public Utilities Commission (CPUC) and Union Pacific Railroad (UPRR) met and determined an eligible project for Section 130 funding at 105th Avenue rail road crossing; and

WHEREAS, the City with CPUC and UPRR jointly applied for Department Section 130 funding and were granted the City portion in the amount of \$383,906.00 for the project at 105th Avenue crossing; and

WHEREAS, UPRR was also fully granted appropriate funds for the project at 105th Avenue rail; and

WHEREAS, the project will improve pedestrian, bicycle and vehicular safety in and around the UPRR tracks within the vicinity of 105th Avenue rail road crossing; and

WHEREAS, the City now desires to accept and appropriate the \$383,906.00 in Section 130 funds to the California Department of Transportation Fund (2140), Transportation Capital Projects Organization (30264), and to establish a new project number; and

WHEREAS, the Public Works Agency has requested a waiver of the 1.5% public art fee for this project because Section 130 Program guidelines prohibit the use of grant funds for public art; now, therefore, be it

RESOLVED: That the City Council hereby authorizes acceptance and appropriation of the Section 130 funds in the amount of \$383,906.00 for the aforementioned improvements; and be it

FURTHER RESOLVED: That the grant funds be deposited and appropriated to the Grants Fund 2140, Traffic Capital Projects Organization (30264), and a new project number will be established; and be it

FURTHER RESOLVED: That for this project the 1.5% public art fee is waived because the State Section 130 grant guidelines prohibit the use of grant funds for public art; and be it

FURTHER RESOLVED: That the City Administrator, or designee, is authorized, on behalf of the City of Oakland, to execute and submit all documents, payment requests, and related actions, as well as to appropriate any additional grant funds received for the completion of this project, within the grant term.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20_____

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, CAMPBELL WASHINGTON, GALLO, GUILLEN, KALB, KAPLAN, REID and PRESIDENT GIBSON MCELHANEY

NOES -

ABSENT -

ABSTENTION -

ATTEST: _____

LaTonda Simmons
City Clerk and Clerk of the Council
of the City of Oakland, California