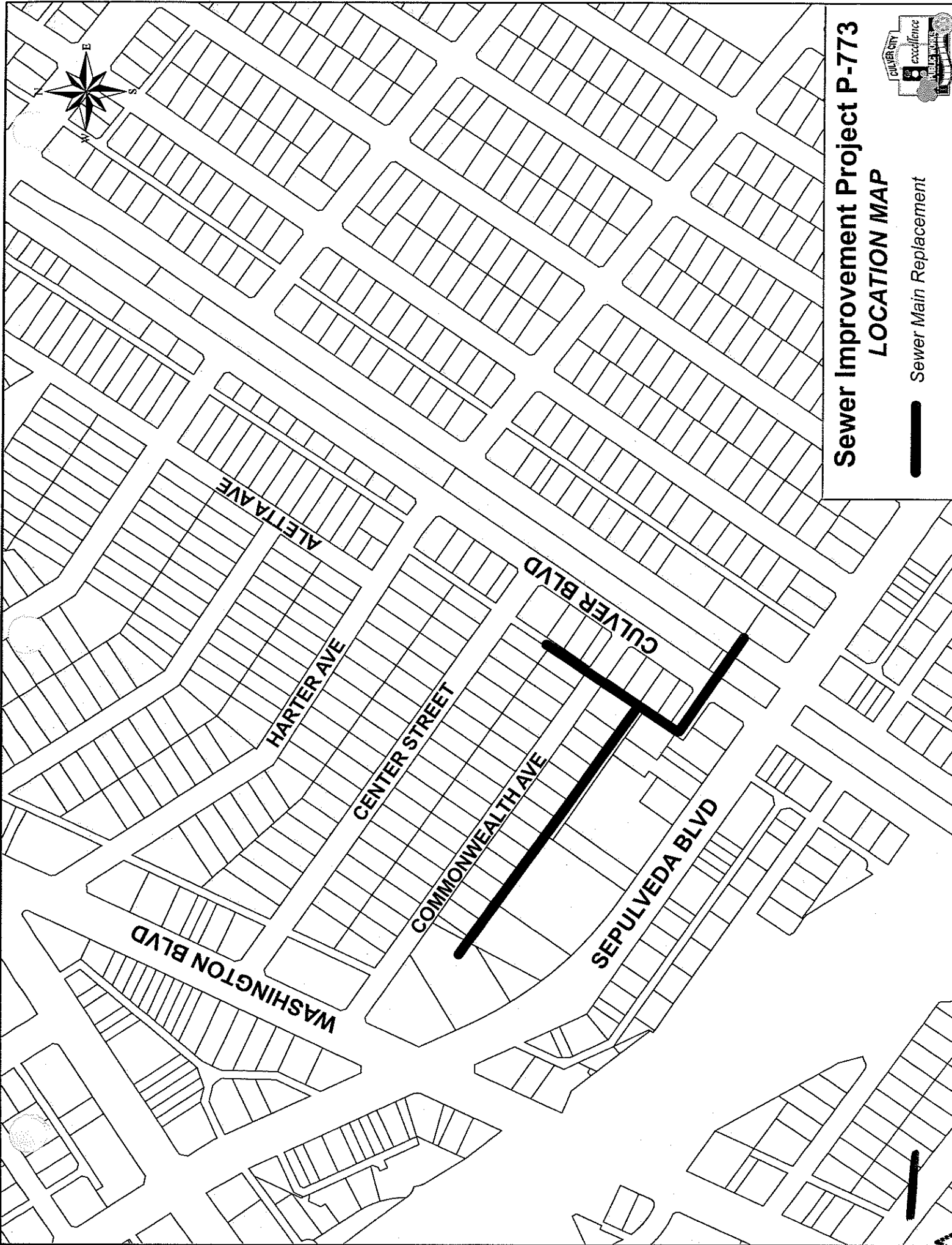


MEETING DATE: 4/21/08

AGENDA ITEM: Consideration to Accept the Work Performed by DLSB, Inc., for the Eveward Road, Drakewood Avenue, Whitburn Avenue, Flaxton Street, Blackwelder Street, Smiley Drive, Northgate Street, Cranks Road, Commonwealth Alley, and Carson Street Sewer Improvement Projects

ATTACHMENTS

		Page
1	Location Map	1-5
2	Copy of Approved Change Orders for Combine Sewer Projects and Alley Drain Project	6-10
3	Memorandum for Additional Contingency Funds to City Council Dated December 5, 2007	11-13

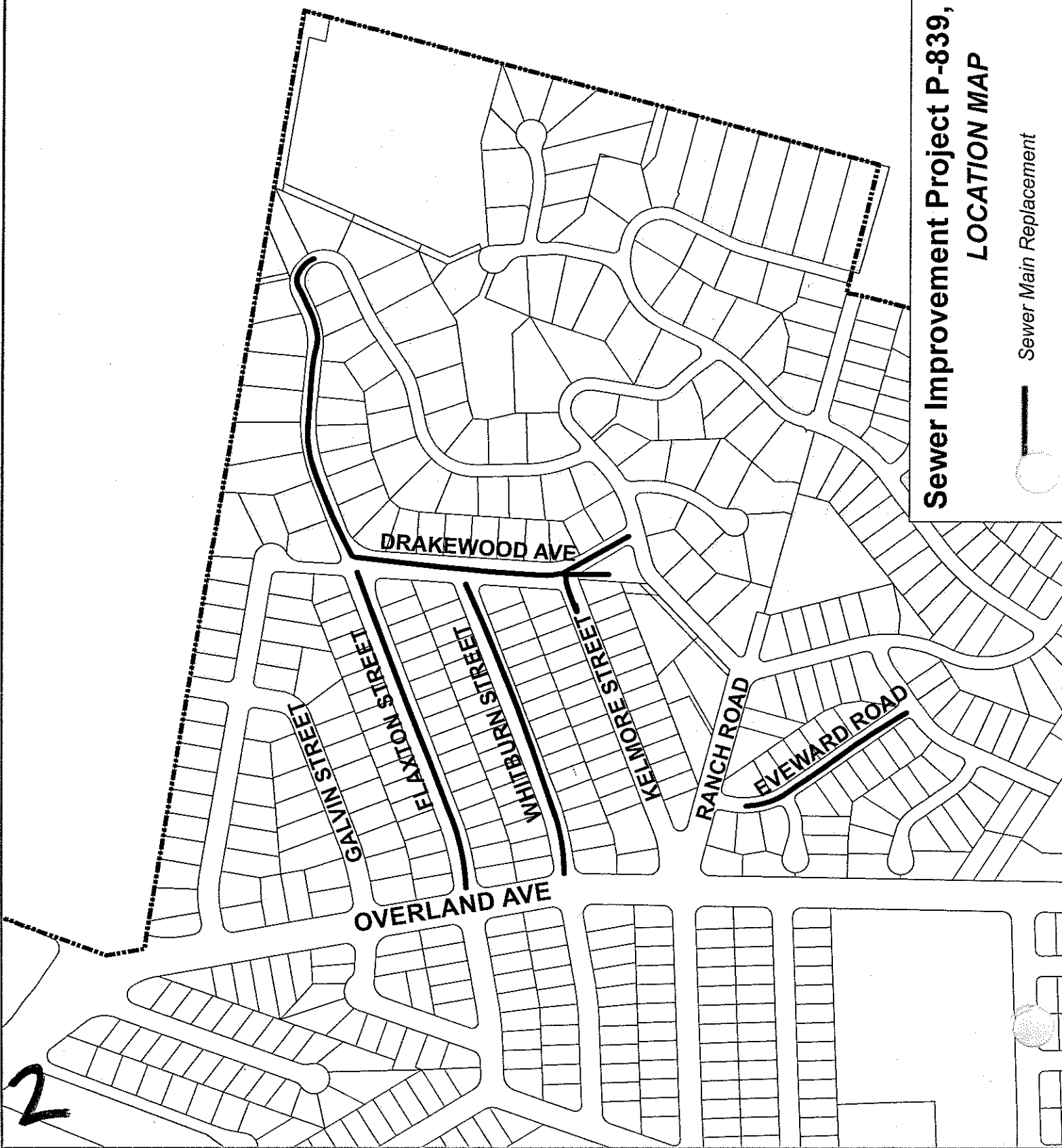
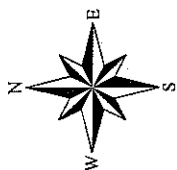


Sewer Improvement Project P-773

LOCATION MAP

— Sewer Main Replacement





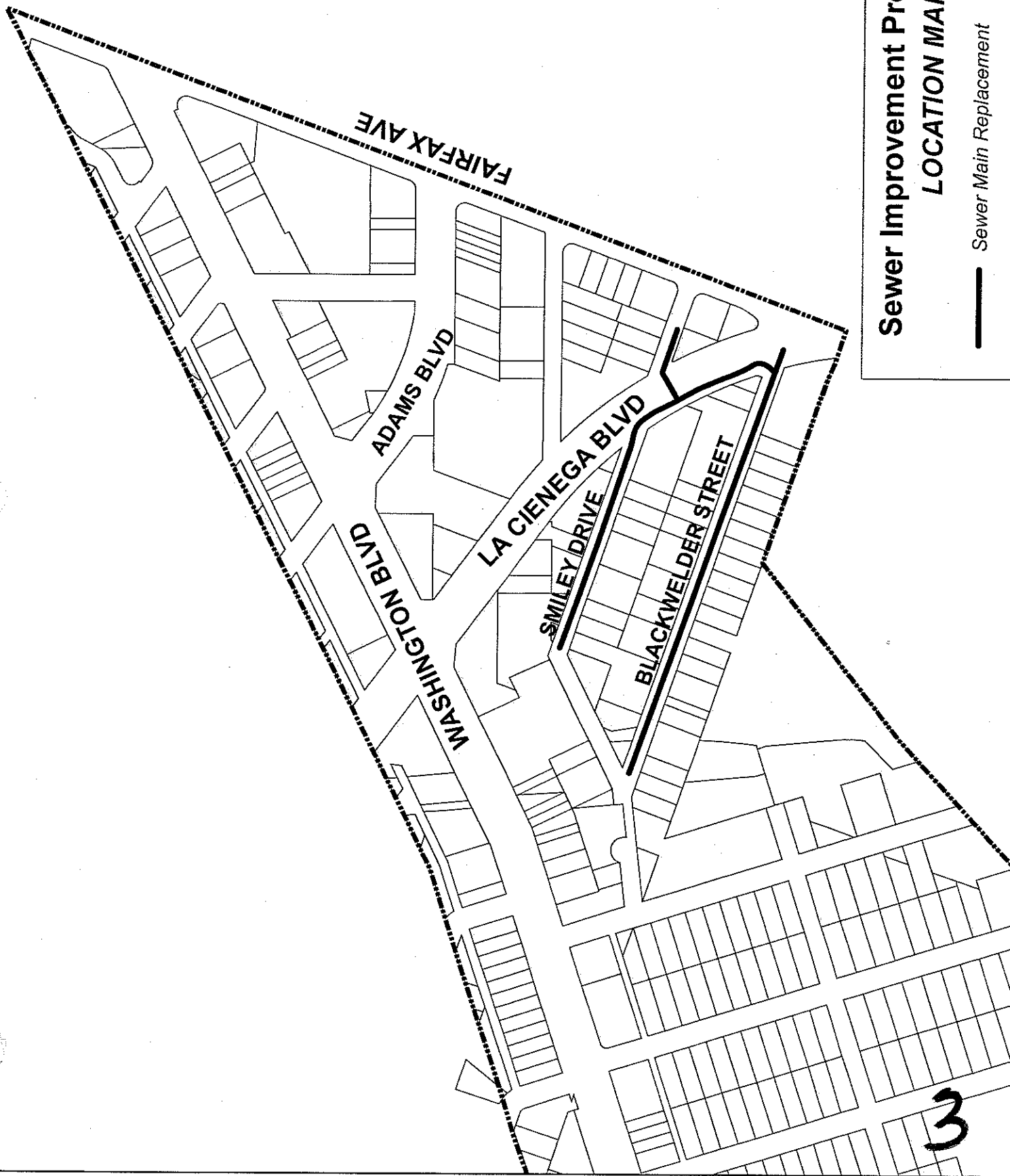
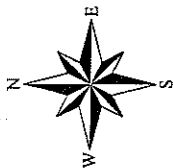
2

Sewer Improvement Project P-839, 840, 841, & 842

LOCATION MAP

— Sewer Main Replacement

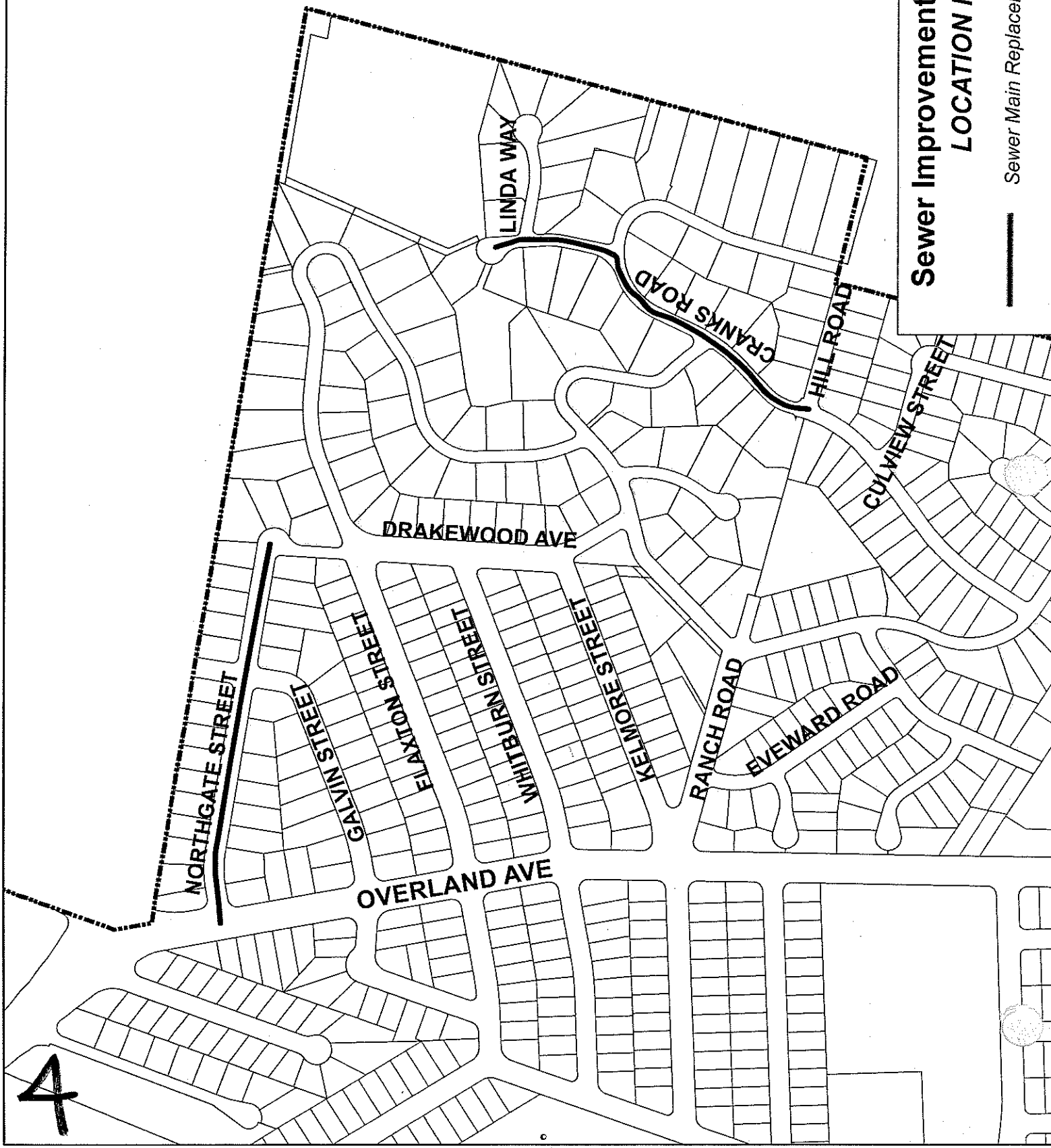
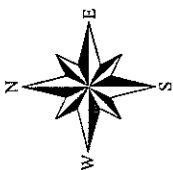




Sewer Improvement Project P-854 LOCATION MAP

— Sewer Main Replacement





4

Sewer Improvement Project P-855

LOCATION MAP



Sewer Main Replacement





Sewer Improvement Project P-860

LOCATION MAP

— Sewer Main Replacement





CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
CHANGE ORDER

SHEET 1 1 SHEETS

CONTRACT CHANGE ORDER NO: 1

PURCHASE ORDER NO: _____

PROJECT: Blackwelder/Smiley Sewer Improvement Project

PROJECT NO: P-854

TO: DLSB Contractor

REQUESTED BY: Lee Torres

Upon the approval of the City Engineer and acceptance by the Contractor, the Contractor is hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract.

DESCRIPTION

EXTRA WORK

Description	Est. Qty	Unit	Unit Price	Ext Price
Construct New Storm Drain and Catch Basin	1	LS	\$ 6,600.00	\$ 6,600.00
Unclassified Removals - Buried Concrete	773	CY	\$ 8.00	\$ 6,184.00

TIME & MATERIAL

Delays due buried concrete debris	1	LS	\$ 6,535.00	\$ 6,535.00
Delays due existing abandoned oil pipeline in trench	1	LS	\$ 5,564.00	\$ 5,564.00
Delays due to unmarked water service	1	LS	\$ 16,366.00	\$ 16,366.00

QUANTITY ADJUSTMENT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Adj. Amt.
6 Remove and Construct 8" Sewer Main	1010	1030	LF	\$ 102.00	\$ 2,040.00
7 Remove and Construct 6" Sewer Lateral	460	680	LF	\$ 105.00	\$ 23,100.00
10 Crushed Miscellaneous Base	540	1480	TON	\$ 18.00	\$ 16,920.00
11 AC Pavement	150	213	TON	\$ 205.00	\$ 12,915.00
12 Replacement Longitudinal Gutter	1940	3630	SF	\$ 10.00	\$ 16,900.00

CREDIT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Credit Amt.
8 Pre-Cast Sewer Manhole	13	11	EA	\$ 3,200.00	\$ (6,400.00)

Contract Amount (Base bid)	\$ 405,460.00
Amount of This Change Order	\$ 106,724.00
Total Change Orders	\$ 106,724.00
% Change Orders	% 26.3
Modified Contract Amount	\$512,184.00

Approved _____
Public Works Director and City Engineer

Date 2/06/2008

I, the undersigned Contractor, or the authorized agent of the Contractor, have given careful consideration to the change(s) proposed and hereby agree to all of the above terms with no further negotiations.

Accepted, Date 12/31/07 Contractor DLSB
By [Signature] Title Sec/Treas
Copies: Contractor, City Treasurer, Project File, Project Manager, Public Works Inspector, Engineering Services Manager
☒ ☐ ☒ ☒ ☒ ☒

6



CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
CHANGE ORDER

SHEET 1 1 SHEETS

CONTRACT CHANGE ORDER NO: 1

PURCHASE ORDER NO: _____

PROJECT: Cranks/Northgate Sewer Improvement Project

PROJECT NO: P-855

TO: DLSB Contractor

REQUESTED BY: Lee Torres

Upon the approval of the City Engineer and acceptance by the Contractor, the Contractor is hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract.

DESCRIPTION

TIME & MATERIAL

Description	Est. Qty	Unit	Unit Price	Ext Price
Delays due to unmarked utilities	1	LS	\$ 3,105.00	\$ 3,105.00

QUANTITY ADJUSTMENT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Adj. Amt.
6 Remove and Construct 6" Sewer Lateral	620	825	LF	\$ 113.00	\$ 23,165.00
10 AC Pavement	220	455	TON	\$ 203.00	\$ 47,705.00

CREDIT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Credit Amt.
5 Remove and Construct 8" Sewer Main	2065	2056	LF	\$ 112.00	\$ (1,008.00)
7 Pre-cast Sewer Manhole	11	10	EA	\$ 3,200.00	\$ (3,200.00)
9 Crushed Miscellaneous Base	650	0	TON	\$ 18.00	\$ (11,700.00)

Contract Amount (Base bid) \$ 456,950.00

Amount of This Change Order \$ 58,067.00

Total Change Orders \$ 58,067.00

% Change Orders % 12.7

Modified Contract Amount \$515,017.00

Approved _____
Public Works Director and City Engineer

Date 2/06/2008

I, the undersigned Contractor, or the authorized agent of the Contractor, have given careful consideration to the change(s) proposed and hereby agree to all of the above terms with no further negotiations.

Accepted, Date 12/31/07

Contractor DLSB, INC

By B. Korn

Title SEC/TUES

Copies: Contractor, City Treasurer, Project File, Project Manager, Public Works Inspector, Engineering Services Manager

☒

☐

☒

☒

☒

☒



CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
CHANGE ORDER

SHEET 1 OF 1 SHEETS

CONTRACT CHANGE ORDER NO: 1

PURCHASE ORDER NO.: _____

PROJECT: Carson Street Sewer Improvement Project

PROJECT NO: P-860

TO: DLSB Contractor

REQUESTED BY: Lee Torres

Upon the approval of the City Engineer and acceptance by the Contractor, the Contractor is hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract.

DESCRIPTION

EXTRA WORK

Description	Est. Qty	Unit	Unit Price	Ext Price
Removal of encased concrete sewer at Carson St and Ince Blvd	1	LS	\$ 3,532.00	\$ 3,532.00
Sidewalk, curb, gutter, driveway approach, and root removals due to house lateral extension to property line	1	LS	\$ 10,340.00	\$ 10,340.00

QUANTITY ADJUSTMENT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Adj. Amt.
5 Remove and Construct 6" Sewer Lateral	390	762	LF	\$ 131.00	\$ 48,732.00

CREDIT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Credit Amt.
4 Remove & Construct 8" Sewer Main	660	610	LF	\$ 128.00	\$ (6,400.00)
8 Crushed Miscellaneous Base	1300	430	TON	\$ 18.00	(\$15,660.00)
10 AC Pavement	130	120	TON	\$ 205.00	\$ (2,050.00)

Contract Amount (Base bid) \$ 244,420.00
Amount of This Change Order \$ 38,494.00
Total Change Orders \$ 38,494.00
% Change Orders % 15.7
Modified Contract Amount \$282,914.00

Approved [Signature]
Public Works Director and City Engineer

Date 2/06/2008

I, the undersigned Contractor, or the authorized agent of the Contractor, have given careful consideration to the change(s) proposed and hereby agree to all of the above terms with no further negotiations.

Accepted, Date 12/31/07

Contractor DLSB

By [Signature]

Title SEC/TRES

Copies: Contractor, City Treasurer, Project File, Project Manager, Public Works Inspector, Engineering Services Manager

☒

☐

☒

☒

☒

☒

8



CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
CHANGE ORDER

SHEET 1 1 SHEETS

CONTRACT CHANGE ORDER NO: 1

PURCHASE ORDER NO: _____

PROJECT: Elenda-Midway Alley Storm Drain Improvement

PROJECT NO: P-295

TO: DLSB Contractor

REQUESTED BY: Lee Torres

Upon the approval of the City Engineer and acceptance by the Contractor, the Contractor is hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract.

DESCRIPTION

Description	Est. Qty	Unit	Unit Price	Ext Price
Poured In-Place Catch Basin w/ Grate (required to avoid underground utility)	1	EA	\$ 3,600.00	\$ 3,600.00
Construct Storm Drain Lateral	1	LS	\$ 2,500.00	\$ 2,500.00

Contract Amount (Base bid)..... \$ 69,500.00
Amount of This Change Order..... \$ 6,100.00
Total Change Orders..... \$ 6,100.00
% Change Orders..... % 8.8
Modified Contract Amount..... \$75,600.00

Approved _____
Public Works Director and City Engineer

Date 3/26/2008

I, the undersigned Contractor, or the authorized agent of the Contractor, have given careful consideration to the change(s) proposed and hereby agree to all of the above terms with no further negotiations.

Accepted, Date 03/26/08 Contractor _____

By BRAUNER KOWAL Title S. TORRES

Copies: Contractor, City Treasurer, Project File, Project Manager, Public Works Inspector, Engineering Services Manager

☒

☐

☒

☒

☒

☒



CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
CHANGE ORDER

SHEET 1 1 SHEETS

CONTRACT CHANGE ORDER NO: 1
Eveard, Drakewood, Whitburn and Flaxton
PROJECT: Sewer Improvement Project

PURCHASE ORDER NO.:
PROJECT NO: P-839, 840, 841, & 842

TO: DLSB Contractor

REQUESTED BY: Lee Torres

Upon the approval of the City Engineer and acceptance by the Contractor, the Contractor is hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract.

DESCRIPTION

EXTRA WORK

Description	Est. Qty	Unit	Unit Price	Ext Price
Extend 6" PVC Sewer Lateral Replacement at various locations along Northgate, Flaxton, and Whitburn Streets	37	EA	\$ 2,800.00	\$103,600.00
Remove conc. encasement on ex. 8" VCP @ Whitburn St.	1	LS	\$ 15,065.00	\$ 15,065.00
Unmarked Gas Service Lateral	1	LS	\$ 1,340.00	\$ 1,340.00
Multiple Wye Repair on adjacent sewer main on Eveard Rd. and Bernardo Rd.	1	LS	\$ 12,812.00	\$ 12,812.00
Grind and Overlay roadway along Eveard Rd. and upper Flaxton St.	1	LS	\$ 52,817.00	\$ 52,817.00

QUANTITY ADJUSTMENT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Adj. Amt.
4 Construct 8" PVC Sewer Main	3620	3927	LF	\$ 98.00	\$ 30,086.00
5 Construct 6" PVC Sewer Lateral	1620	1990	LF	\$ 105.00	\$ 38,850.00
6 Construct AC Pavement	38750	39359	SF	\$ 5.00	\$ 3,045.00

CREDIT

Description	Est. Qty	Actual Qty	Unit	Unit Price	Credit Amt.
6 Construct Pre-cast Sewer Manhole	18	16	EA	\$ 3,200.00	\$ (6,400.00)
8 Furnish and Install 8" Clean-Out	1	0	EA	\$ 1,300.00	\$ (1,300.00)
9 Remove & Replace 6" Conc. Curb	125	0	LF	\$ 30.00	\$ (3,750.00)
10 Install 19.5" Root Barrier	125	0	LF	\$ 20.00	\$ (2,500.00)
11 CMB	1120	0	TON	\$ 18.00	\$ (20,160.00)
13 Construct Concrete Pavement	25	17.6	CY	\$ 500.00	\$ (3,700.00)
14 Install Rubberized Slurry Seal & Crack Seal	113470	0	SF	\$ 0.36	\$ (40,849.20)
17 Traffic Pavement Markings	1	0	LS	\$ 5,000.00	\$ (5,000.00)

Contract Amount (Base bid) \$ 941,069.20
Amount of This Change Order \$ 173,955.80
Total Change Orders \$ 173,955.80
% Change Orders % 18.5
Modified Contract Amount \$ 1,115,025.00

Approved _____
Public Works Director and City Engineer

Date 04/16/2008

I, the undersigned Contractor, or the authorized agent of the Contractor, have given careful consideration to the change(s) proposed and hereby agree to all of the above terms with no further negotiations.

Accepted, Date 04/14/08 Contractor DLSB WC
By _____ Title SEC/TORRES
Copies: Contractor, City Treasurer, Project File, Project Manager, Public Works Inspector, Engineering Services Manager
☒ ☐ ☒ ☒ ☒ ☒

10

Culver CITY

MEMORANDUM

DATE: DECEMBER 5, 2007
TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL
FROM: CHARLES D. HERBERTSON, PUBLIC WORKS DIRECTOR AND
CITY ENGINEER
THROUGH: JERRY FULWOOD, CITY MANAGER
SUBJECT: COMBINED SEWER IMPROVEMENT PROJECT, P-839, 840, 841,
842, 773, 860, 854, & 855.
CC: MATE GASPAR, ENGINEERING SERVICES MANAGER
HONG WANG, SENIOR CIVIL ENGINEER
LEE TORRES, ASSOCIATE ENGINEER

The purpose of this memorandum is to inform the City Council that additional funds will be required in the amount of \$ 250,000 due to extra work required, and will be requested during the acceptance of work upon completion of the project.

On April 9, 2007, City Council awarded a construction contract to DLSB, Inc., for the Combined Sewer Project consisting of the following streets, in the amount of \$2,501,084.20.

1. Eveward Road, P-839;
2. Drakewood Avenue, P-840;
3. Whitburn Avenue, P-841;
4. Flaxton Avenue, P-842;
5. Commonwealth Alley, P-773;
6. Carson Street, P-860;
7. Blackwelder Street and Smiley Drive, P-854; and
8. Northgate Street and Cranks Road, P-855.

The scope of work consisted of removing of the existing 6", 8", 10", and 12" vitrified clay pipe (VCP) and constructing new 8", 10", and 12" Polyvinyl Chloride (PVC) sewer mains located at the above mentioned streets. As part of the improvements, all sewer laterals will be replaced with 6" PVC to the street curb and minor pavement repairs will also be included.

CURRENT PROJECT BUDGET STATUS	
Combined Sewer Improvement Project	\$2,501,084.20
Construction Management/ Inspection (7%)	\$185,670.00
Geotechnical Services (3%)	\$85,860.00
Total Estimated Project Cost	\$2,772,614.20
Contingency (6% of construction cost)	\$150,000.00
Total Estimated Project Cost (w/ Contingency)	\$2,922,614.20

During the replacement of the sewer main and laterals along Carson Street, Flaxton Avenue, Whitburn Avenue, and Northgate Street it was observed from the sewer videos taken on each sewer lateral that the root intrusion and damaged caused by the street trees were more very extensive than anticipated. Staff directed the contractor to extend the limits of the sewer lateral replacement and continue the replacement to the property line. Also, there were unforeseen conditions, such as concrete encased sewer mains that required removal, buried concrete along the sewer alignments, unmarked and abandoned utilities and oil pipelines, and quantity adjustments that added to the current construction cost and schedule.

The total cost of the extra work mentioned exceeds the contingency initially approved by City Council on April 9th, in the amount of \$150,000 (5% of the project cost). An additional \$250,000 is requested to adequately fund the additional work. The total contingency will be in the amount of \$400,000 (14% of project cost)

Staff will request a budget amendment in the amount of \$250,000 from the Sewer Enterprise Fund during the acceptance of work from City Council upon completion of the project in February 2008.

PROPOSED PROJECT BUDGET	
Combined Sewer Improvement Project	\$2,501,084.20
Construction Management/ Inspection (7%)	\$185,670.00
Geotechnical Services (3%)	\$85,860.00
Total Estimated Project Cost	\$2,772,614.20
Contingency	\$150,000.00
Additional Funds Requested	\$250,000.00
Total Estimated Project Cost (w/ Contingency)	\$3,172,614.20

The project is currently 90% complete with Eeward Road Sewer Project, P-839, and the sewer lateral replacements along Flaxton Avenue, Whitburn Avenue, and Northgate Street still remaining. The entire project is anticipated to be completed by January 21, 2008.

