



Bethany Home-Grand Ave Drainage Improvements

Proposed Improvements





Historic Flooding Photographs

Bethany Home Road / Grand Avenue



Bethany Home Road Looking West

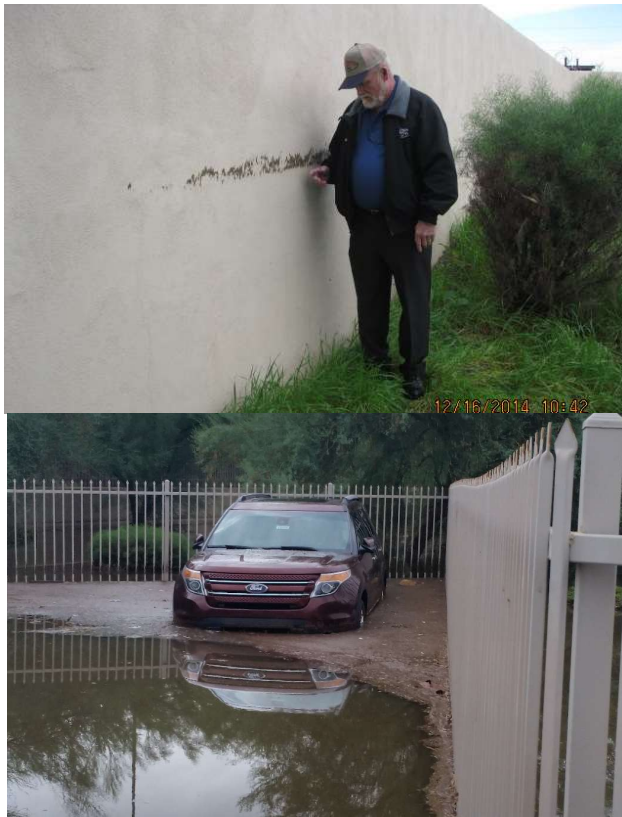


Bethany Home Road Looking East



Historic Flooding Photographs

Sanderson Ford



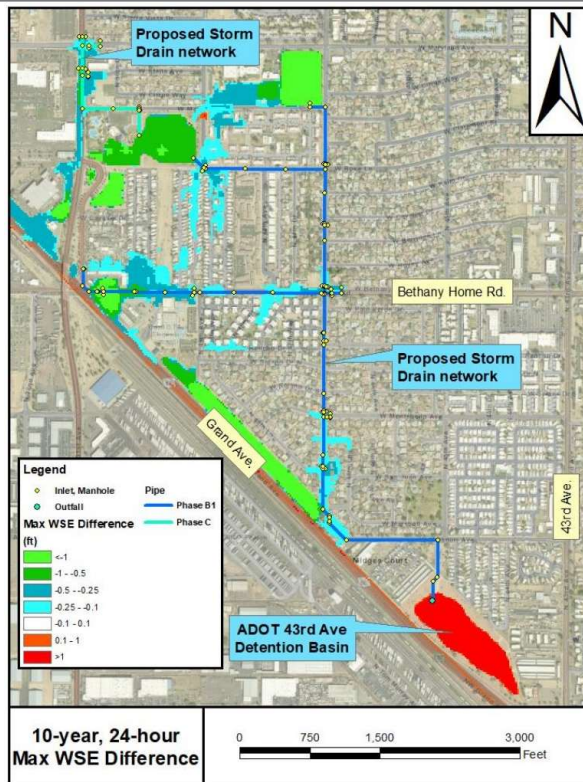


Existing Conditions (Preliminary Study)





Overall Drainage Improvements Project



Future

100% Designed
\$15.2M

60% Designed
\$19M ROM

Private
Drainage
Easement

Final Project Phases



Construction Costs

The project construction funding as it is currently estimated

Phase	Estimated cost 2025 dollars	City Cost	Grants	Outcome
A	\$15.2M	\$5.32M	\$9.88M FCDMC	Resolves ~70% of the historical flooding.
B1 (BHR)	\$8.99M (ROM)	\$0.65M	\$5.84M FCDMC \$2.5M Federal	Mitigates the flooding at the 51/BHR/Grand intersection.
B2 (Rose Lane)	\$10M (ROM)	\$1M	\$6.5M FDMC \$2.5M Federal	Routes stormwater away from the 51/BHR/Grand intersection through the Rose Lane basin to 47 th Avenue.
C	\$7M (ROM)	\$2.45M	\$4.55M FCDMC	Routes stormwater away from the 51/BHR/Grand
				intersection to Rose Lane Park to 47 th Avenue.
Total	\$41.19M ³	\$9.42M	\$26.77M FCMCD \$5M Federal	



Glendale-FCCM IGA

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C25-0071

INTERGOVERNMENTAL AGREEMENT

between

THE CITY OF GLENDALE

and the

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

for the

CONSTRUCTION, CONSTRUCTION MANAGEMENT, OPERATION & MAINTENANCE

of the

Bethany Home Road Storm Drain 43rd to 51st Avenue

IGA FCD 2024A011

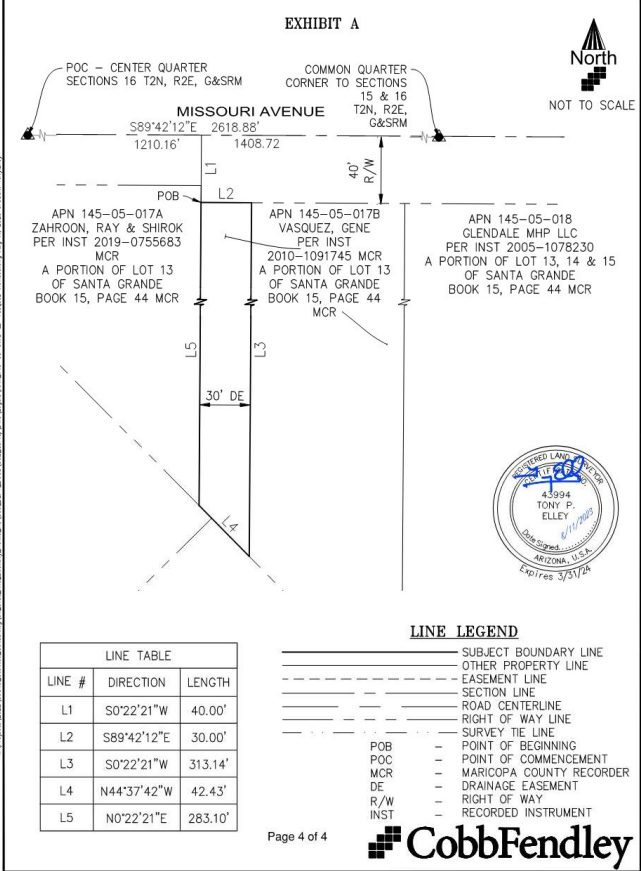
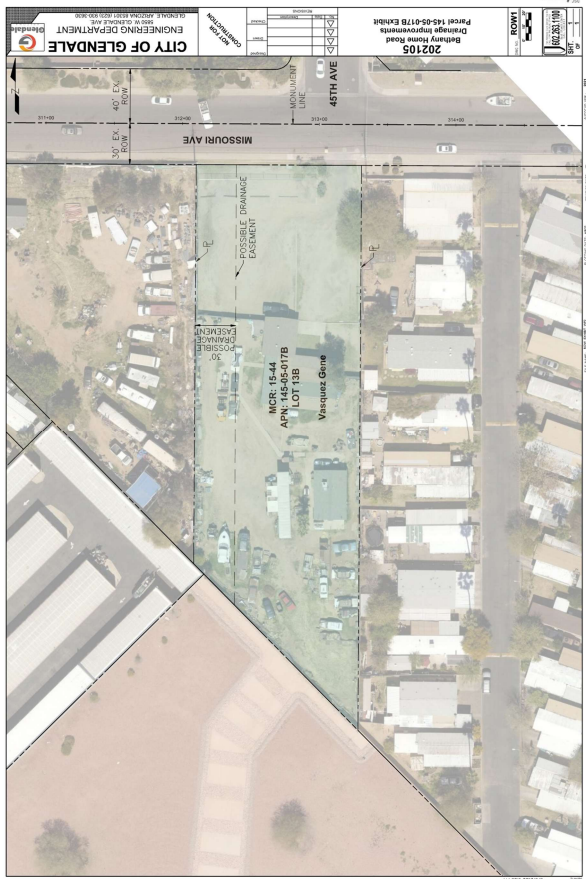
Agenda Item C-169-25.025-K-00

This Intergovernmental Agreement IGA FCD 2024A011 (Agreement) is entered into by and between the City of Glendale, a municipal corporation, acting by and through its City Council and City Manager, hereinafter called the CITY, and the Flood Control District of Maricopa County, a political subdivision of the State of Arizona, acting by and through its Board of Directors, hereinafter called the DISTRICT. The DISTRICT and the CITY may hereinafter individually be called a PROJECT PARTNER, or collectively called the PROJECT PARTNERS.

This Agreement shall become effective as of the date it has been executed by all PROJECT PARTNERS (the EFFECTIVE DATE).

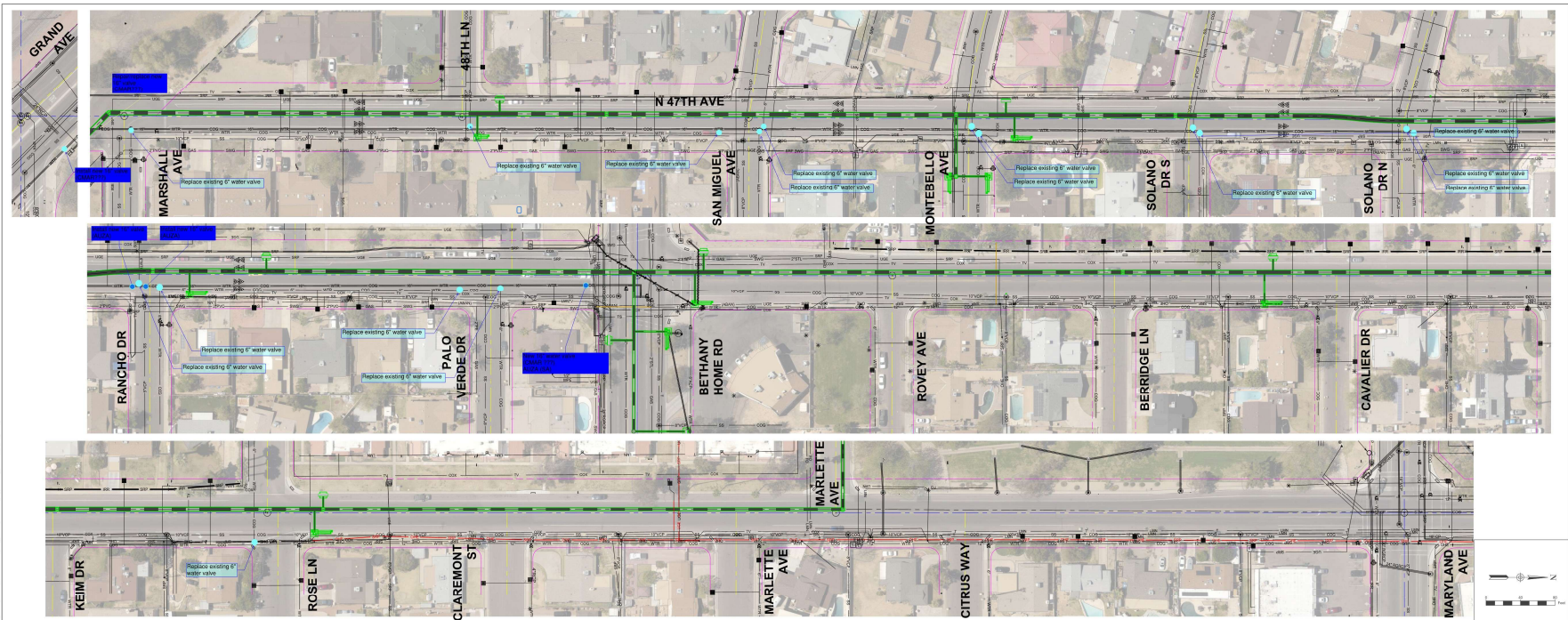


Private Drainage Easement





Water Valves Relocations/Installation



v:\181710745\181710745.dwg
 2/23/25 11:46:46 AM
 Stantec Consulting Services Inc.
 3133 West Five Road Suite 300
 Chandler AZ 85224-5155
 Tel: (480) 487-4100
 www.stantec.com

Notes

KEY	
	SECTION LINE
	1/2 SECTION LINE
	MONUMENT LINE
	RIGHT OF WAY
	EXISTING UTILITIES
	PROPOSED STORM DRAIN
	EXISTING TOPOGRAPHY

Client/Project CITY OF GLENDALE	Title WORK PACKAGE 3 ALIGNMENT
BETHANY HOME RD DRAINAGE IMPROVEMENTS	Revision 0
Project No. 181710745	Date 2/23/25 01:30
	Reference Sheet E-301
	Figure No. 1



Phase A – GMP Negotiations

HAYDON BUILDING CORP
 4640 E. Cotton Gin Loop
 Phoenix, Arizona 85040
 Office: 602-296-1496 / Fax: 602-296-1457

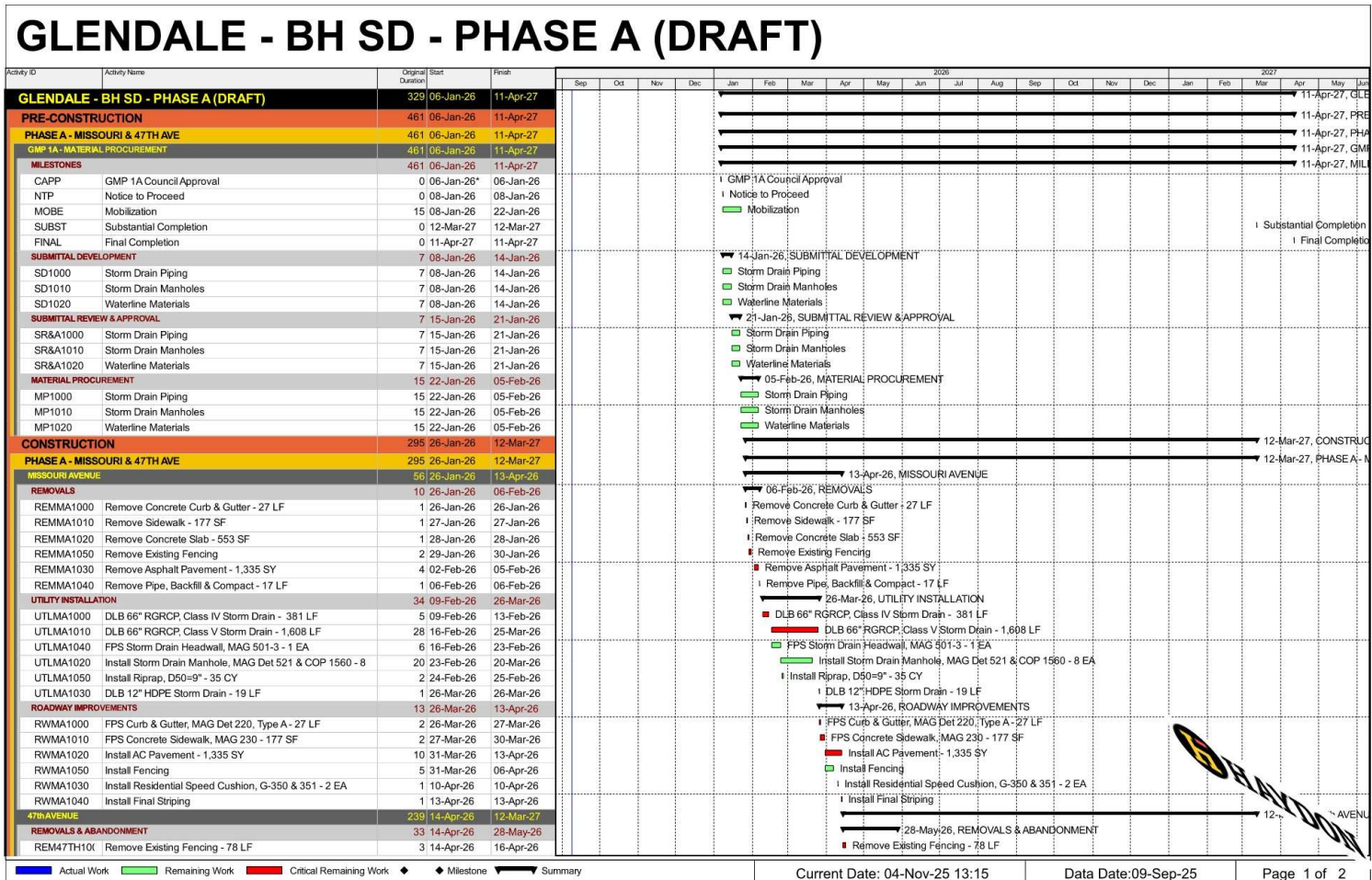


City of Glendale
 Bethany Home Storm Drain - Phase A (Package 3 & 3S) - 47th
 Ave 100% GMP 1B- CONSTRUCTION
 100% GMP

Item No.	Description	UM	Date submitted: 4/5/2025 Estimate #: 22-049-13			Date submitted: 10/10/2025 Estimate #: 22-049-13			Variance		
			Quantity	Unit Price	Total Price	Quantity	Unit Price	Total Price	Qty Variance	Unit Price Variance	Price Variance
UNDERGROUND ITEMS											
530	15 IN RGRCP, CLASS 3	LF	484	\$420.62	\$ 203,580.08	484	\$435.90	\$ 210,973.72		\$15.28	\$ 7,393.64
540	30 IN RGRCP, CLASS 3	LF	248	\$543.99	\$ 134,909.52	248	\$738.07	\$ 183,040.15		\$194.08	\$ 48,130.63
550	36 IN RGRCP, CLASS 3	LF	785	\$445.00	\$ 349,325.00	785	\$454.15	\$ 356,504.44		\$9.15	\$ 7,179.44
560	48 IN RGRCP, CLASS 3	LF	1,376	\$847.10	\$ 1,165,609.60	1,376	\$645.63	\$ 888,382.61		(\$201.47)	\$ (277,226.99)
570	54 IN RGRCP, CLASS 3	LF	2,393	\$927.20	\$ 2,218,789.60	2,393	\$677.77	\$ 1,621,900.19		(\$249.43)	\$ (596,889.41)
SUBTOTAL UNDERGROUND ITEMS					\$ 4,072,213.80			\$ 3,260,801.11			\$ (811,412.69)
CONSTRUCTION TOTAL					\$ 4,072,213.80			\$ 3,260,801.11			\$ (811,412.69)
A. Direct Cost Subtotal:					\$ 4,072,213.80			\$ 3,260,801.11			\$ (811,412.69)
A. Total Direct Cost					\$ 4,072,213.80			\$ 3,260,801.11			\$ (811,412.69)
GENERAL CONDITIONS (Corporate Overhead)			6.29%		\$ 256,142.25	6.29%		\$ 205,104.39	6.29%		\$ (51,037.86)
B. SUBTOTAL 1 (COST OF THE WORK)					\$ 4,328,356.05			\$ 3,465,905.50			\$ (862,450.55)
CONSTRUCTION MANAGEMENT FEE (Profit)			3.71%		\$ 160,582.01	3.71%		\$ 128,585.09	3.71%		\$ (31,996.92)
C. SUBTOTAL 2					\$ 4,488,938.06			\$ 3,594,490.59			\$ (894,447.46)
BONDS			1%		\$ 44,889.38	1%		\$ 35,944.91	1%		\$ (8,944.47)
INSURANCE			0.99%		\$ 44,440.49	0.99%		\$ 35,585.46	0.99%		\$ (8,855.03)
D. SUBTOTAL 3					\$ 4,578,267.92			\$ 3,666,020.96			\$ (912,246.97)
SALES TAX			5.98%		\$ 273,780.42	5.98%		\$ 219,228.05	5.98%		\$ (54,552.37)
E. SUBTOTAL GMP 1					\$ 4,852,048.35			\$ 3,885,249.01			\$ (966,799.34)



Phase A Construction Schedule





Questions or Comments

Questions or Comments?