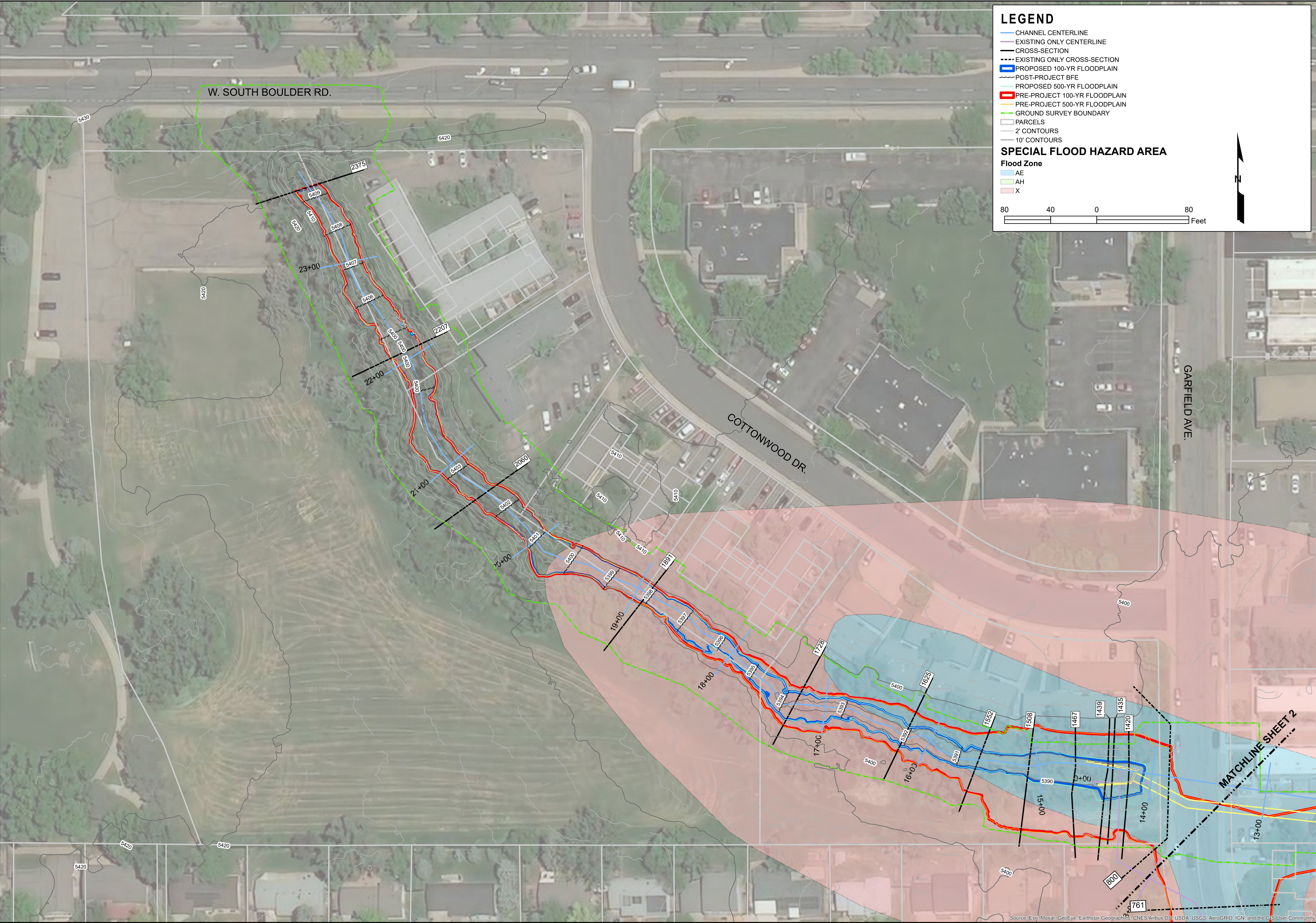




**LEGEND**

- CHANNEL CENTERLINE
- EXISTING ONLY CENTERLINE
- CROSS-SECTION
- EXISTING ONLY CROSS-SECTION
- PROPOSED 100-YR FLOODPLAIN
- POST-PROJECT BFE
- PROPOSED 500-YR FLOODPLAIN
- PRE-PROJECT 100-YR FLOODPLAIN
- PRE-PROJECT 500-YR FLOODPLAIN
- GROUND SURVEY BOUNDARY
- PARCELS
- 2' CONTOURS
- 10' CONTOURS

**SPECIAL FLOOD HAZARD AREA**

Flood Zone

- AE
- AH
- X

8040080

Feet

**PREPARED FOR:**

**MHFD**  
MILE HIGH FLOOD DISTRICT  
MILE HIGH FLOOD DISTRICT  
2480 W. 26TH AVE., STE. 156-B  
DENVER, CO 80211

**CITY OF LOUISVILLE**  
DEPARTMENT OF PUBLIC WORKS  
749 MAIN ST.  
LOUISVILLE, CO 80027

**PREPARED BY:**

**Engenuity**  
ENGINEERING SOLUTIONS

**ENGUINITY ENGINEERING SOLUTIONS**  
10106 W. SAN JUAN WAY, STE. 215  
LITTLETON, CO 80127

**SHEET TITLE:**

COAL CREEK DRAINAGEWAY A-1  
CULVERT REPLACEMENT  
HYDRAULIC WORKMAP

| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| 1   |          |    |      |
|     |          |    |      |
|     |          |    |      |

DESIGNED: CPB

CHECKED: JWS

DRAWN: CPB

DATE: 05-31-22

PROJECT NUMBER: 20-027

DESIGN PACKAGE NUMBER:

ENGINEER CERTIFICATION:

CONTOUR INTERVAL: 2-FOOT

DATE SURVEYED: OCTOBER, 2020

AERIAL IMAGERY: TRUE NORTH SURVEY AND MAPPING, LLC

GROUND CONTROL SURVEY BY: TRUE NORTH SURVEY AND MAPPING, LLC

DATUM: HORIZONTAL - NAD83, COLORADO STATE PLANE COORD. - NORTH, VERTICAL - NAVD88

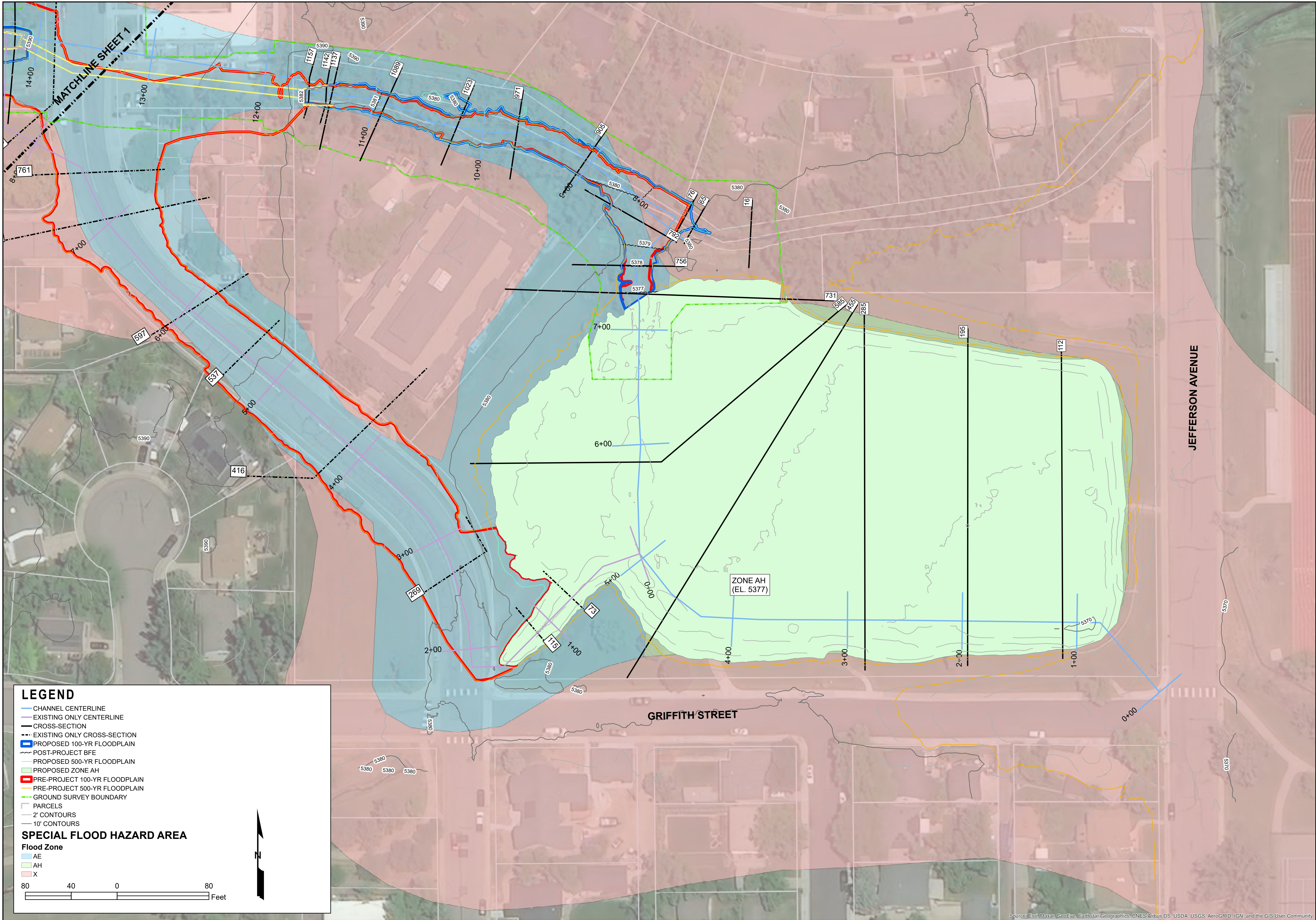
**SHEET NUMBER:**

1 OF 2

ORIGINAL SCALE:

SCALE: 1:4801 INCH = 40 FEET

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



PREPARED FOR:  
**MHFD**  
MILE HIGH FLOOD DISTRICT  
MILE HIGH FLOOD DISTRICT  
2480 W. 26TH AVE., STE. 156-B  
DENVER, CO 80211



CITY OF LOUISVILLE  
DEPARTMENT OF PUBLIC WORKS  
749 MAIN ST.  
LOUISVILLE, CO 80027

PREPARED BY:



ENGUITY ENGINEERING SOLUTIONS  
10106 W. SAN JUAN WAY, STE. 215  
LITTLETON, CO 80127

SHEET TITLE:

# COAL CREEK DRAINAGEWAY A-1 CULVERT REPLACEMENT HYDRAULIC WORKMAP

| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| 1   |          |    |      |
|     |          |    |      |
|     |          |    |      |

|                        |                  |
|------------------------|------------------|
| DESIGNED: CPB          | CHECKED: JWS     |
| DRAWN: CPB             | DATE: 06-02-2022 |
| PROJECT NUMBER: 20-027 |                  |
| DESIGN PACKAGE NUMBER: |                  |



CONTOUR INTERVAL: 2-FOOT  
DATE SURVEYED: OCTOBER, 2020  
AERIAL IMAGERY : JUNE 2021  
GROUND CONTROL SURVEY BY: TRUE NORTH SURVEY AND MAPPING, LLC  
DATUM: HORIZONTAL - NAD83, COLORADO STATE PLANE COORD. - NORTH, VERTICAL - NAVD88

SHEET NUMBER:

**2 OF 2**

ORIGINAL SCALE:

SCALE: 1:480 1 INCH = 40 FEET