

WEBER COUNTY

SKYLINE DRIVE

PURPOSE AND NEED STATEMENT

Application for WACOG Transportation Funds



INTRODUCTION

One of the busiest streets in Weber County and Ogden City is Harrison Blvd particularly near Weber State University. The UDOT annual daily traffic (AADT) counts list the section of Harrison Blvd west of Weber State as carrying 27,085 vehicles per day. The affects of this traffic can be seen in all directions in particular traffic coming from Highway 89 into Ogden City.

There currently exists and alternative route with the exception of two roadway sections, Skyline Drive. The intersection of Highway 89 and Skyline Drive has been designed to include a heavy amount of traffic. The current design of this intersection tells us there have been plans to connect Skyline Drive from Weber State University to Highway 89.

Weber County and Ogden City recognize the opportunity to combine the two missing sections of Skyline Drive. The section in Ogden City is from country Hills Drive to 4600 South. The section in Weber County is from Skyline Road to Megan Circle. Completion of this project will create a much needed alternate route from Highway 89 to Weber State University. There is no efficiency moving forward with one section of roadway without the other.

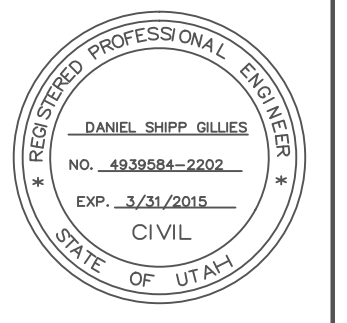
PROJECT DESCRIPTION

The current project consists of the acquisition of properties (CP funds) in Weber County. Construction funds for Weber County include full construction from the end of Skyline Drive, through Combe Road, to Melanie Lane. As stated previously, this project will allow a secondary main route from highway 89 to Weber State University. The second item this project would address is storm water runoff from the existing Skyline Drive. As seen in the photo below, there has been a need over the past few years to address and handle this storm water runoff.



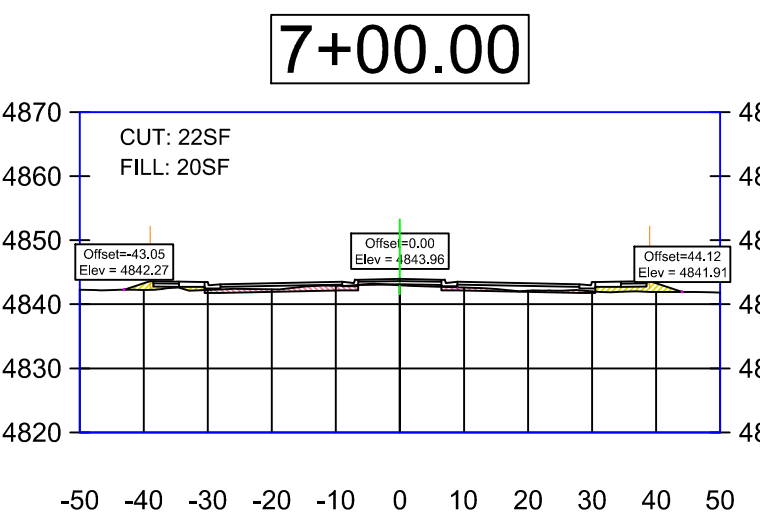
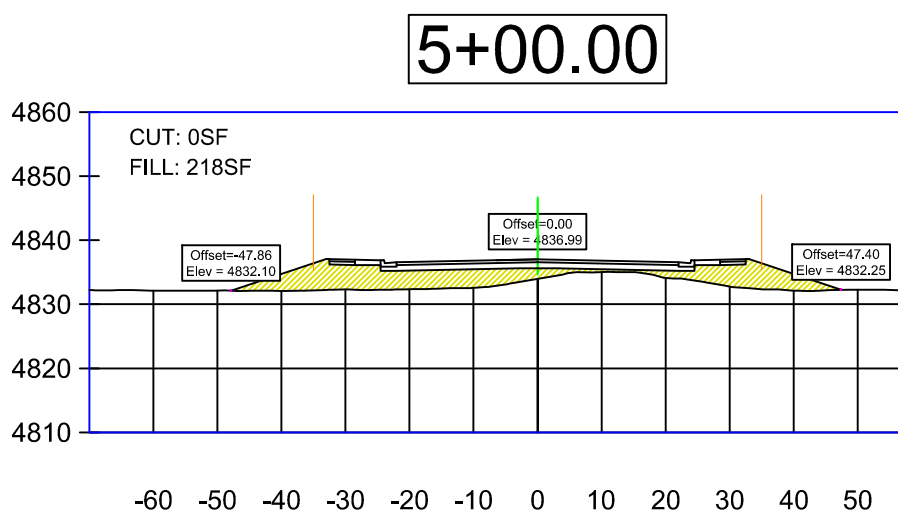
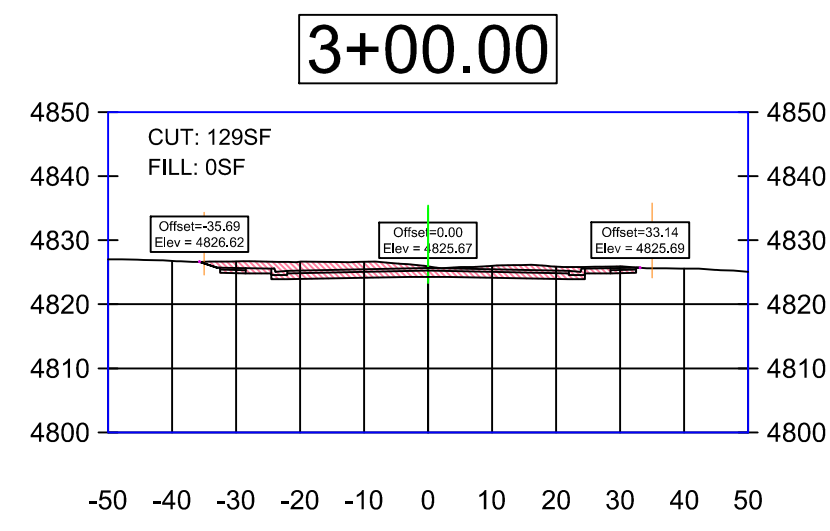
SCALE: 1"=50'

SKYLINE DRIVE
MEGAN CIRCLE/COMBE ROAD/S. SKYLINE DR

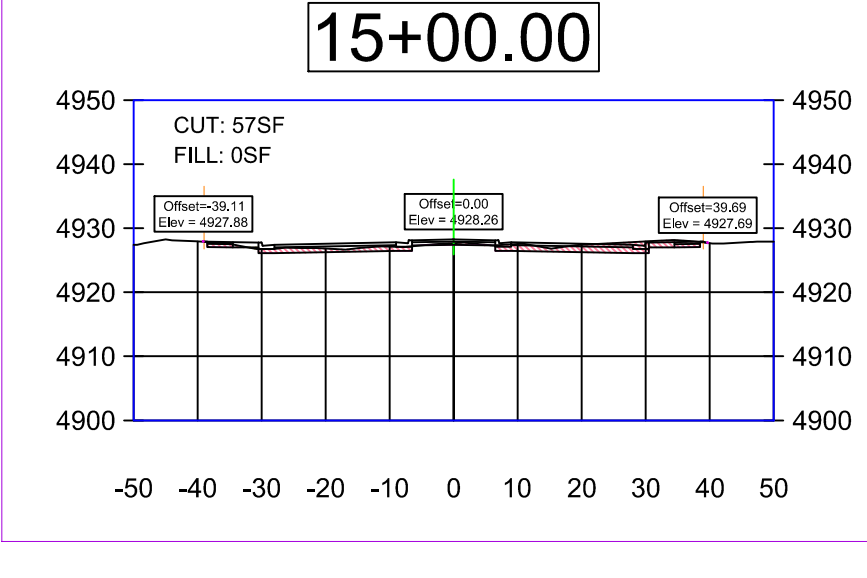
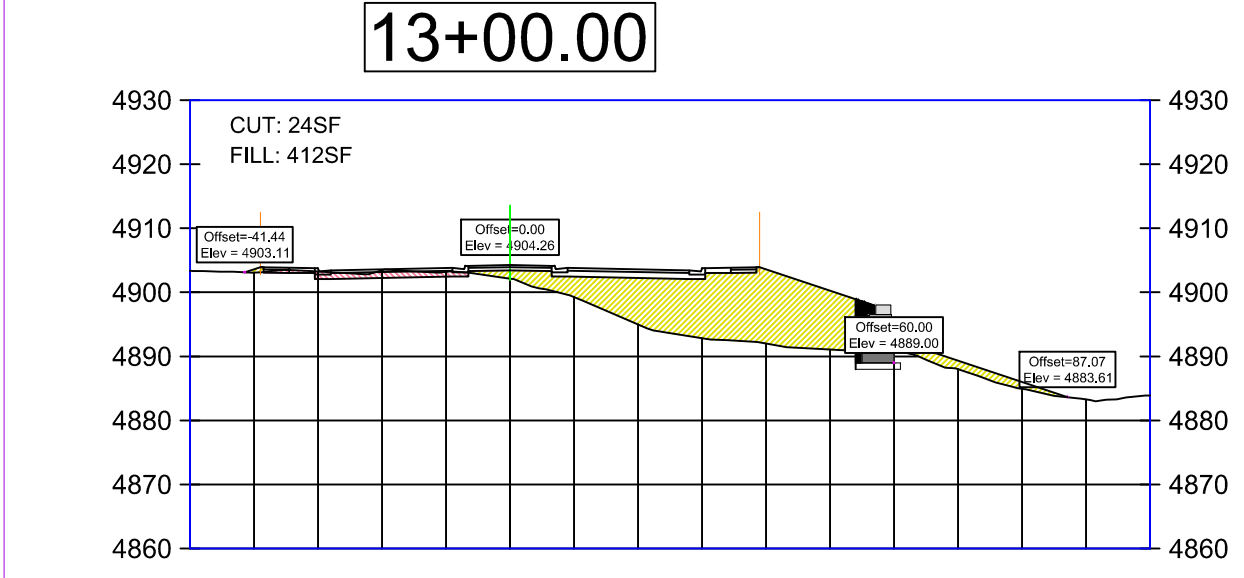
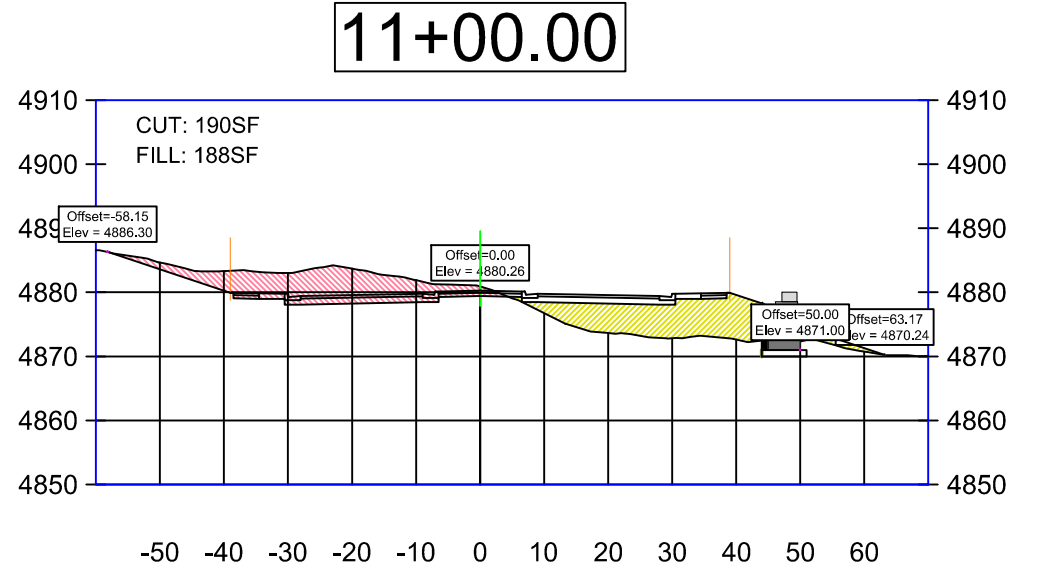
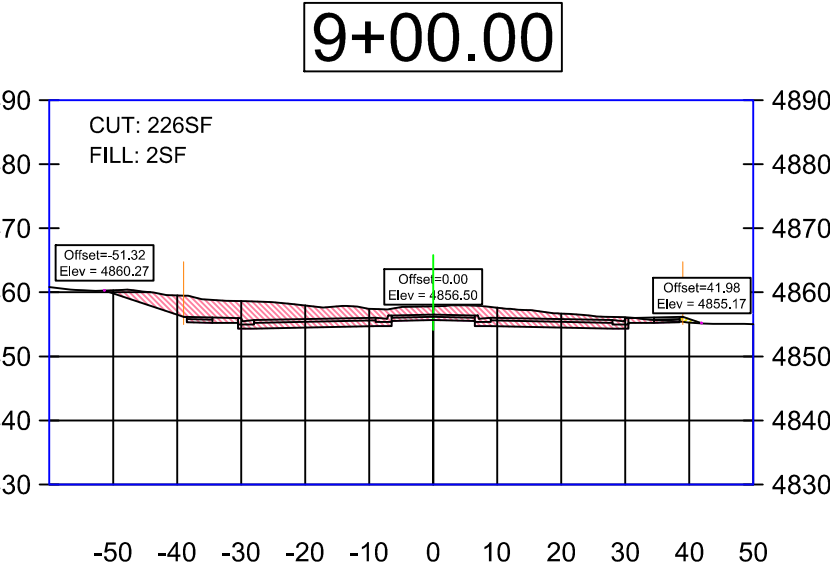


APPROVED BY CITY ENGINEER: _____
DATE: _____

DWG. NAME: _____
DESIGN BY: _____
DATE: _____
DRAWN BY: _____
CHECK'D BY: _____



- RIGHT OF WAY ACQUISITION
- SLOPE EASEMENT
- CONSTRUCTION ACCESS



TIMELINE AND FUNDING

This year, Weber County and Ogden City will apply for WACOG funds for this project. This project is ranked as Weber County and Ogden City's #1 project. Should this project be funded, Weber County will begin the Right Of Way Acquisition process for acquiring the needed properties for construction and begin design in the spring of 2015.

The total project cost is \$4,012,000. Weber County is requesting \$1,056,500 in funding from the Weber County Corridor Preservation fund to acquire the property and any cost to cure items.



**EXAMPLE OF STORM WATER ISSUE TO BE
ADDRESSED BY CONSTRUCTION OF ROADWAY**

| Cost Estimate - Concept Level | | | | Remarks |
|---|-------|---------------------|----------|---------------------------------|
| Is this Facility State-owned or Local-owned | | | Local | Project is a roadway extension. |
| Approximate Route Reference Post (BEGIN) = | 1 | (END) = | 1.313 | |
| Accumulated Mileage (BEGIN) = | 1 | (END) = | 1.313 | |
| Project Length = | 0.313 | miles | 1,650 ft | |
| Current Year = | 2014 | | | |
| Assumed Construction Year = | 2016 | | | |
| Assumed Yearly Inflation (%/yr) = | 6% | 1 yrs for inflation | | |
| Construction Items Contingency (% of Construction) = | 15% | | | |
| Preliminary Engineering (% of Construction + Incentives) = | 8% | | | |
| Construction Engineering (% of Construction + Incentives) = | 10% | | | |
| UDOT Review Costs (% of Construction) = | 0% | | | |
| | | | | |

| Item # | | | | | Cost | Remarks |
|---|--|--|--|------------------------|-------------|---------|
| Construction | | | | | | |
| | | Roadway and Drainage | | | \$1,125,333 | |
| | | Traffic and Safety | | | \$26,300 | |
| | | Structures | | | \$241,525 | |
| | | Environmental Mitigation | | | \$0 | |
| | | ITS | | | \$0 | |
| Subtotal | | | | | \$1,393,158 | |
| Construction Items Contingency (for minor items not listed) (15%) | | | | | \$208,974 | |
| Construction Subtotal | | | | | \$1,602,132 | |
| P.E. Cost (After an approved Environmental Document) | | | | P.E. Subtotal | \$128,000 | 8% |
| C.E. Cost | | | | C.E. Subtotal | \$160,000 | 10% |
| UDOT Review Cost | | | | UDOT Review Subtotal | \$0 | 0% |
| Right of Way | | | | Right of Way Subtotal | \$995,500 | |
| Utilities | | | | Utilities Subtotal | \$195,000 | |
| Incentives | | | | Incentives Subtotal | \$0 | |
| Miscellaneous | | | | Miscellaneous Subtotal | \$0 | |

| Cost Estimate (ePM screen 505) | | 2014 | | 2016 | Remarks |
|---|---|------|-------------|-------------|---------|
| Cost not Eligible for Federal Aid | Concept Report Cost | | \$3,000 | \$3,000 | |
| | Work Prior to an Approved Environmental Document | | \$50,000 | \$53,000 | |
| | Environmental Document | | \$35,000 | \$37,000 | |
| Expenses Eligible for Federal Funding | P.E. Cost <i>(After an approved Environmental Document)</i> | | \$128,000 | \$136,000 | |
| | Right of Way | | \$996,000 | \$1,056,000 | |
| | Utilities | | \$195,000 | \$207,000 | |
| | Construction | | \$1,602,000 | \$1,698,000 | |
| | C.E Cost | | \$160,000 | \$170,000 | |
| | UDOT Review Cost | | \$0 | \$0 | |
| | Incentives | | \$0 | \$0 | |
| | Project Contingency | 20% | \$616,200 | \$653,000 | |
| | Miscellaneous | | \$0 | \$0 | |
| | | | | | Remarks |
| Other Contributing Funding Sources (i.e. Railroad, Developer, etc.) | | | \$0 | \$0 | |
| Explain: | | | | | |
| | | | | | Remarks |

| | | | | |
|------------------------|---------------|-------------|---------------|-------------|
| Estimated Project Cost | 2014 TOTAL | \$3,785,200 | 2016 TOTAL | \$4,012,000 |
|------------------------|---------------|-------------|---------------|-------------|