

Exhibit D

Sterling Hwy: MP 173-179 Pavement Preservation Survey Control Exhibit

- This project will be divided into 2 sections, MP173-174 & MP174-179:

MP173-174 This will be done by DOWL, and consists of a full design and ROW survey for curb-ramp ADA compliance.

MP174-179 Consists of referencing all existing monumentation that may be disturbed during paving activities, along with installing enough project control points to construct the project.

Horizontal and Vertical Control:

Hold the following horizontal and vertical positions for both projects:

HOMAIR from Exhibit A - ROS 2012-5 Homer Recording District "Sterling Hwy Pavement Preservation"

Northing	94550.3619' HOM-1	Lat.	59° 38' 20.36176" N
Easting	117718.6803' HOM-1	Long.	151° 29' 29.49454" W
Elevation	70.49' (NAVD88 Leveled)	Ellip Ht.	101.12'

Point 12 from Exhibit A - ROS 2012-5 Homer Recording District "Sterling Hwy Pavement Preservation"

Northing	95644.2072' HOM-1	Lat.	59° 38' 28.88630" N
Easting	107744.9147' HOM-1	Long.	151° 32' 43.96015" W
Elevation	80.31' (NAVD88 Leveled)	Ellip Ht.	110.74'

Additional Information

Use the following HOM-1 Translation Parameters for the local coordinate system:

Conversion From State Plane, Zone 4, NAD83 US Feet To Local US Feet:

1. Scale State Plane Coordinates Using 0.9999939374
2. Translate Resulting Coordinates Using -1,968,487.1707 N -1,246,708.6707 E

Conversion From Local US Feet To State Plane, Zone 4, NAD83 US Feet:

1. Translate Local Coordinates Using +1,968,487.1707 N +1,246,708.6707 E
2. Scale Resulting Coordinates Using 1.0000060627