

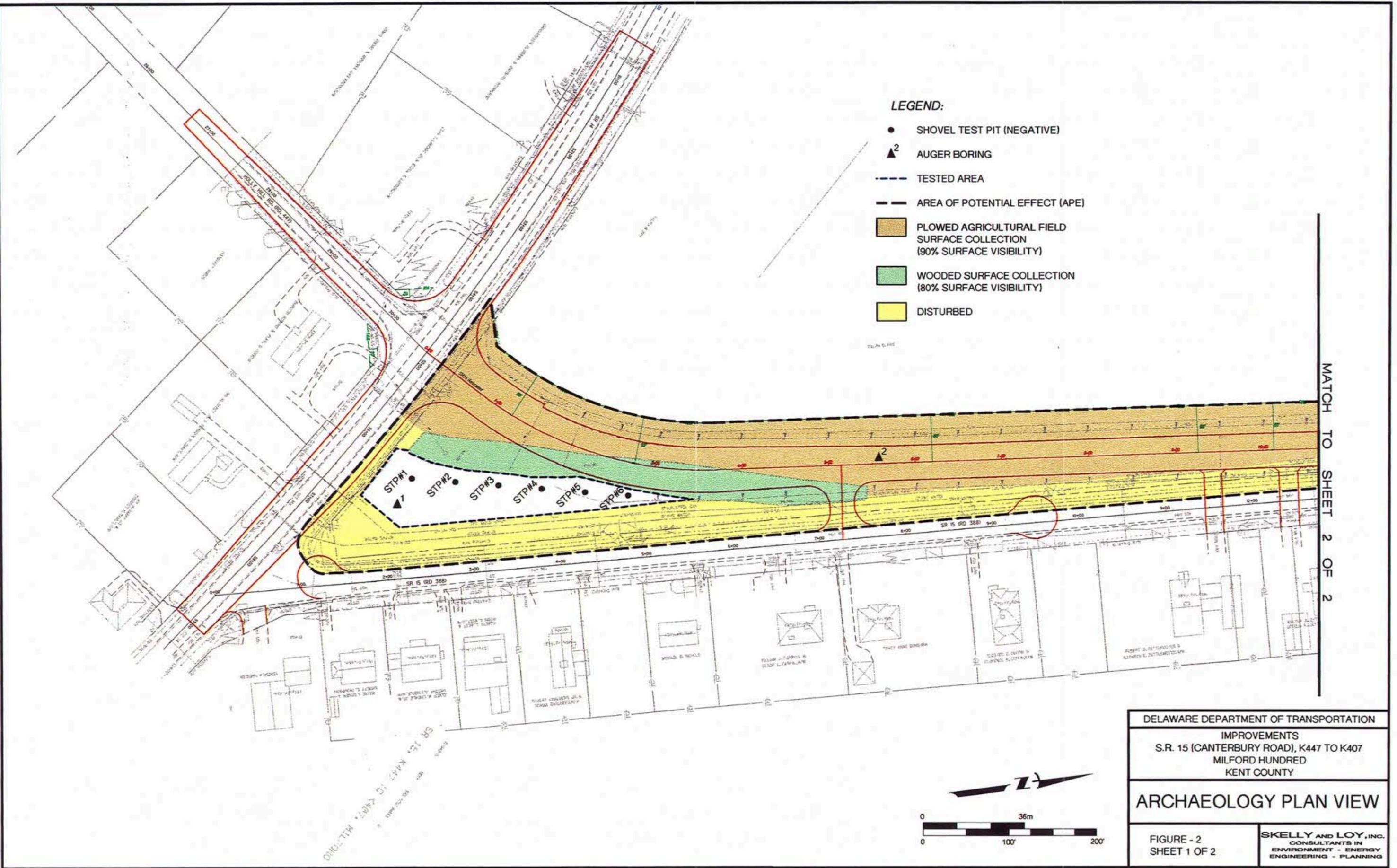
2.0 PROJECT DESCRIPTION

The proposed roadway work includes the minor relocation of a portion of S.R. 15 (Canterbury Road) located between its intersections with Airport Road (K407) and S.R. 14 so that the intersection will align with Holly Hill Road (K447). The realignment will improve the safety of the intersection, by correcting the skewed angle of the existing S.R. 15 (Canterbury Road)/S.R. 14 intersection that currently causes delays in traffic flow and is difficult for large trucks to maneuver.

The project is located on the Milford, Delaware 7.5 minute topographic quadrangle (United States Geological Survey [USGS] 1993) in the in the Upper Peninsula portion of the Eastern Shore Coastal Plain physiographic province (Dent 1995:70). Elevations within the project range from approximately 13.7 to 16.8 m (45.0 to 55.0 ft) above mean sea level (msl). The soil type mapped within the project is the Sassafras series. These soils are deep, well-drained, and located in upland areas (Matthews and Ireland 1971:21).

The archaeological project Area of Potential Effect (APE) consists of an irregularly-shaped portion of land totaling 2.27 ha (5.61ac) located along the west side of existing S.R. 15 (Canterbury Road) where the new roadway alignment construction is proposed (Figure 2). A large portion of the archaeological project APE, approximately 1.19 ha (2.93 ac), had recently been plowed and planted in wheat when the survey took place (Photographs 1, 2, 3, and 4). There was excellent visibility (>90%) of the ground surface in the plowed portions of the archaeological project APE. A small portion of the archaeological project APE was covered in grass and another portion was wooded (Photographs 5 and 6). The grassy area totaled approximately 0.15 ha (0.38 ac), while the woods totaled approximately 0.16 ha (0.39 ac). The ground surface visibility in the wooded area (>80%) was less than in the plowed areas but sufficient for surface survey. Subsurface testing *via* the hand excavation of shovel test pits (STPs) was necessary in the grassy areas. Modern disturbances to the archaeological project APE include underground utilities such as natural gas and water pipelines, and communications cables; agricultural activities including plowing and irrigation; and roadway and above ground utility construction and maintenance. Disturbed portions of the archaeological project APE total 0.77 ha (1.91 ac).

The historic structures project APE was defined in consultation with DeIDOT to include areas of direct construction impacts as well as visual and similar secondary effects to existing structures. The historic structures project APE is an irregular J-shaped polygon including the 12 properties located along the east side of S.R. 15 (Canterbury Road) from its intersection with Airport Road (K407) south to its intersection with S.R. 14, five properties located along the south side of S.R. 14, and two properties located on Holly Hill Road (K447) (Figure 3; Photographs 7 and 8).



- LEGEND:**
- SHOVEL TEST PIT (NEGATIVE)
 - ▲² AUGER BORING
 - - - - TESTED AREA
 - — — — AREA OF POTENTIAL EFFECT (APE)
 - PLOWED AGRICULTURAL FIELD SURFACE COLLECTION (90% SURFACE VISIBILITY)
 - WOODED SURFACE COLLECTION (80% SURFACE VISIBILITY)
 - DISTURBED

MATCH TO SHEET 2 OF 2

DELAWARE DEPARTMENT OF TRANSPORTATION
 IMPROVEMENTS
 S.R. 15 (CANTERBURY ROAD), K447 TO K407
 MILFORD HUNDRED
 KENT COUNTY

ARCHAEOLOGY PLAN VIEW

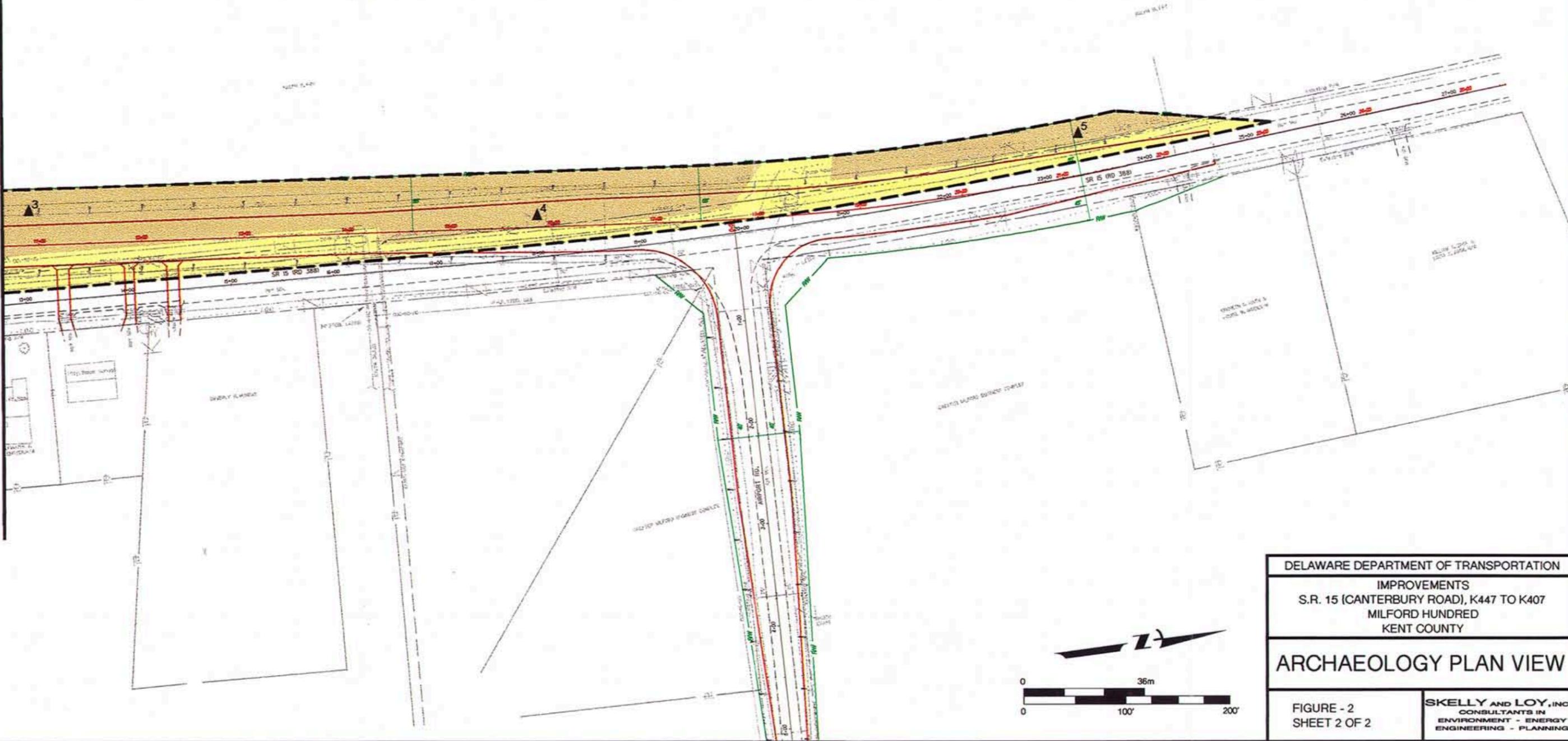
FIGURE - 2
 SHEET 1 OF 2

SKELLY AND LOY, INC.
 CONSULTANTS IN
 ENVIRONMENT - ENERGY
 ENGINEERING - PLANNING

LEGEND:

-  AUGER BORING
-  AREA OF POTENTIAL EFFECT (APE)
-  PLOWED AGRICULTURAL FIELD SURFACE COLLECTION (90% SURFACE VISIBILITY)
-  DISTURBED

MATCH TO SHEET 1 OF 2



DELAWARE DEPARTMENT OF TRANSPORTATION
IMPROVEMENTS
S.R. 15 (CANTERBURY ROAD), K447 TO K407
MILFORD HUNDRED
KENT COUNTY

ARCHAEOLOGY PLAN VIEW

FIGURE - 2
SHEET 2 OF 2

SKELLY AND LOY, INC.
CONSULTANTS IN
ENVIRONMENT - ENERGY
ENGINEERING - PLANNING



Photograph 1. View of the project APE near the south end, at the proposed intersection with Holly Hill Road, facing southeast.



Photograph 2. View of the project APE near the south end, facing north-northeast.



Photograph 3. View of the central portion of the project APE, facing north.



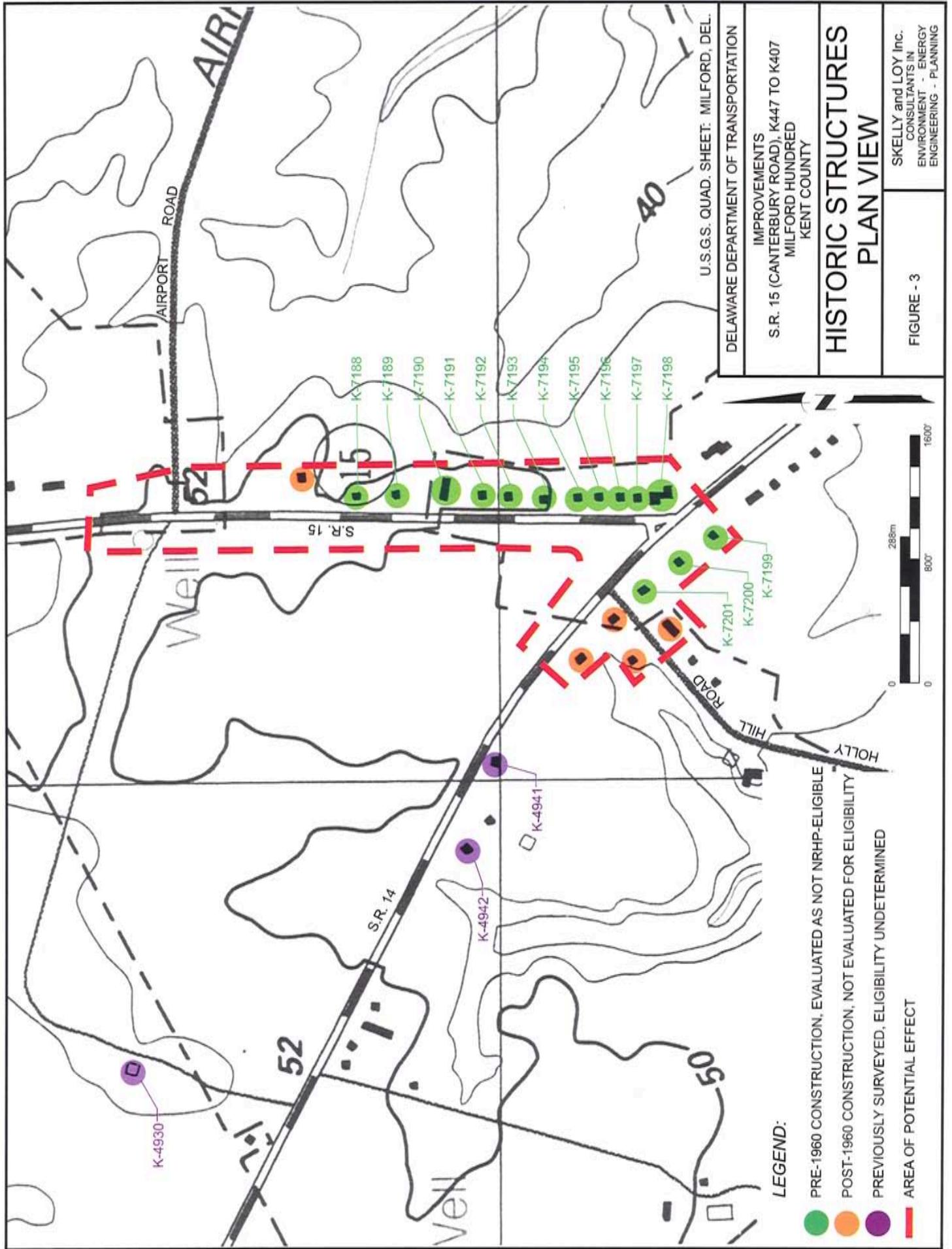
Photograph 4. View of the project APE near the north end, facing south.
Note the irrigation pump housing in photograph.



Photograph 5. View of the grassy and wooded portions of the project APE, facing northwest.



Photograph 6. View of the grassy and wooded portions of the project APE, facing north.



U.S.G.S. QUAD. SHEET: MILFORD, DEL.

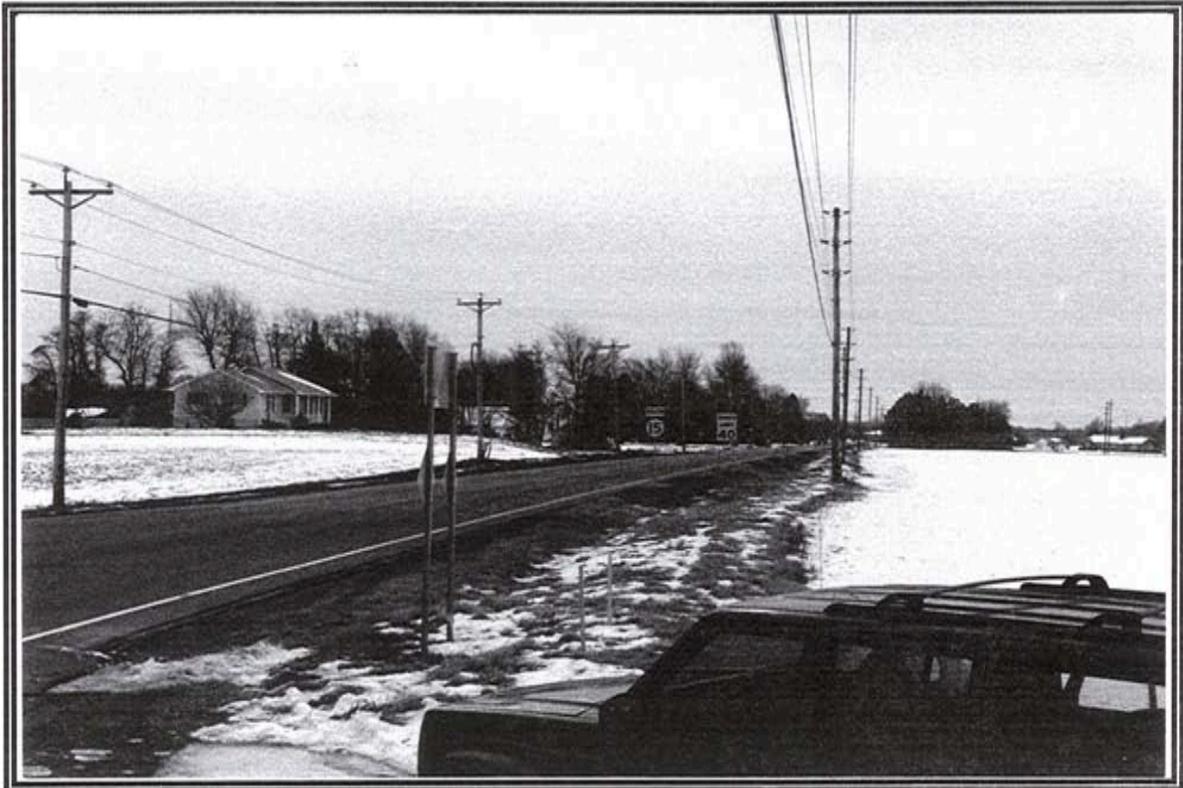
DELAWARE DEPARTMENT OF TRANSPORTATION

IMPROVEMENTS
S.R. 15 (CANTERBURY ROAD), K447 TO K407
MILFORD HUNDRED
KENT COUNTY

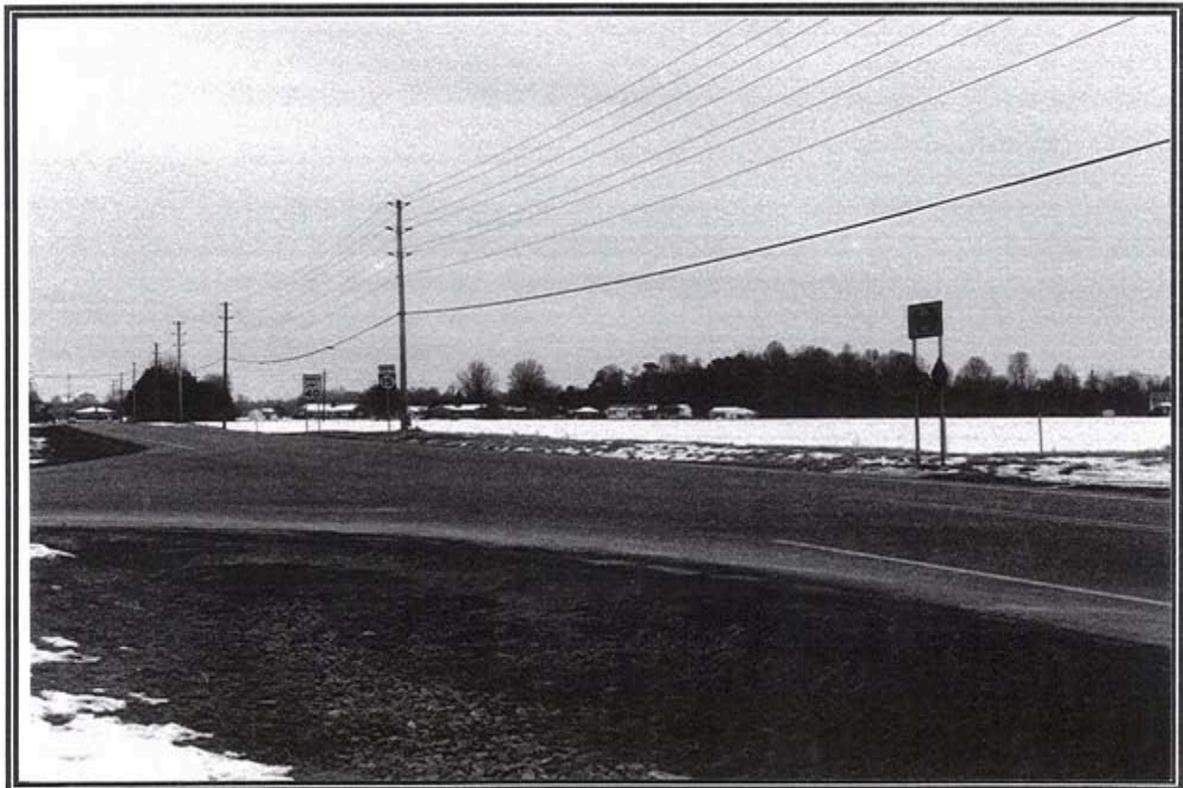
**HISTORIC STRUCTURES
PLAN VIEW**

FIGURE - 3

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Photograph 7. View of the houses along east side of existing S.R. 15, facing southeast.



Photograph 8. Distant view of the houses along the south side of S.R. 14 near the Holly Hill Road intersection, facing southwest.