Assistance Video

Videos demonstrating how to complete this project are available if you need assistance.

1 Open a Windows Explorer view.

2 Browse to the training folder C:\Bentley Training\GEOPAK 301\Videos

3 Select the *Task 06* folder.

4 Double-click on the video to view.

Time Allowed

120 Minutes

Cleanup

When finished, exit MicroStation and GEOPAK.

① START MICROSTATION & OPEN/LOAD: .dgn = 'ROUTE 976 AND DEER RUN INTERSECTION.dgn', LOAD job01.gpk & .rdp.

② IMPORTANT TURN LANE ALIGNMENT: GOTO TO CORRIDOR MODELER & IMPORT "~~GREEN~~ YELLOW LINE" PLAN GRAPHIC USING CHAIN ~ 'DEER_RUN_ROAD' NEW CHAIN NAME = 'TURN LANE', STANDARD = 'P_GOOD ROAD_SECONDARY CL', (L) SIDE, 0' TO 50', ADD TO LIST ~ IMPORT & SAVE.

③ CREATE SURFACE FOR ROUTE 976: GOTO ROADWAY DESIGNER & OPEN 'ROUTE 976 AND DEER RUN INTERSECTION.ird'. SET ACTIVE CORRIDOR TO 'ROUTE 976' & ACTIVE SURFACE TO 'EXISTING GROUND' & SELECT PROCESS ALL. REVIEW THE CORRIDOR. SELECT CREATE SURFACE: NAME = 'ROUTE 976'

④ APPLY STYLE, CREATE CORRIDOR & SURFACE FOR DEER RUN: OPEN CREATE TEMPLATE & APPLY STYLE TO LT_SHDR POINT USING 2ND PART CL IN THE FOUR LANE TEMPLATE. SAVE .itl. OPEN ROADWAY DESIGNER & CREATE 'DEER RUN ROAD' STATION ☑ 0+00 TO 3+00, H = DEER RUN ROAD, V = P.G. ADD & CLOSE. GOTO TEMPLATE DROPS: DEER RUN ROAD ~ STA = 0+29.00, INTERVAL = 0.20, TEMPLATE = FOUR LANE, ADD & PROCESS ALL. GOTO CREATE SURFACE. HIGHLIGHT 'DEER RUN ROAD' IN LIST, NAME FOR SURFACE = 'DEER RUN ROAD PROPOSED', APPLY & CLOSE AND SAVE...

⑤ ASSIGN POINT CONTROLS: OPEN ROADWAY DESIGNER, SELECT CORRIDOR & POINT CONTROLS. CORRIDOR 976 POINT 'LT_SHDR', BOTH, H = 'NW_QUADRANT' ~~TURN_LANE~~ V = 'NW_QUADRANT', ☑ USE AS SECONDARY ALIGNMENT. CLICK ADD. <u>DO THE SAME FOR THE 'RT_SHDR'</u>. CLICK ADD, CLOSE, & SAVE.

⑥ CREATE TARGET ALIAS & FINISHED SURFACE: ACTIVE CORRIDOR = 'DEER RUN ROAD', SURFACE = 'EXISTING GROUND' GOTO TARGET ALIASING. ADD 'CORRIDOR - ROUTE 976' & 'SURFACE - EXISTING GROUND', SELECT OK, THEN PROCESS ALL. GOTO CREATE SURFACE, NAME = ~~'FINISHED'~~ 'MERGED', CLICK APPLY & CLOSE, SAVE. REVIEW GRAPHICS.

~ SHOW HOW TO CREATE CONTOURS...

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