

TYPICAL SECTION - SR 0012/SR 2016 & T-637 ROUNDABOUT
NOT TO SCALE

PROJECT DESCRIPTION:

THIS PROJECT IS IN ALSACE TOWNSHIP, BERKS COUNTY, PA AND CONSISTS OF SAFETY IMPROVEMENTS ALONG THE SR 0012 (PRICETOWN ROAD) CORRIDOR FROM WEST OF THE INTERSECTION AT SR 2016 (ELIZABETH TOWN AVENUE)/HILL VIEW ROAD TO EAST OF THE INTERSECTION AT SR 2027 (SKYLINE DRIVE). IMPROVEMENTS WILL ALSO BE MADE AT EACH OF THE INTERSECTIONS. BASED ON THE TRAFFIC ANALYSIS AND AN ALTERNATIVES ANALYSIS STUDY, THE FOLLOWING IMPROVEMENTS ARE PROPOSED FOR THIS PROJECT:

- CONSTRUCTION OF A 2X1 ROUNDABOUT W/ DUAL THROUGH LANES ON SR 0012 AT THE INTERSECTION OF SR 0012 WITH SR 2016 (ELIZABETH AVE.) AND HILL VIEW RD.
- REPLACEMENT OF THE EXISTING BRIDGE CARRYING SR 0012 OVER BERNHART CREEK AT THE INTERSECTION WITH SR 2016 (ELIZABETH AVE.) AND HILL VIEW RD. WITH A PRECAST REINFORCED CONCRETE BOX CULVERT RUNNING UNDER THE PROPOSED ROUNDABOUT.
- CONSTRUCTION OF A SIGNALIZED INTERSECTION AT SR 0012 AND SR 2027 (SKYLINE DR.) WITH TURN LANES ON SR 0012 AND REALIGNMENT OF SR 2027 PERPENDICULAR TO SR 0012.
- RECONSTRUCTION OF SR 0012 WITH 8' SHOULDERS BETWEEN THE TWO INTERSECTIONS.
- ADDITIONAL SAFETY IMPROVEMENTS WITHIN THE PROJECT LIMITS INCLUDING ACCESS MANAGEMENT, ENHANCED WARNING SIGNAGE AT HORIZONTAL CURVES, AND HIGH FRICTION SURFACE TREATMENT ON STEEP DOWNGRADES.
- CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES TO ACCOMMODATE RUNOFF FROM THE ADDITIONAL PAVEMENT FOOTPRINT.

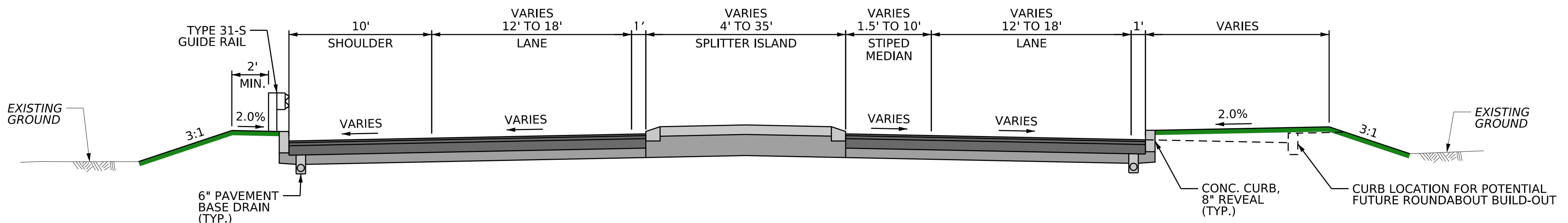
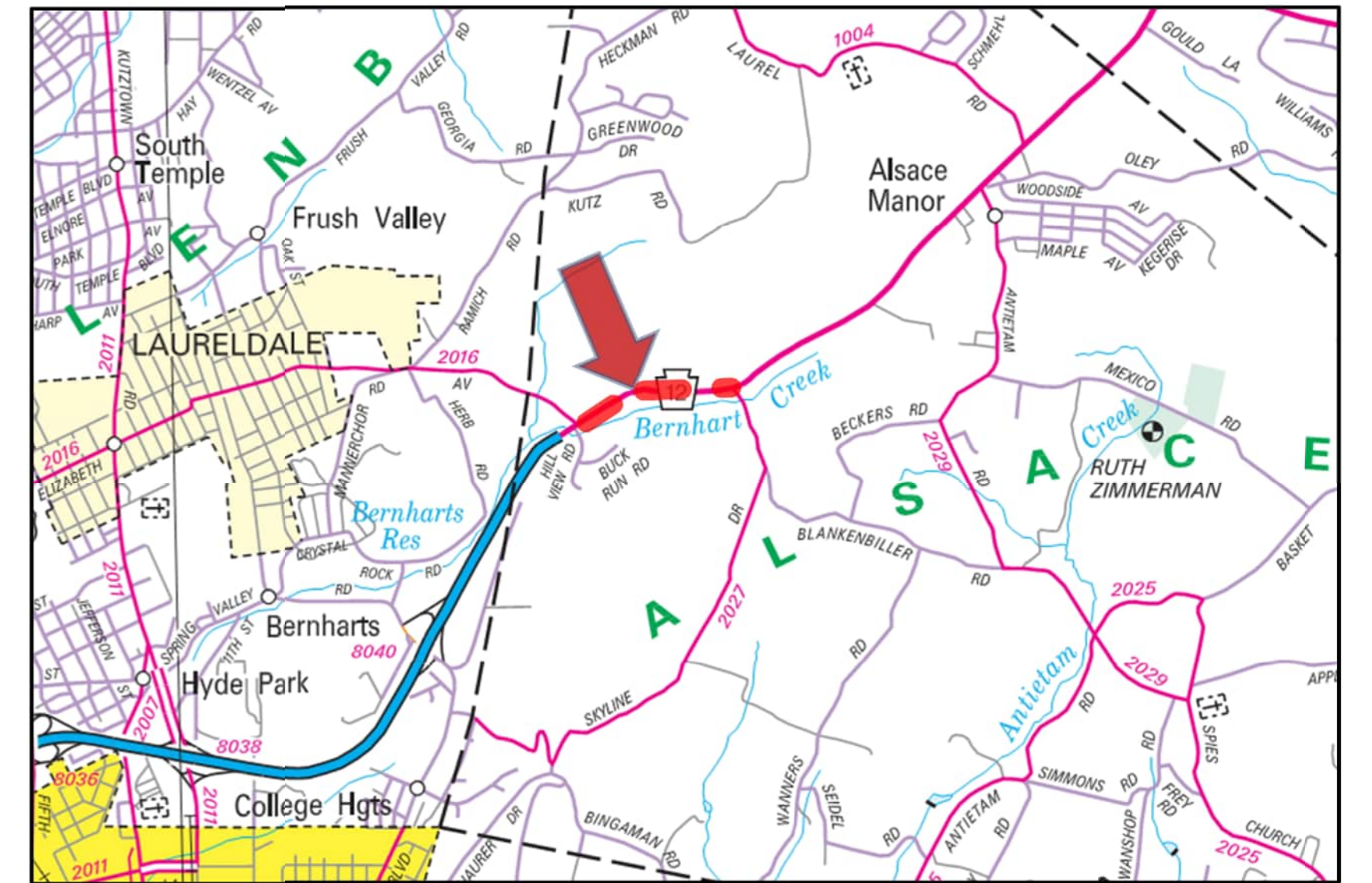
PURPOSE AND NEED

PURPOSE: THE PURPOSE OF THE SR 0012, SECTION 03S SAFETY IMPROVEMENTS PROJECT IS TO IMPROVE ROADWAY FACILITIES TO REDUCE TRAFFIC CONGESTION AND CRASHES. THE PROPOSED IMPROVEMENTS WILL EFFECTIVELY HANDLE THE EXPECTED VEHICULAR NEEDS OF THE PUBLIC, EMERGENCY SERVICES, AND REGIONAL TRAFFIC WITHIN THE SURROUNDING AREA.

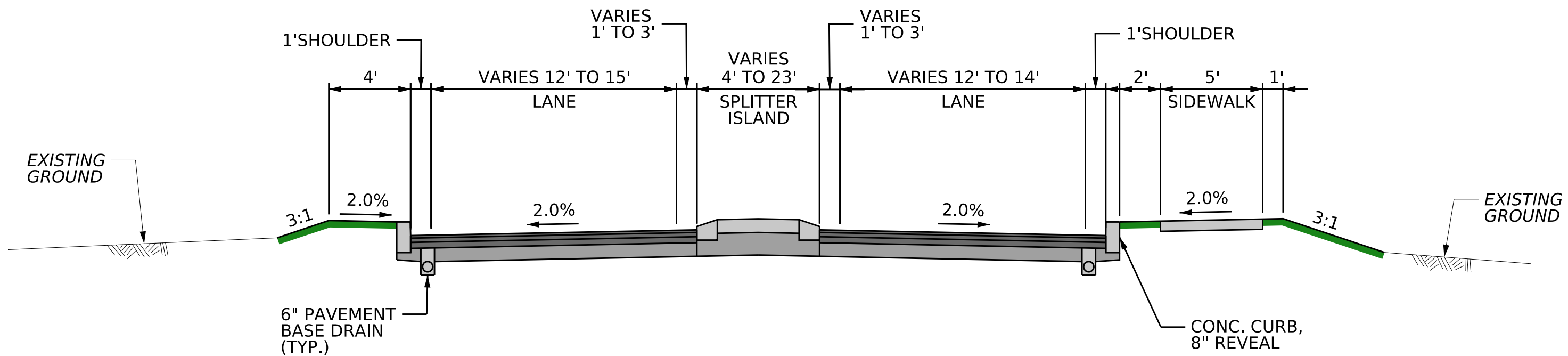
NEED: WHILE THE THROUGH MOVEMENTS OF SR 0012 GENERALLY OPERATE WELL, THE LACK OF TURN LANES RESULTS IN QUEUING WHEN VEHICLES ATTEMPT TO TURN LEFT ONTO THE SIDE STREETS. THIS ISSUE IS PARTICULARLY EVIDENT WITH LEFT TURNS ONTO ELIZABETH AVENUE. EASTBOUND SR 0012 IS LIMITED ACCESS JUST TO THE WEST OF THE STUDY AREA, SO TRAFFIC IS OFTEN APPROACHING THE INTERSECTION AT HIGH SPEEDS. ADDITIONALLY, TRAFFIC FROM THE SIDE STREET APPROACHES HAS GREAT DIFFICULTY ENTERING THE ROADWAY DURING PEAK HOURS RESULTING IN SUBSTANTIAL DELAY AND QUEUING.

THERE ARE GEOMETRIC AND TRAFFIC CONDITIONS THAT CONTRIBUTE TO VEHICULAR CRASHES WITHIN THE PROJECT LIMITS INCLUDING HORIZONTAL AND VERTICAL CURVES, HEAVY DIRECTIONAL VOLUMES, LONG QUEUES AND DELAYS ON THE SIDE STREET APPROACHES, AND SPEEDING.

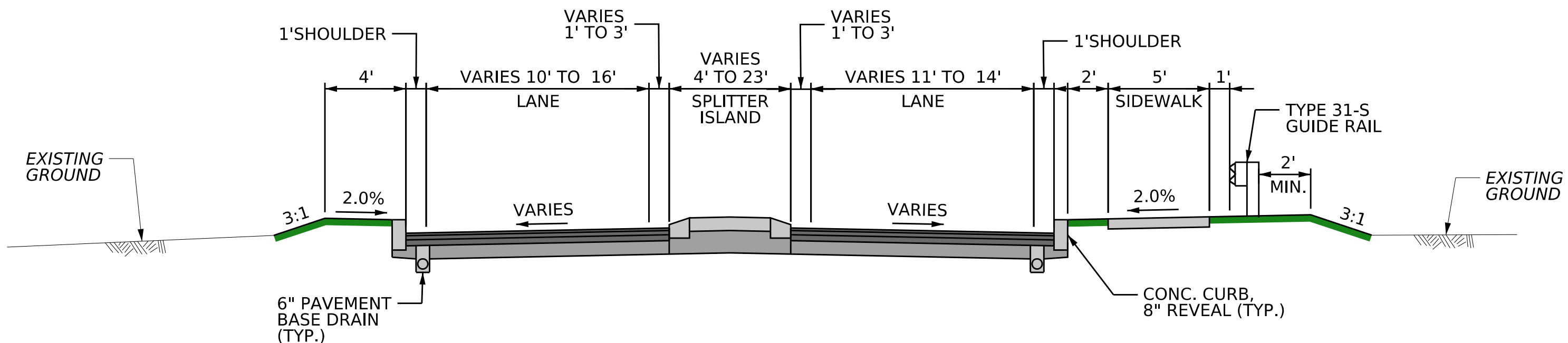
PROJECT LOCATION MAP



TYPICAL SECTION - SR 0012 EASTBOUND ROUNDABOUT APPROACH
NOT TO SCALE



TYPICAL SECTION - SR 2016 ROUNDABOUT APPROACH
NOT TO SCALE



TYPICAL SECTION - T-637 ROUNDABOUT APPROACH
NOT TO SCALE

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SR 0012 SECTION 03S
SR 12 (PRICETOWN RD.) SAFETY IMPROVEMENTS
FROM ELIZABETH AVE. TO SKYLINE DRIVE

PUBLIC PLAN PRESENTATION