

PLOT DATE: 4/18/2022 (6:18:21 PM)
 FILE NAME: L:\DOT\200660\Draw\Roadway\CADD_Sheets\IDS Sheets\...
 PLOT SCALE: 200.0000' / in.
 USER NAME: Rob Healy



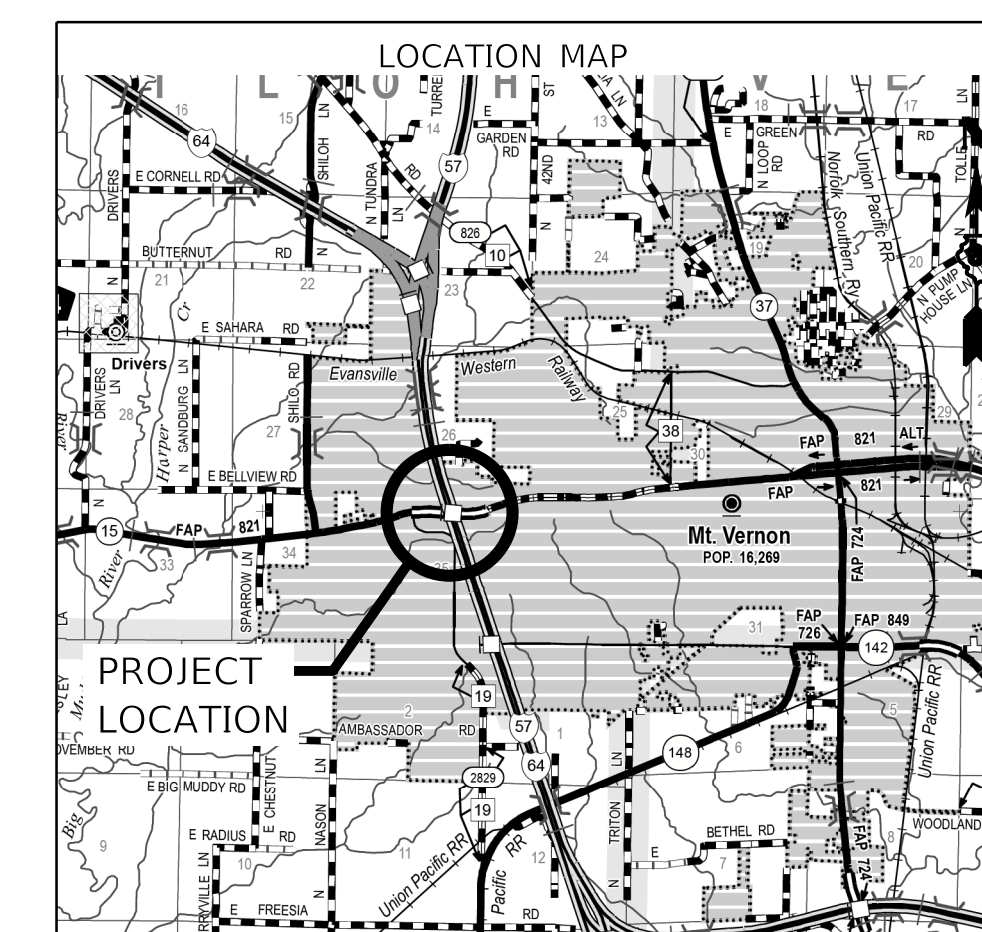
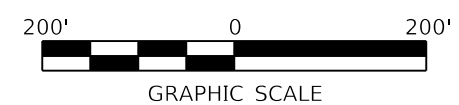
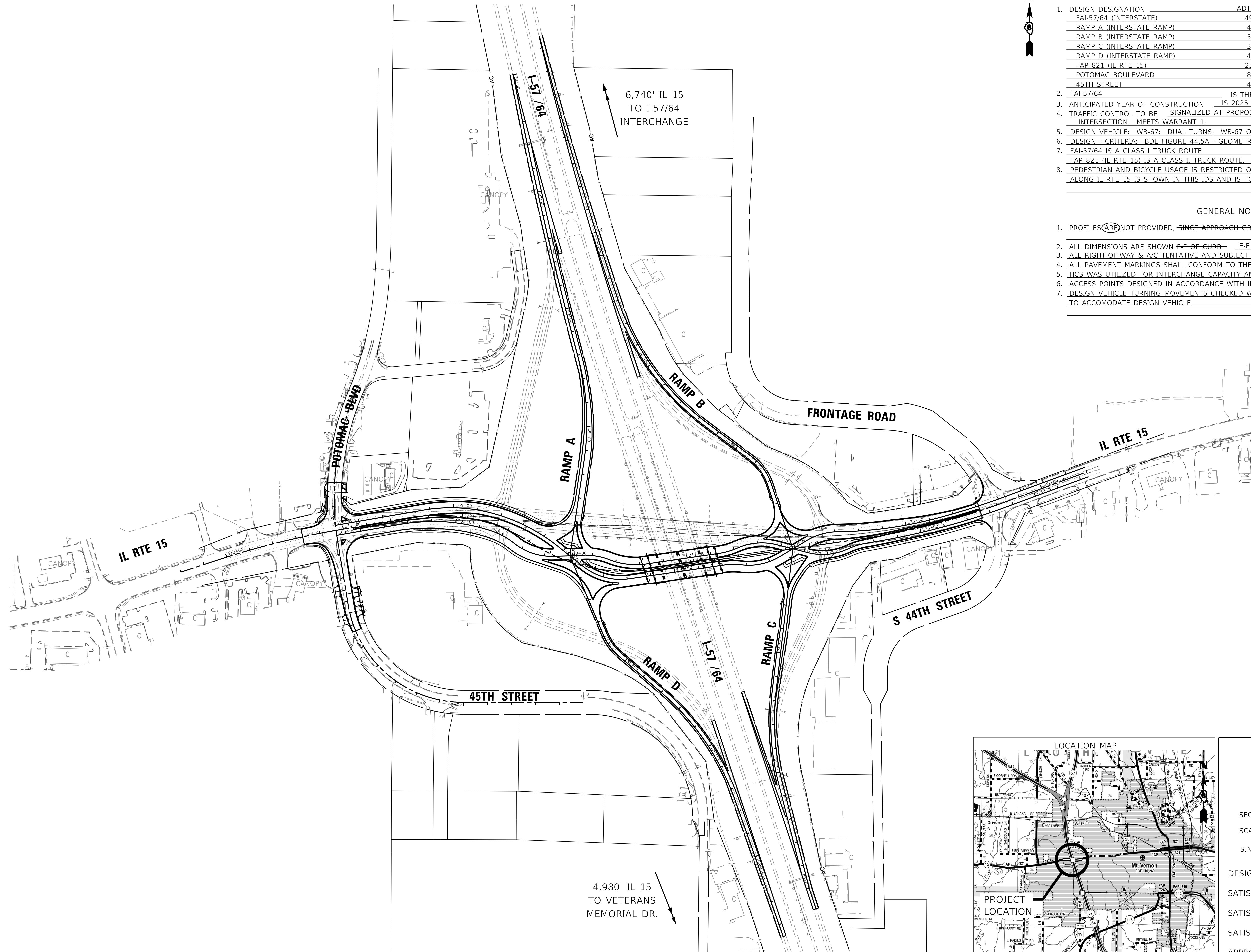
ELEMENTS CONTROLLING DESIGN

DESIGN DESIGNATION	ADT (2024)	ADT (2044)	DESIGN SPEED	POSTED
FAI-57/64 (INTERSTATE)	49,700	60,700	70	65
RAMP A (INTERSTATE RAMP)	4,850	5,400	55	50
RAMP B (INTERSTATE RAMP)	5,600	5,900	55	50
RAMP C (INTERSTATE RAMP)	3,300	3,600	55	50
RAMP D (INTERSTATE RAMP)	4,200	4,500	55	50
FAP 821 (IL RTE 15)	25,000	27,300	30	30
POTOMAC BOULEVARD	8,900	9,700	30	25
45TH STREET	4,300	4,700	30	30

- FAI-57/64 IS THE PREFERENCE ROUTE
- ANTICIPATED YEAR OF CONSTRUCTION IS 2025
- TRAFFIC CONTROL TO BE SIGNALIZED AT PROPOSED IL RTE 15 DIVERGING DIAMOND INTERSECTION. MEETS WARRANT 1.
- DESIGN VEHICLE: WB-67; DUAL TURNS: WB-67 OUTSIDE & INSIDE.
- DESIGN - CRITERIA: BDE FIGURE 44.5A - GEOMETRIC DESIGN CRITERIA FOR FREEWAYS
- FAI-57/64 IS A CLASS I TRUCK ROUTE.
- FAP 821 (IL RTE 15) IS A CLASS II TRUCK ROUTE.
- PEDESTRIAN AND BICYCLE USAGE IS RESTRICTED ON THE INTERSTATE SYSTEM. A SHARED USE PATH ALONG IL RTE 15 IS SHOWN IN THIS IDS AND IS TO BE PROVIDED.

GENERAL NOTES

- PROFILES ARE NOT PROVIDED, SINCE APPROACH GRADES ARE SEE PROFILE SHEETS
- ALL DIMENSIONS ARE SHOWN F-F OF CURB - E-E OF PAVEMENT EXCEPT WHEN OTHERWISE NOTED.
- ALL RIGHT-OF-WAY & A/C TENTATIVE AND SUBJECT TO CHANGE.
- ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST MUTCD AND IDOT POLICIES.
- HCS WAS UTILIZED FOR INTERCHANGE CAPACITY ANALYSIS.
- ACCESS POINTS DESIGNED IN ACCORDANCE WITH IDOT POLICY "ACCESS TO STATE HIGHWAYS"
- DESIGN VEHICLE TURNING MOVEMENTS CHECKED WITH AUTOTURN 10.2 AND ARE ADEQUATE TO ACCOMMODATE DESIGN VEHICLE.



INTERCHANGE DESIGN STUDY

FAI ROUTE 57 WITH (I-57/64)
 FAP ROUTE 821 WITH (IL RTE 15)

SEC. NO. VARIES PROJ. NO. _____
 SCALE 1" = 200' COUNTY JEFFERSON
 SIN : _____ REV. NO. _____

DESIGNED BY EMM (CMT, INC.) DATE MAR. 2022

SATISFACTORY _____ DISTRICT GEOMETRICS ENGINEER _____ DATE _____

SATISFACTORY _____ DISTRICT PROGRAM DEVELOPMENT ENGINEER _____ DATE _____

SATISFACTORY _____ DISTRICT OPERATIONS ENGINEER _____ DATE _____

APPROVED _____ REGIONAL ENGINEER _____ DATE _____