



ELEMENTS CONTROLLING DESIGN

DESIGN DESIGNATION	ADT (2024)	DESIGN SPEED	POSTED
FAI-270 (INTERSTATE)	61,000	74,400	70
RAMP A (INTERSTATE RAMP)	3,950	5,100	50
RAMP B (INTERSTATE RAMP)	4,500	5,300	50
RAMP C (INTERSTATE RAMP)	4,700	5,700	50
RAMP D (INTERSTATE RAMP)	3,900	4,800	50
FAI-582 (IL RTE 111)	17,550	21,400	30
FAI-5079 (CHAIN OF ROCKS ROAD)	8,300	10,150	35
FAI-270			
2. ANTICIPATED YEAR OF CONSTRUCTION	IS 2024		
3. TRAFFIC CONTROL TO BE	SIGNALIZED AT PROPOSED IL RTE 111 DIVERGING DIAMOND INTERSECTION. MEETS WARRANT 1.		
5. DESIGN VEHICLE	WB-67: DUAL TURNS: WB-67 OUTSIDE & INSIDE.		
6. DESIGN - CRITERIA	BDE FIGURE 44.5A - GEOMETRIC DESIGN CRITERIA FOR FREEWAYS		
7. FAI-270 IS A CLASS II TRUCK ROUTE.			
8. PEDESTRIAN AND BICYCLE USAGE IS RESTRICTED ON THE INTERSTATE SYSTEM. A SHARED USE PATH ALONG WEST SIDE OF IL 111 IS SHOWN IN THIS IDS AND IS TO BE PROVIDED IN THE FUTURE. PEDESTRIAN ACCOMMODATIONS ARE PROVIDED ALONG CHAIN OF ROCKS ROAD.			

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

GENERAL NOTES

- PROFILES ARE NOT PROVIDED, ~~SINCE A TROUGH GRABBER~~ SEE PROFILE SHEETS
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CHAIN OF ROCKS ROAD

CHAIN OF ROCKS ROAD

FILE PATH: L:\PROJECTS\1706601\Drawings\CADD_Sheets\IDS_111_IL111.dwg
PLOT DATE: 5/13/2020 - 10:04:37 AM
PLOT SCALE: 1/8"=1'-0" Overall Sheet Size
USER NAME: Matt Overbey
PLOT SCALE: 1/8"=1'-0" Overall Sheet Size

RAMP B3

RAMP A

I-270

I-270

I-255

INTERCHANGE

RAMP R1

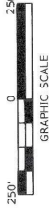
RAMP C

RAMP B

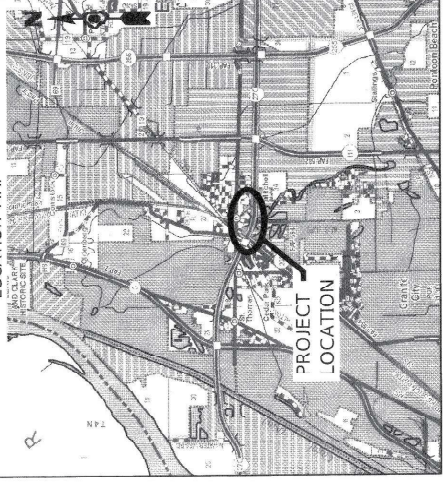
RAMP D

7,849' IL 111
TO IL 203

6,632' IL 111
TO I-255



LOCATION MAP



INTERCHANGE DESIGN STUDY

FAI ROUTE 270 WITH (I-270)
FAI ROUTE 582 (IL RTE 111)

SEC. NO. 60-112.3.4(WRS-1) PROJ. NO. COUNTY MADISON
SCALE 1" = 250'
S.N. REV. NO.

DESIGNED BY MJO (CMT, INC.) DATE MAY 2020
SATISFACTORY DISTRICT GEOMETRICS ENGINEER DATE 6/1/20
SATISFACTORY DISTRICT PROGRAM DEVELOPMENT ENGINEER DATE 6/2/20
SATISFACTORY DISTRICT OPERATIONS ENGINEER DATE 6/2/20
APPROVED Keith Roberts REGIONAL ENGINEER DATE 6/23/20