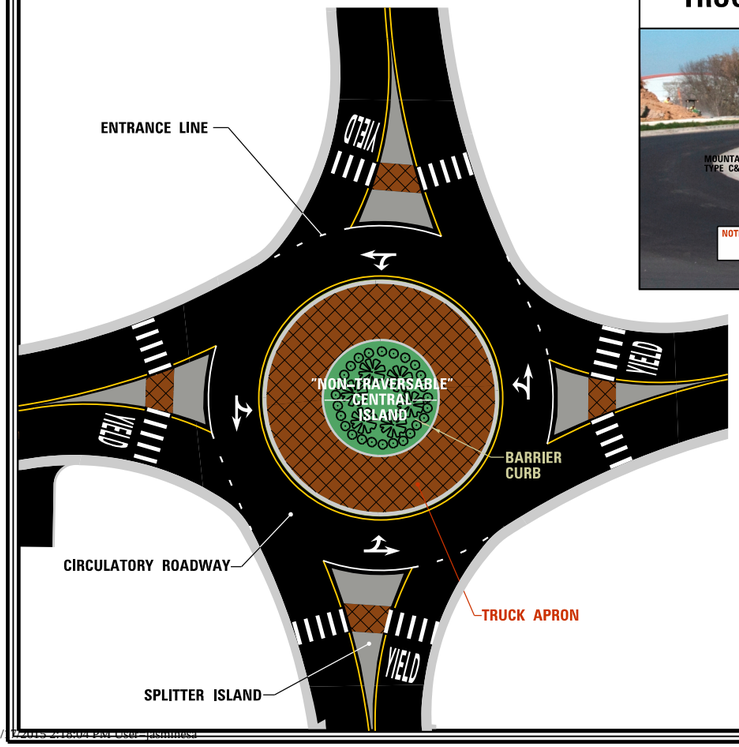
ALTERNATIVES CONSIDERED

Alternative 2: Compact Roundabout

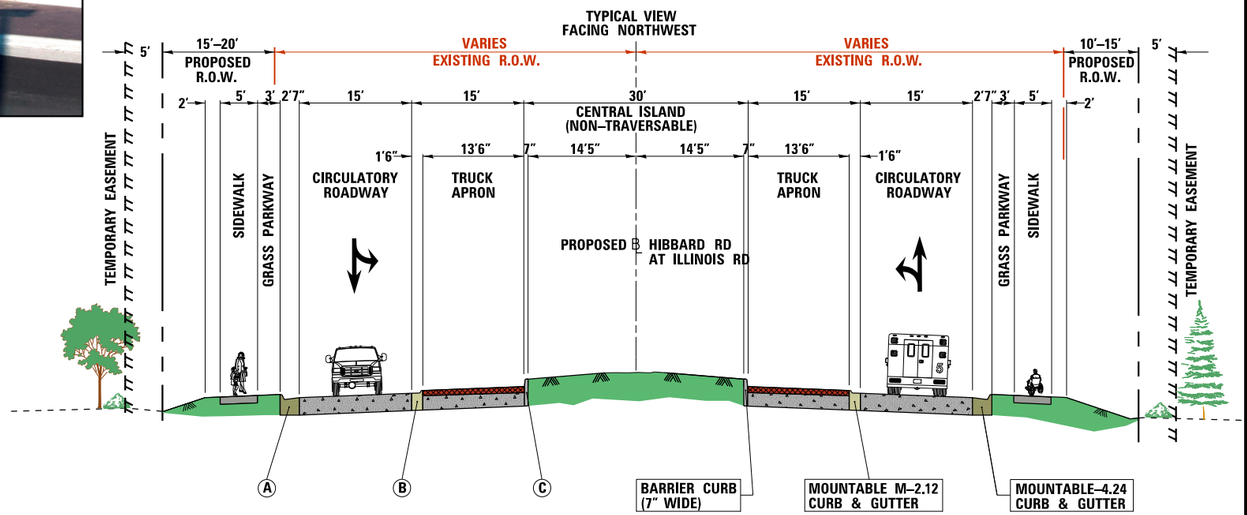
- Truck Apron
- Single circulating lane
- Splitter islands providing deflection and guidance
- Drainage improvements, profile modifications
- Improve pedestrian crossings
- Tree/bush pruning and/or removal as need
- ±0.2 acres of Land Acquisition
- Cost: $721,000

FEATURES



"TRUCK APRON" ILLUSTRATION

TYPICAL SECTION



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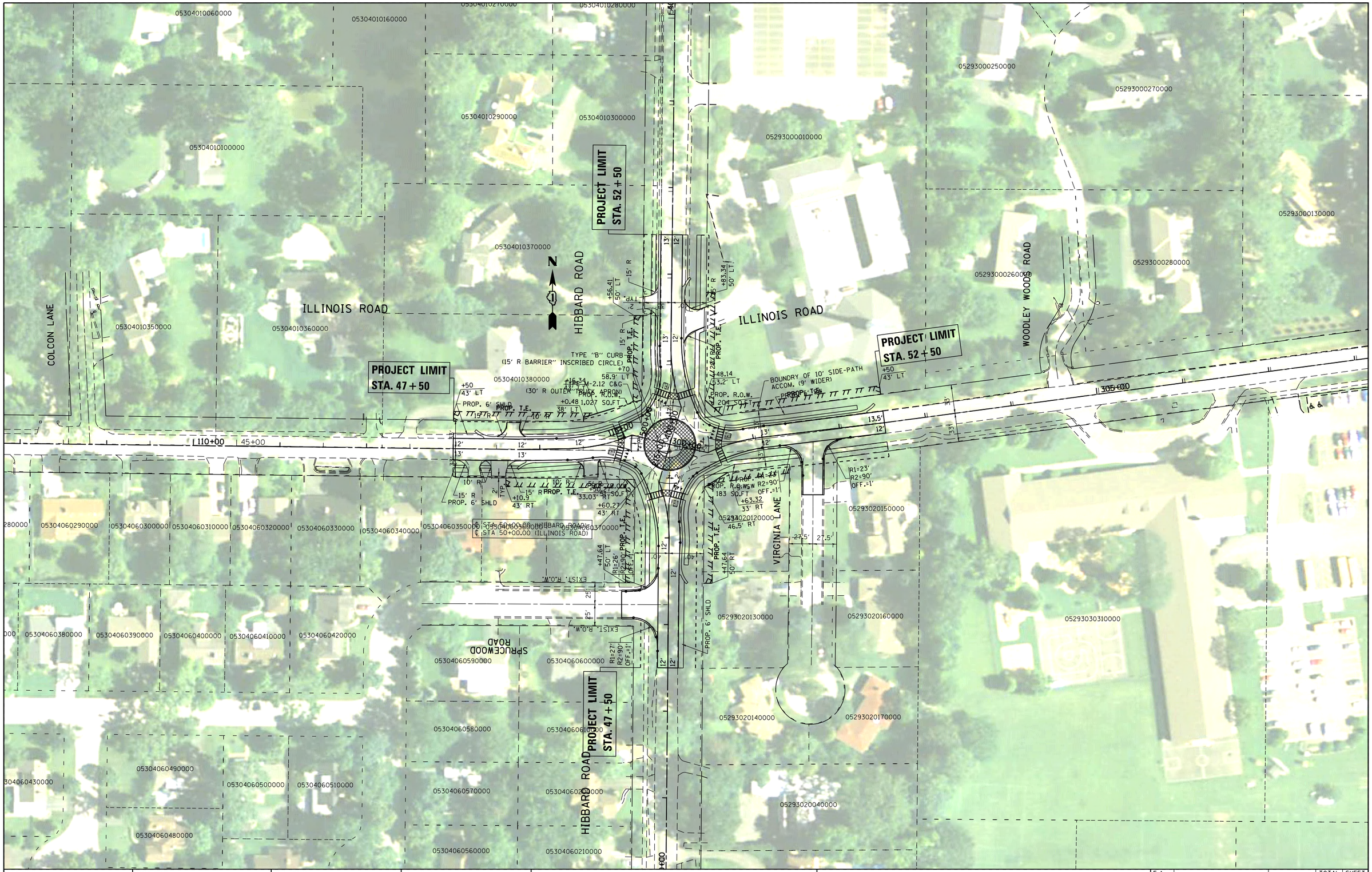

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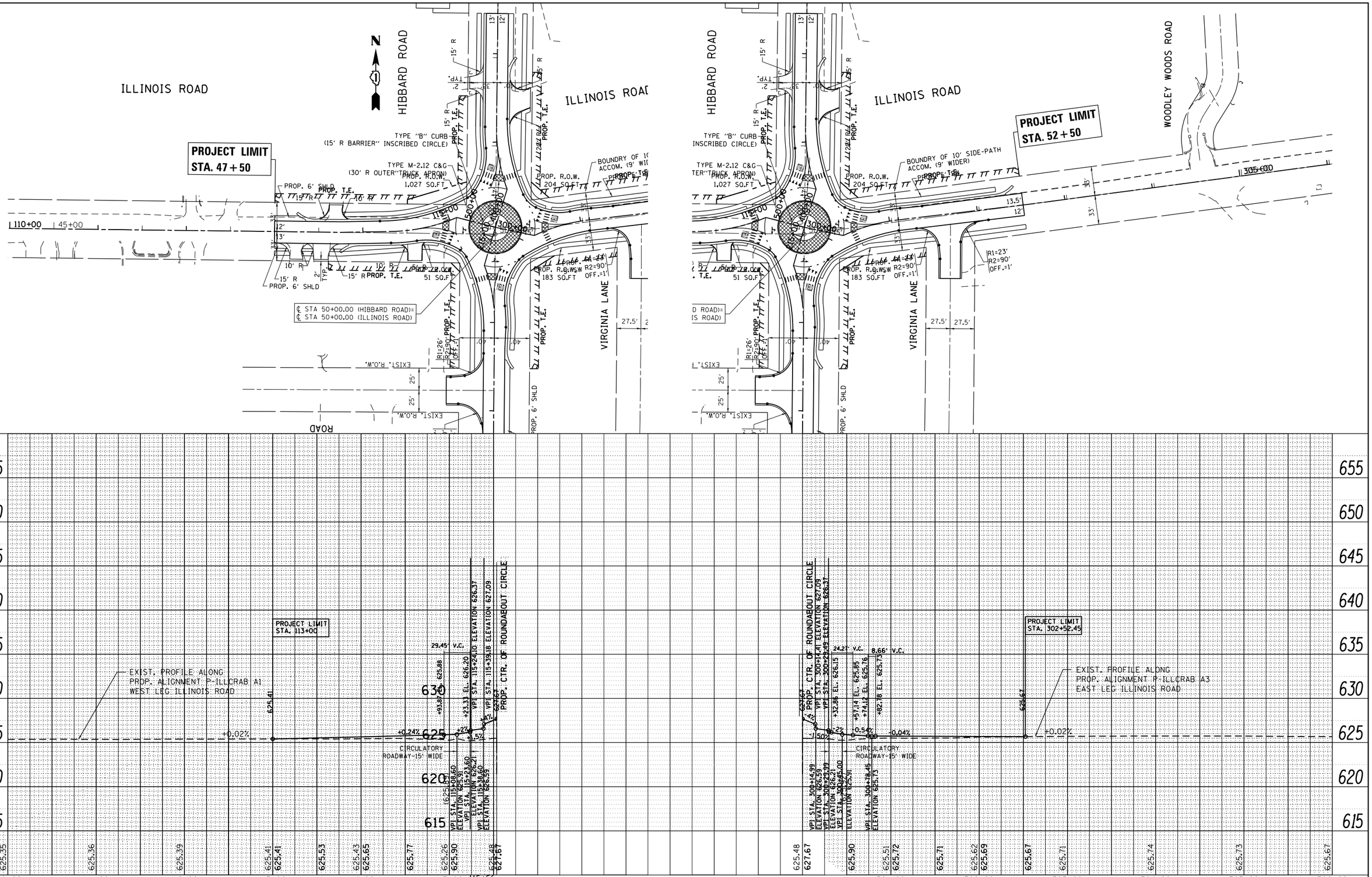
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIBBARD ROAD AT ILLINOIS ROAD
ALTERNATIVE # 4: COMPACT ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN & PROFILE (ALTERNATIVE 3) COMPACT ROUNDABOUT
HIBBARD ROAD AT ILLINOIS ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.

CONTRACT NO.

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHK'D / NOTE BOOK NO. / BY / DATE

PLAN

	DATE
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
BEARINGS & DIST. CHKD	
CADD FILE NAME	
NOTE BOOK	
NO.	

PROFILE

	BY
SURVEYED	
PLOTTED	
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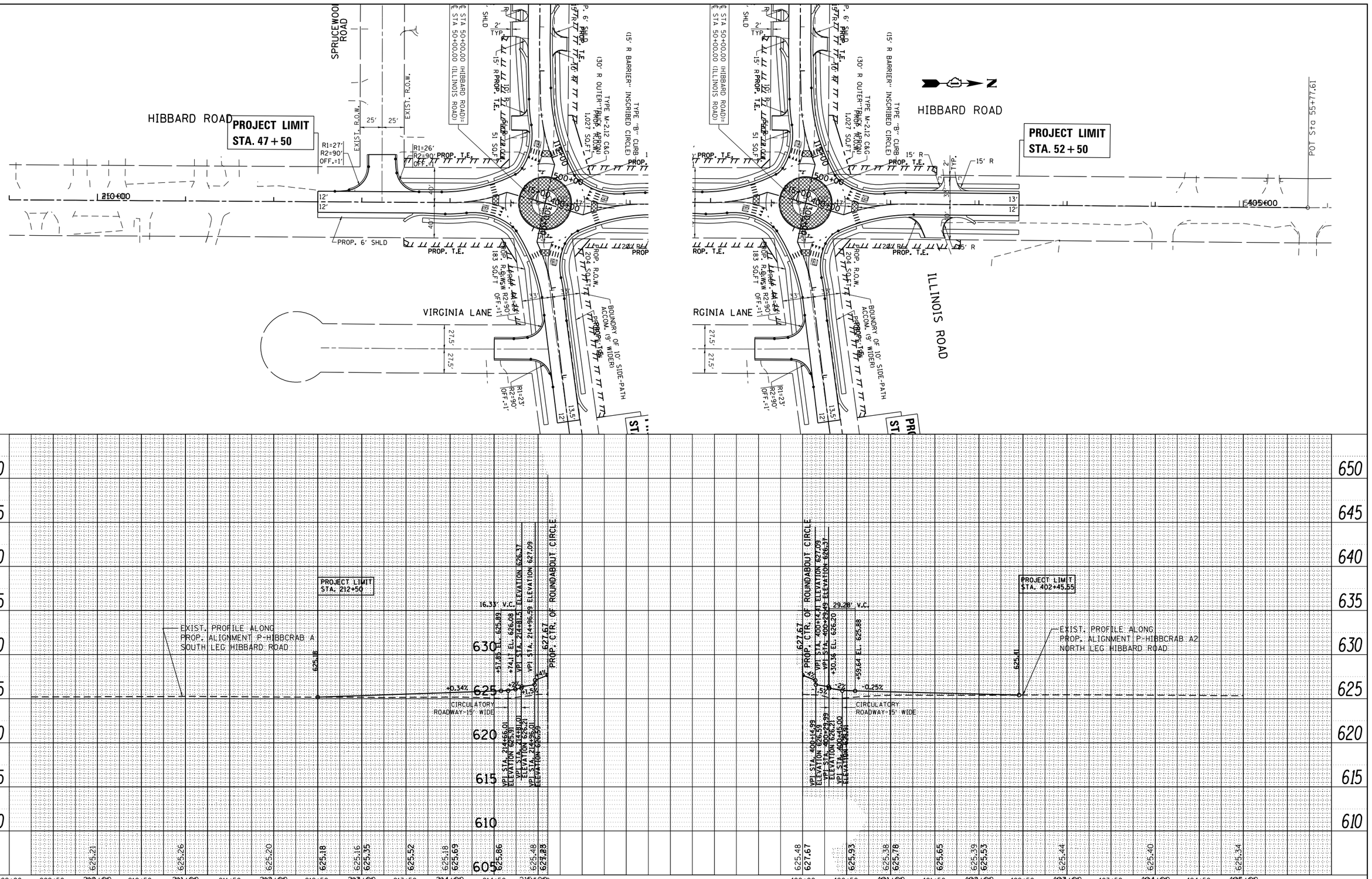
ALL NOTATIONS CHKD	
STRUCTURE NOTATNS CHKD	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN & PROFILE (ALTERNATIVE 3) COMPACT ROUNDABOUT
HIBBARD ROAD AT ILLINOIS ROAD

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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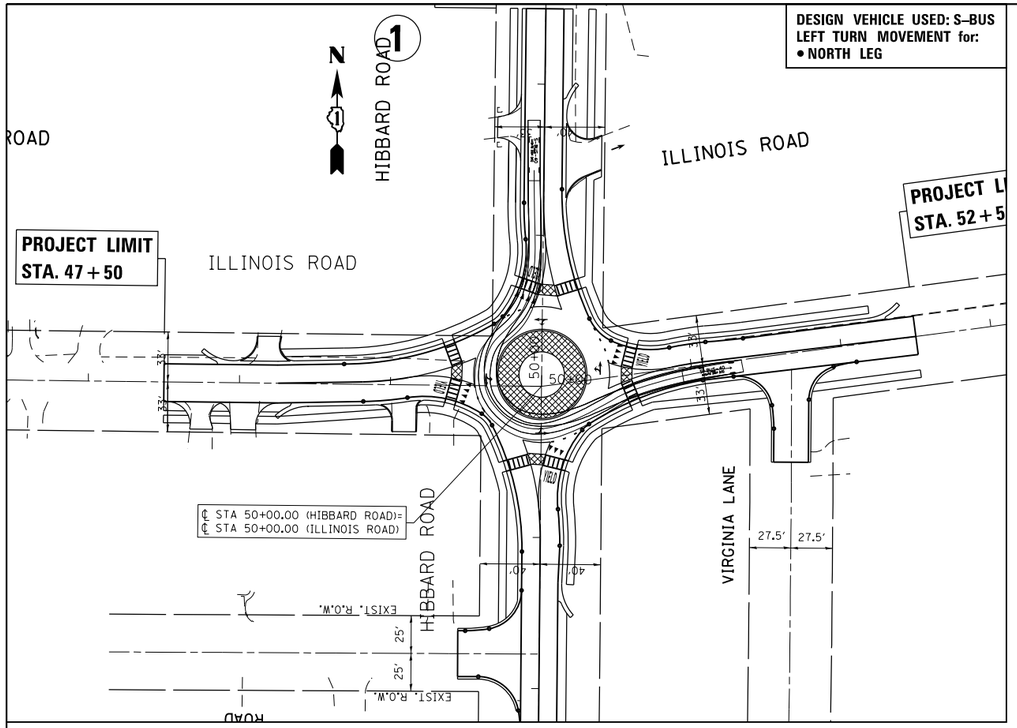

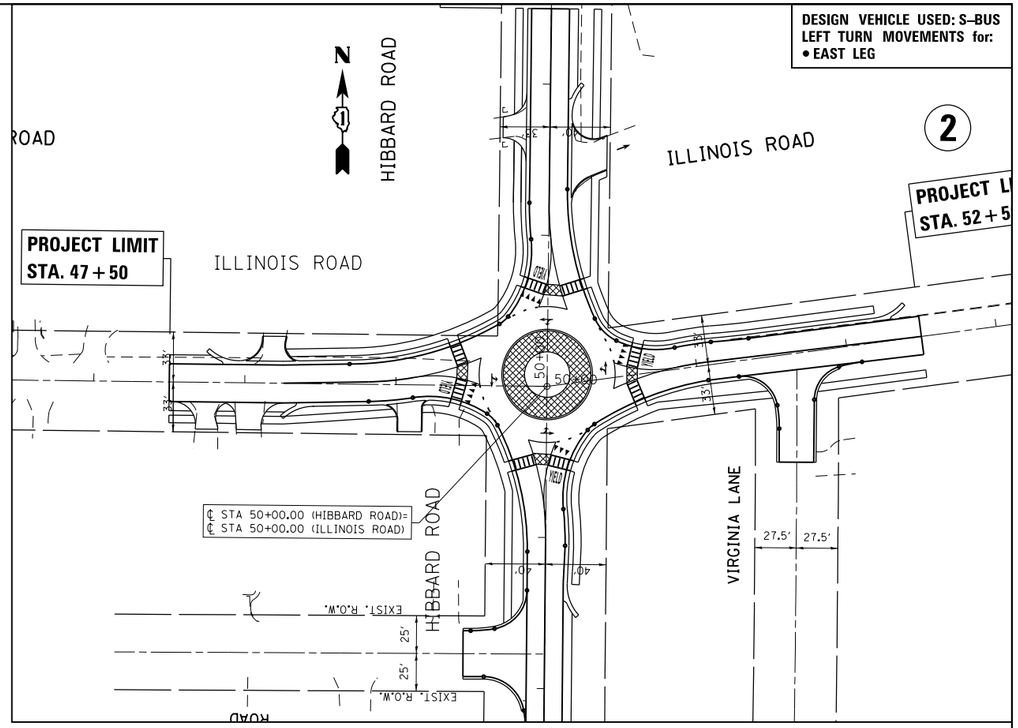

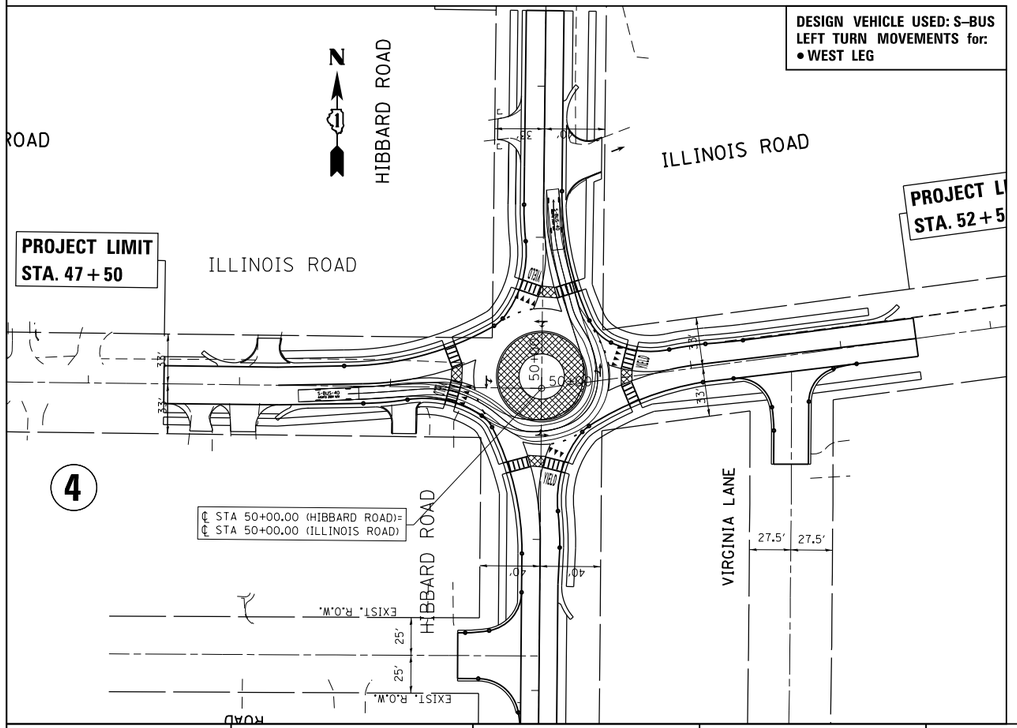

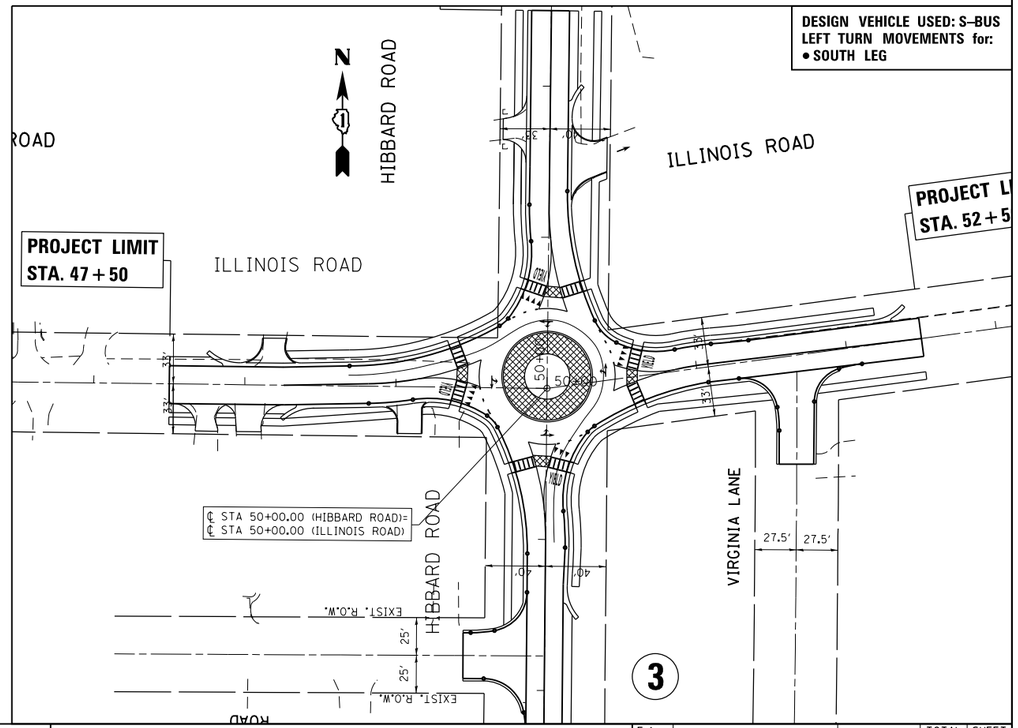

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIBBARD ROAD AT ILLINOIS ROAD (COMPACT RAB)
TURNING MOVEMENTS: LEFT TURNS FOR S–BUS–40 DESIGN VEHICLE

SCALE: | SHEET OF SHEETS | STA. | TO STA.

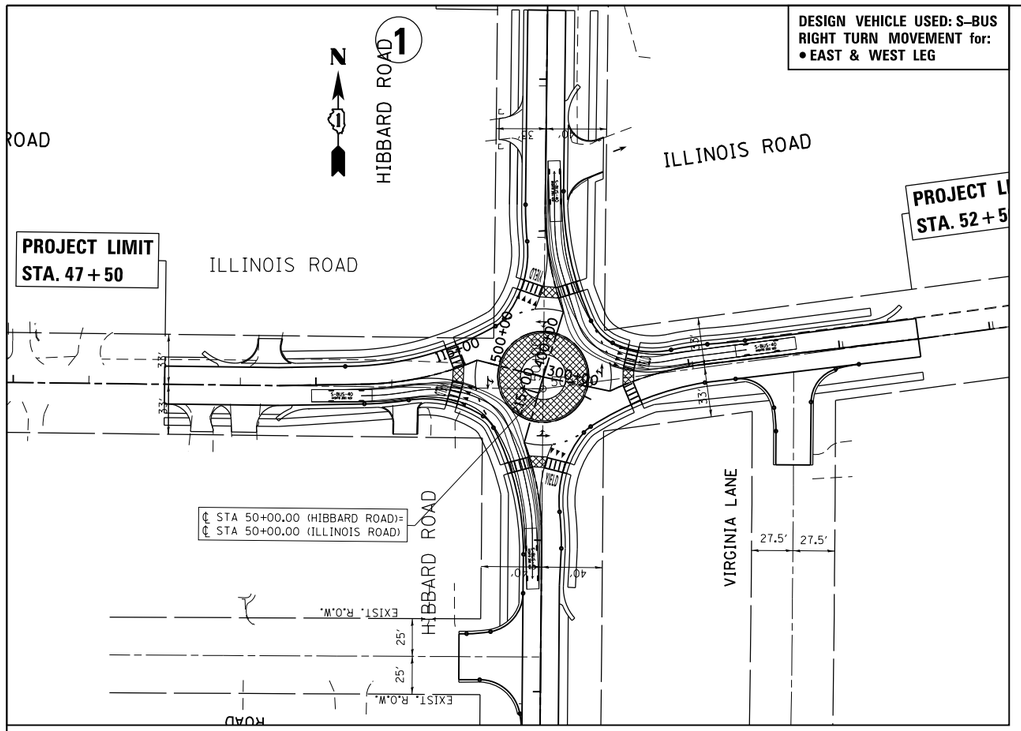
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

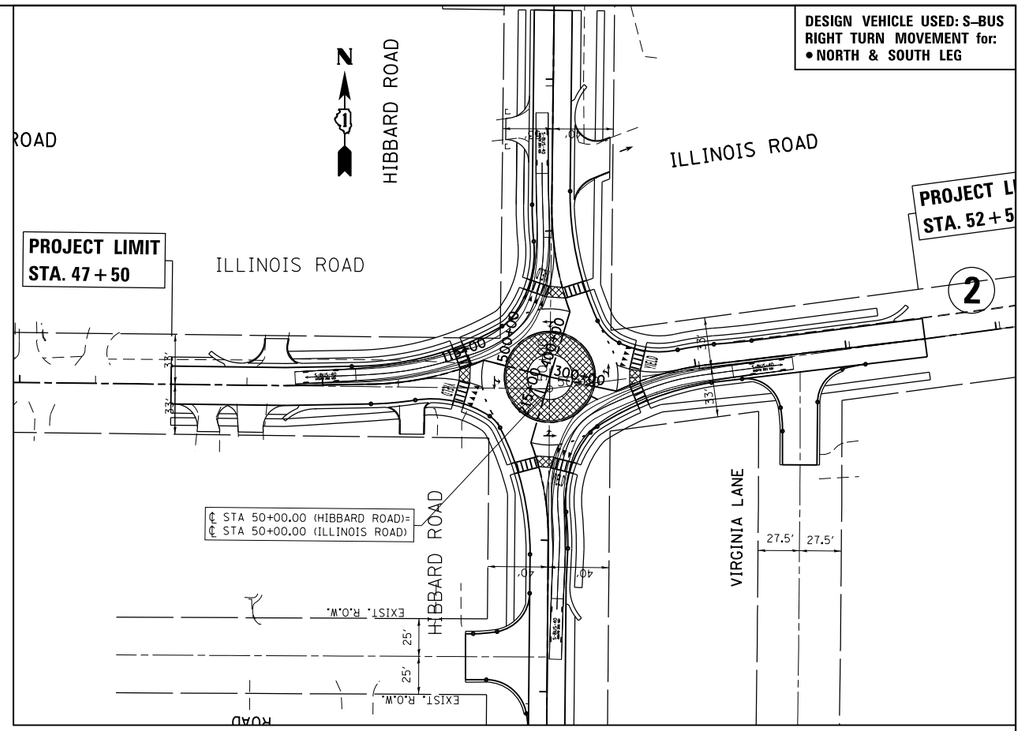
ILLUSTRATION OF DESIGN VEHICLE USED ON THIS SHEET:

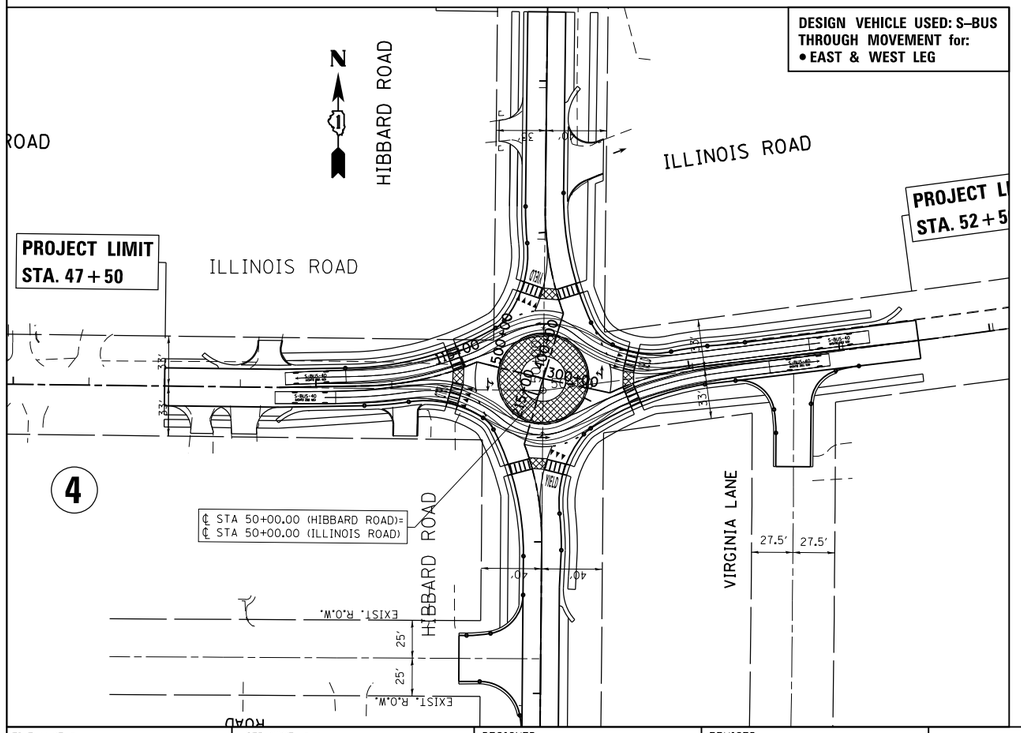
S–BUS–40
feet

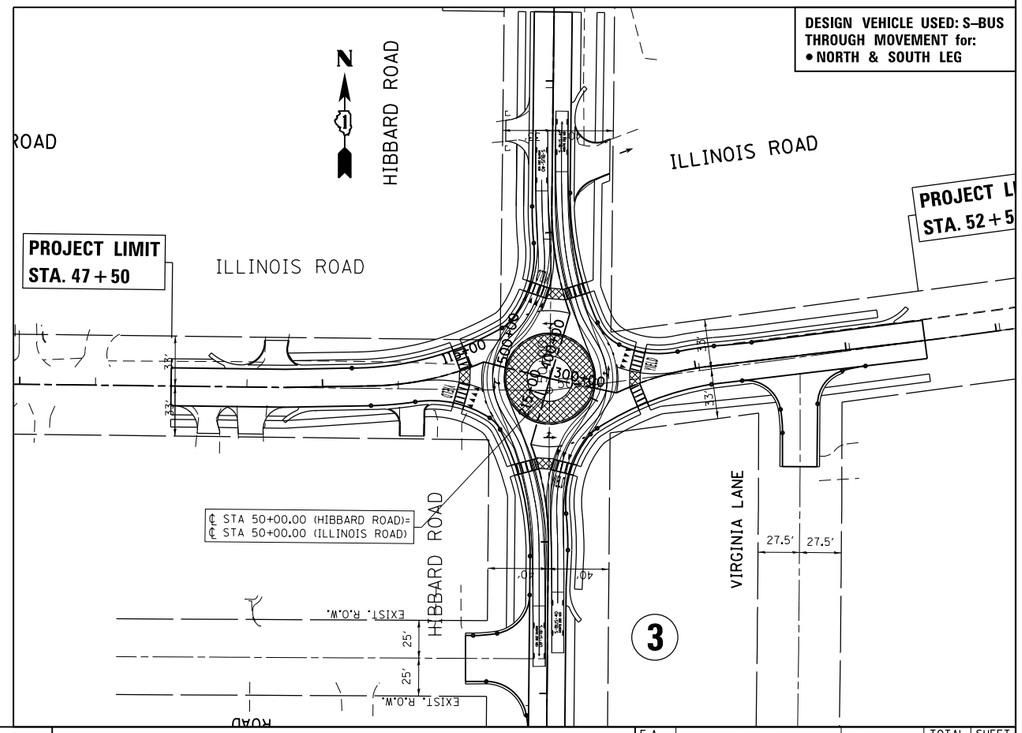
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 34.4

SCHOOL BUS LARGE 40–FOOT









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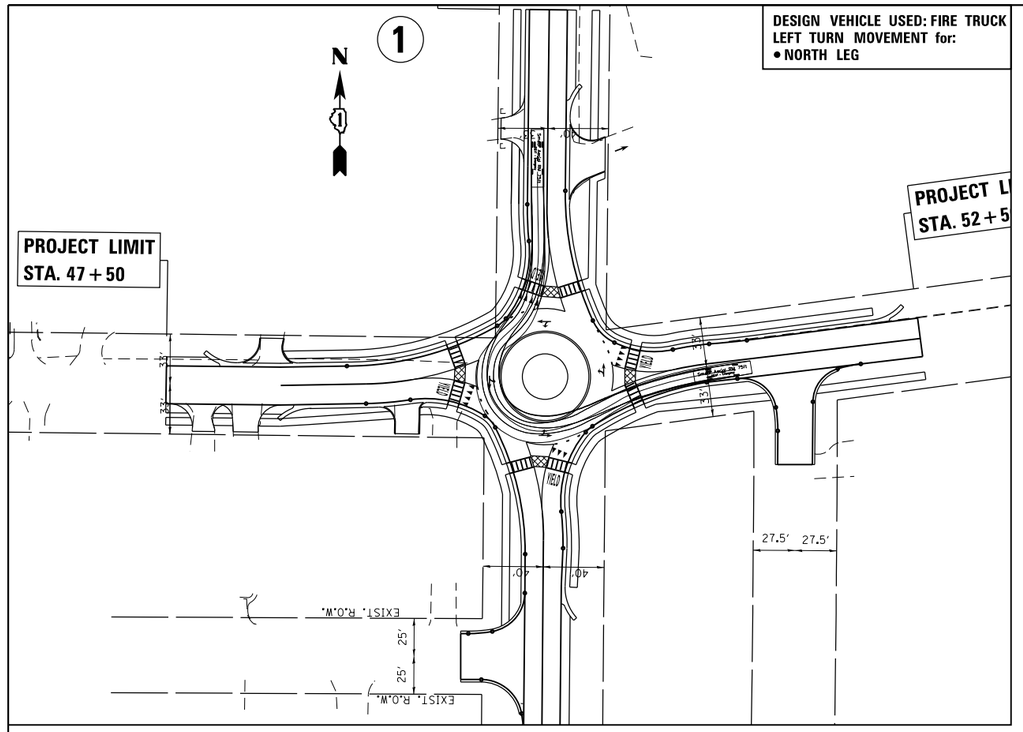
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

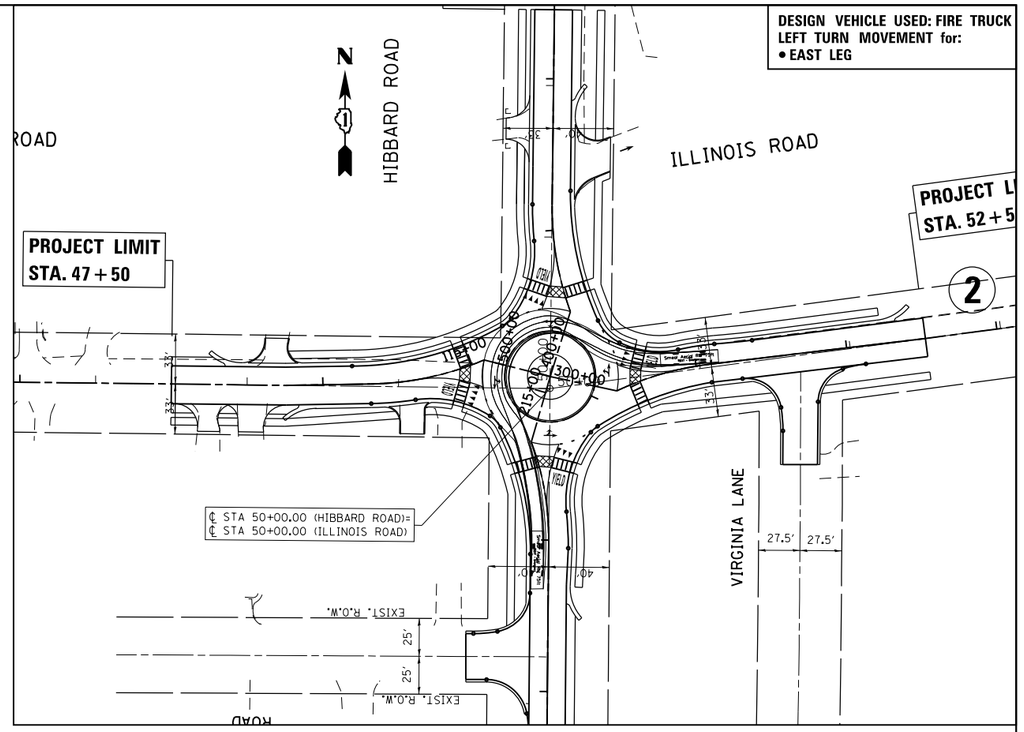
HIBBARD ROAD AT ILLINOIS ROAD (COMPACT RAB)
MOVEMENTS: RIGHT TURNS & THROUGH FOR S–BUS–40

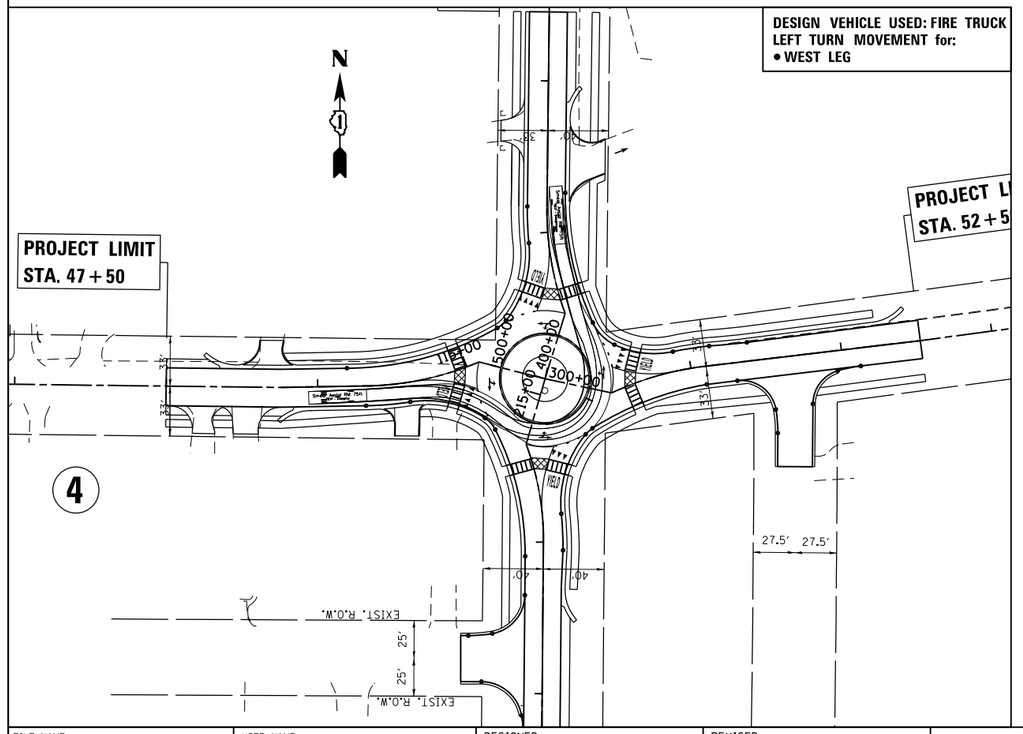
SCALE: | SHEET OF SHEETS | STA. | TO STA.

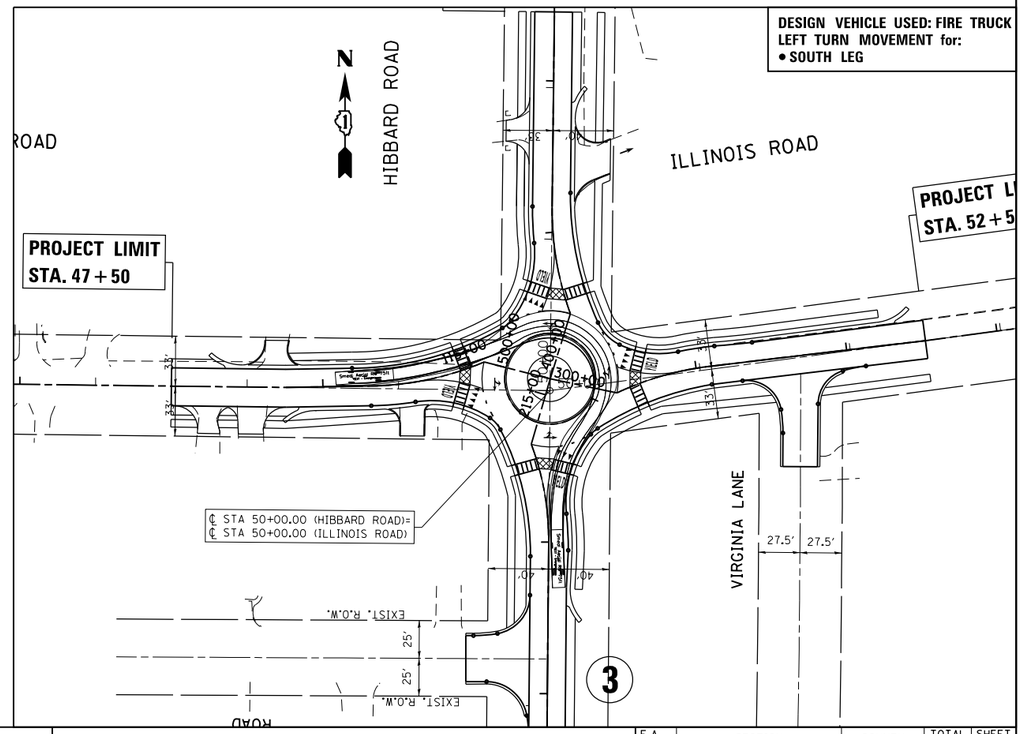
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

ILLUSTRATION OF DESIGN VEHICLE USED ON THIS SHEET:









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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIBBARD ROAD AT ILLINOIS ROAD (COMPACT RAB)
TURNING MOVEMENTS: LEFT TURNS FOR FIRE TRUCK

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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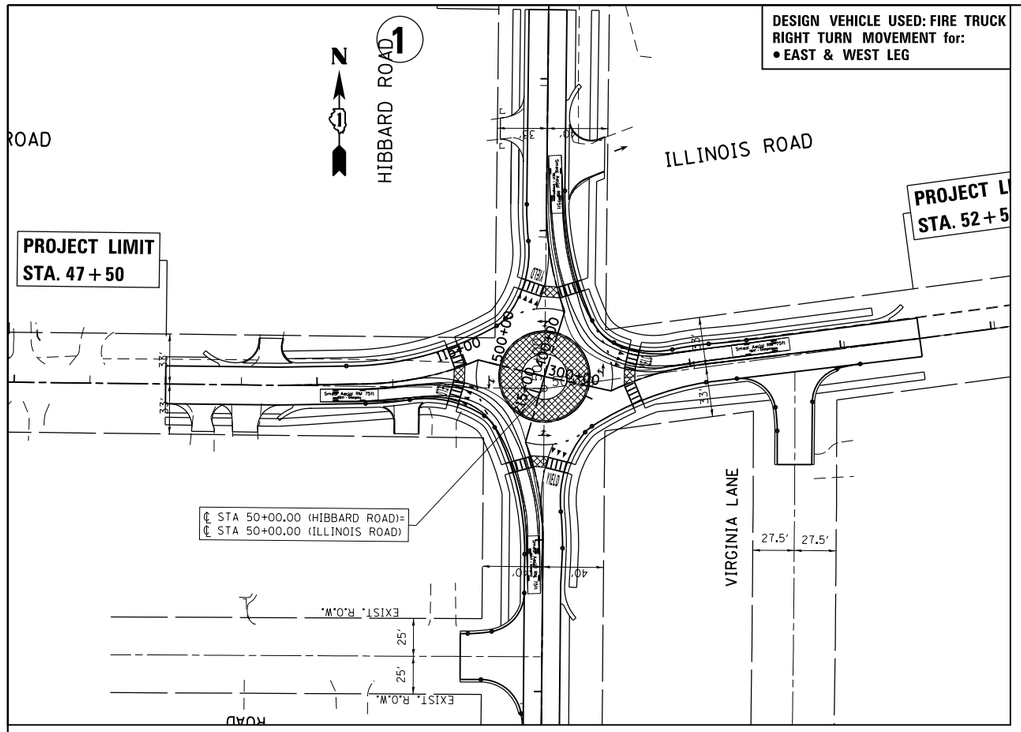

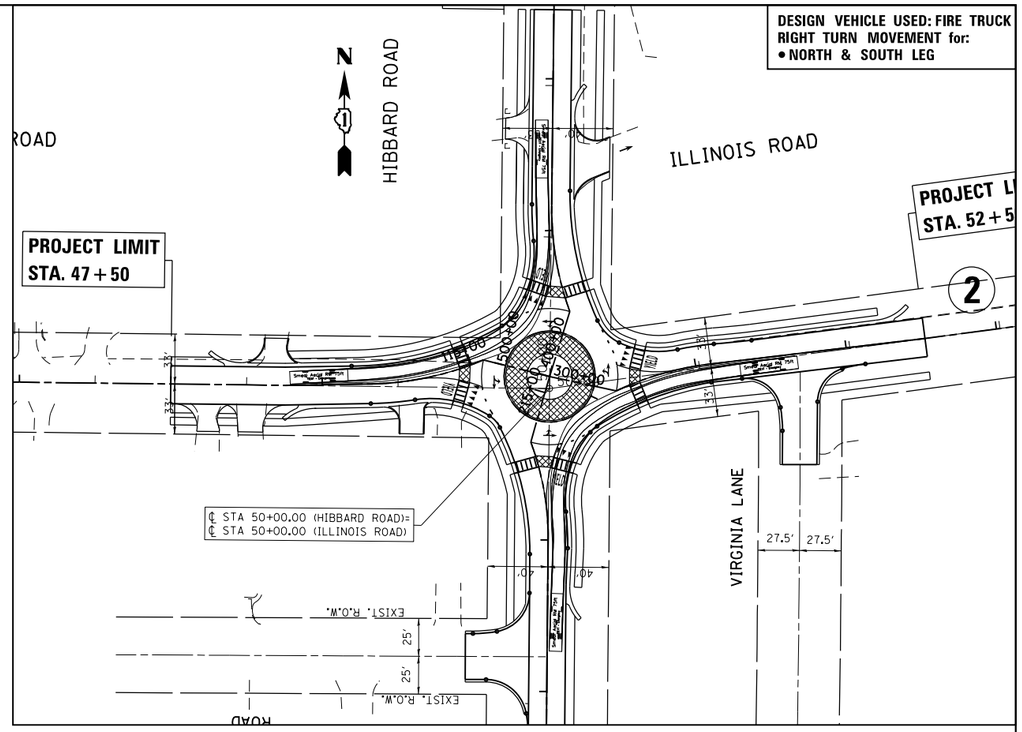

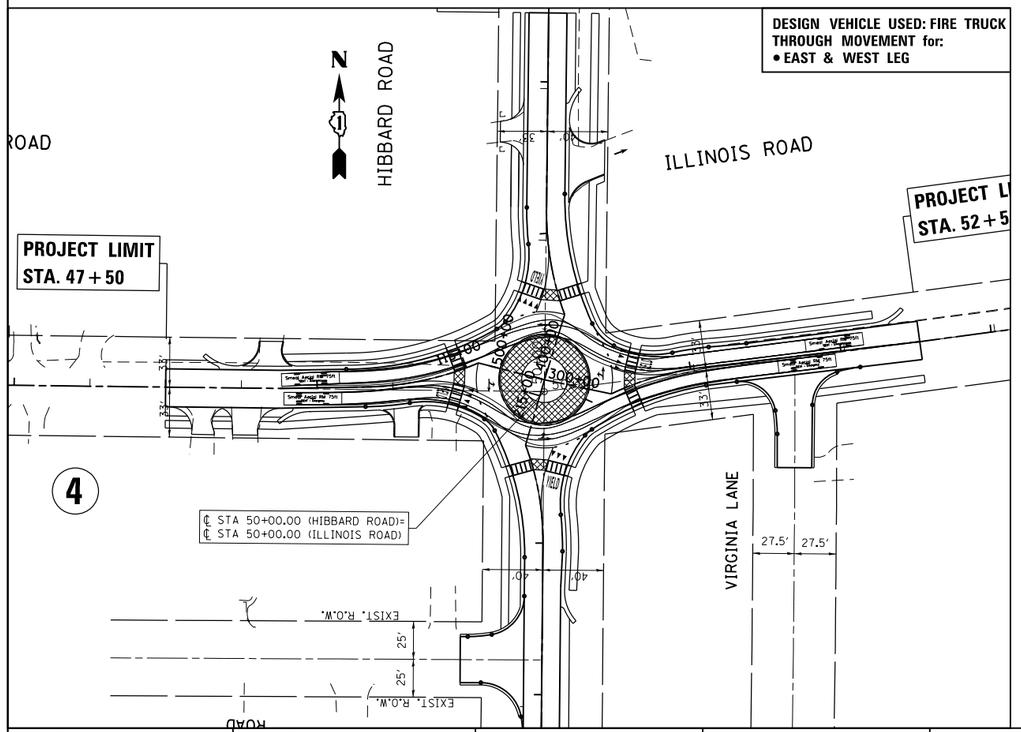

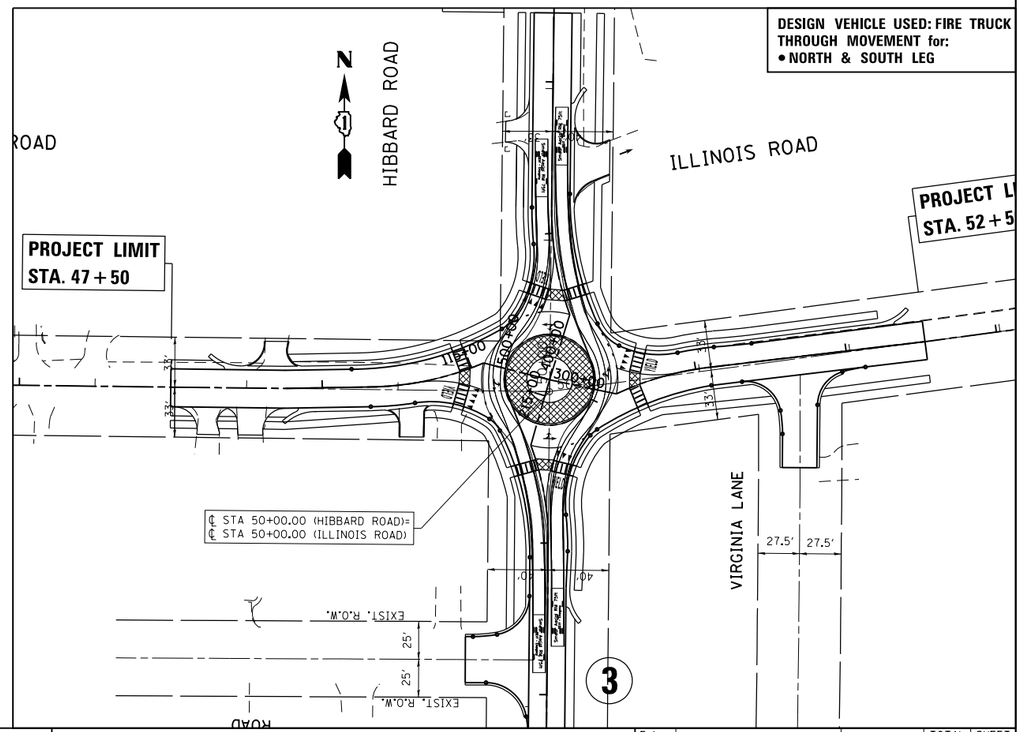

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIBBARD ROAD AT ILLINOIS ROAD (COMPACT RAB)
MOVEMENTS: RIGHT TURNS & THROUGH FOR FIRE TRUCK

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			