

# COUNTY ROAD 510 EXTENSION TO US 41

MARQUETTE COUNTY ROAD COMMISSION (MCRC) &  
NEGAUNEE TOWNSHIP

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## INFORMATIONAL PRESENTATION

DECEMBER 12, 2019 @ 5:00 P.M.

NEGAUNEE TOWNSHIP HALL

*42 M-35*

*NEGAUNEE, MI 49866*



# General Information

- Elimination of a weight limit on the 510 Bridge over the Dead River increased truck traffic throughout this corridor
- CR 510 intersection with CR 502 (Midway Drive) was reconfigured to a “T” intersection for safety improvements along with rehabilitation and widening of the pavement of CR 510 to Hardwood Lane to tie into the rest of the upgraded CR 510
- The proposed CR 510 extension would tie the existing CR 510 directly into US 41 while providing safer access to US 41



# Benefits of the Project

- Reduce truck traffic on CR 502 (Midway Drive) east of CR 510
- Provide safer access to US 41 corridor (Cul-de-Sac on east end of CR 502 (Midway Drive))
- Provide a safer corridor on CR 510 and CR 502 (Midway Drive) for all road users.



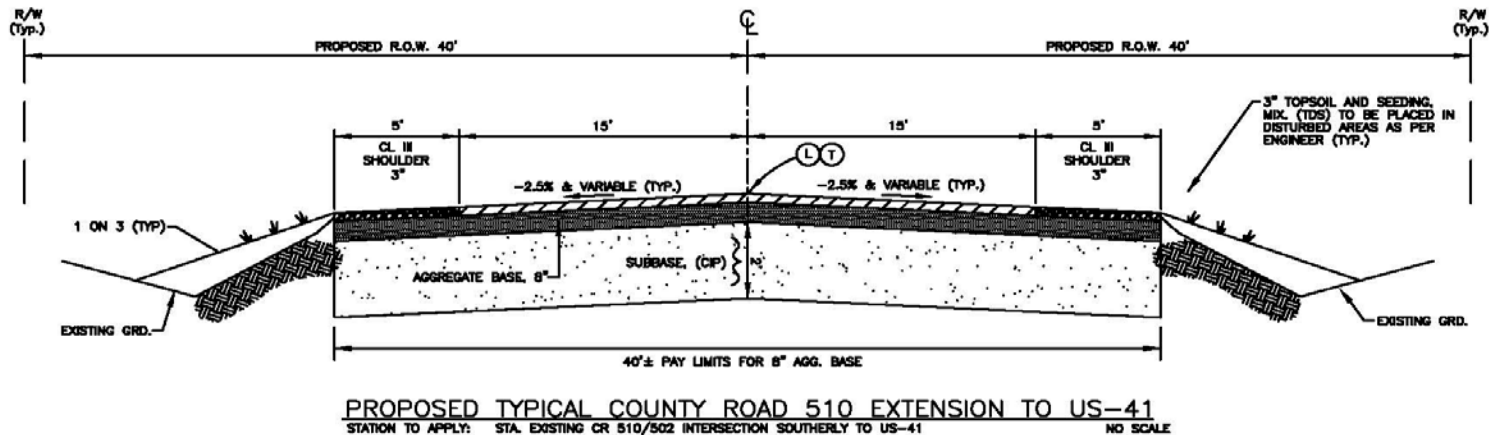
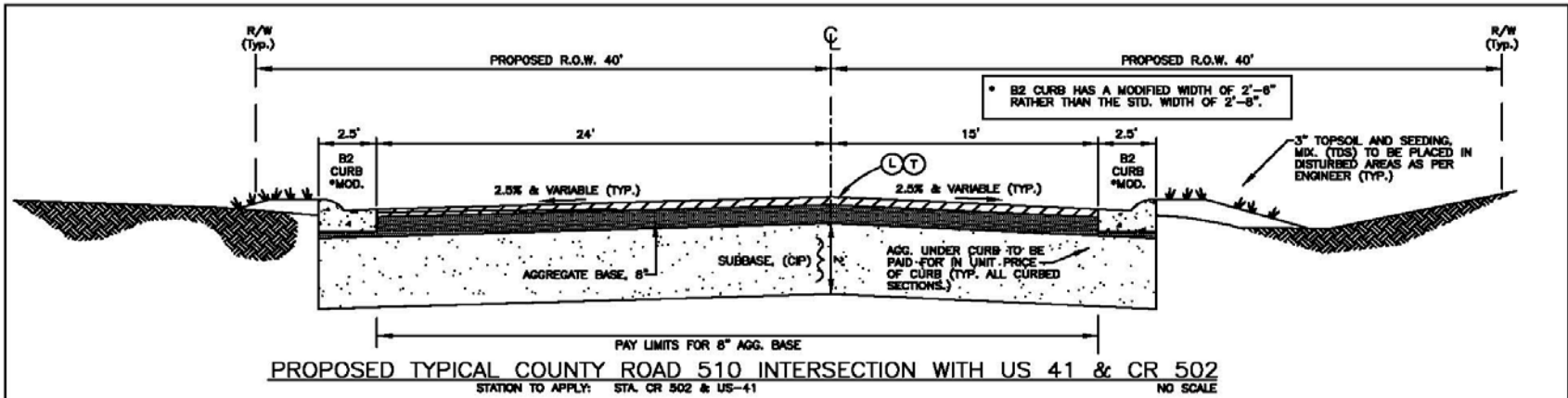
# Right-of-Way

- A minimum of 80 Feet of Right-of-Way will be needed to construct the proposed extension of CR 510 to US 41 to provide a similar road cross section as the rest of CR 510
- Negaunee Township and MCRC will be working together to obtain the required Right-of-Way

# Preliminary Cul-de-Sac on East End of CR 502 (Midway Drive)



# Typical Cross Section








IDENTIFIER	ITEM	RATE/SYD.	PERFORMANCE GRADE	DESCRIPTION
①	HMA, 5E3	165#	58-28	TOP COURSE, AW-260
②	HMA, 4E3	220#	58-28	BASE
	HMA BOND COAT	0.05-0.15 GAL.		FOR INFORMATION ONLY
HMA APPROACHES	HMA, 5E3	220#	58-28	APPROACHES

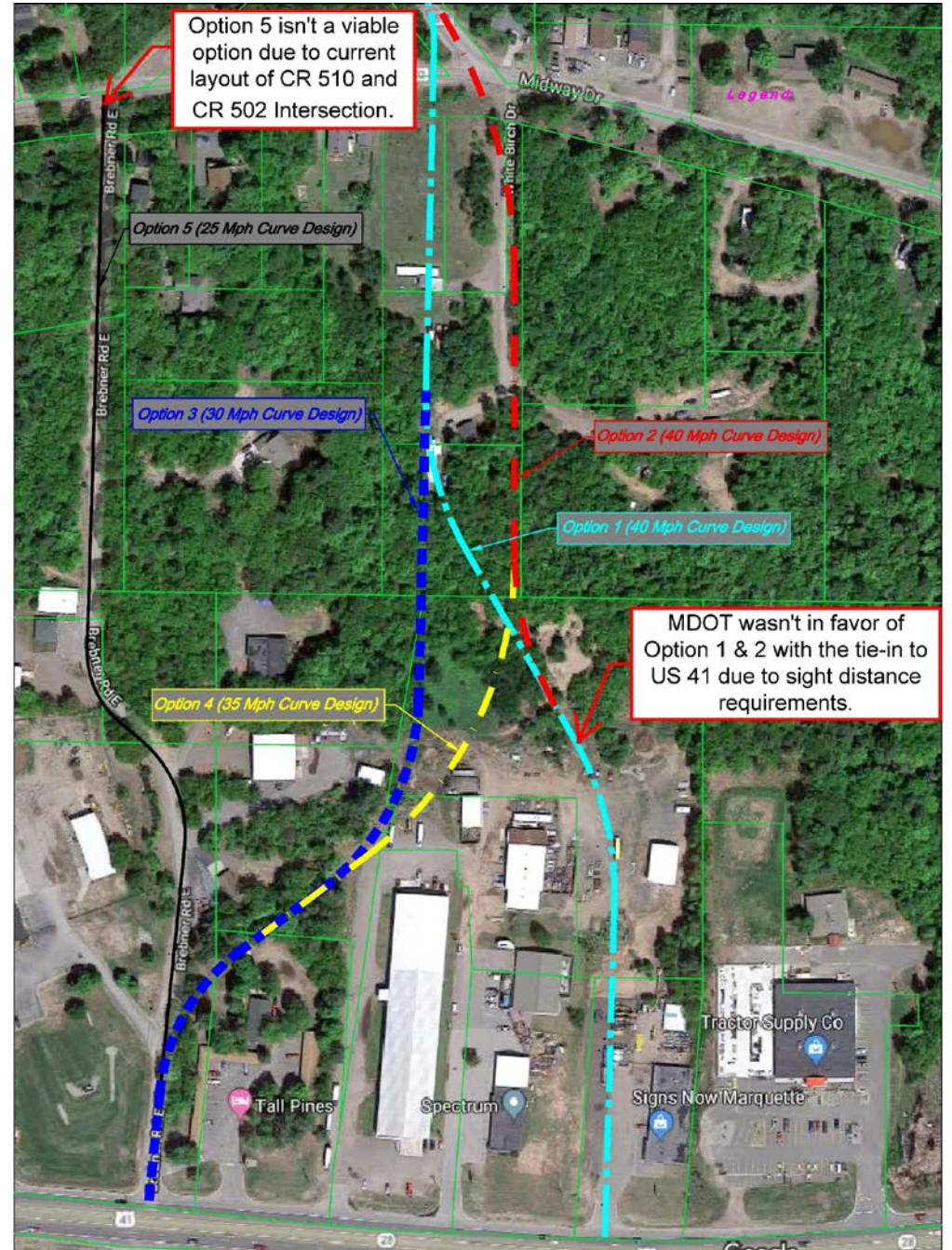
HMA APPLICATION CHART

"PROPOSED"  
TYPICAL CROSS SECTION  
"CO. RD. 510 EXT. TO US-41"  
SECTION TO APPLY: EXISTING CR 510-502 INTERSECTION SOUTHERLY TO US-41.

# Preliminary Centerline Alignments for CR 510 Extension

## Legend

- Option 1 : 
- Option 2 : 
- Option 3 : 
- Option 4 : 
- Option 5 : 



# Projected Costs

- Engineer's Estimate was approximately \$500,000
- MCRC is currently pursuing funding options for construction
  - Category F Grant (All Season Truck Routes) from Transportation Economic Development Fund
    - Max grant amount of \$375,000 with at least 20% Local Match
    - \$125,000 of MCRC funds to meet Local Match (25%)
    - Same grant that funded the construction of CR 510 from Hardwood Lane to CR 502 (Midway Drive)

# Questions?

