

Cold in Place Panel Discussion

- Cory Wale
- Brian Gutowski
- Angela Kline
- Terry Palmer



Saginaw
Road

Fiber Mat
with Ultra
Thin
Overlay
2015



Olson
Road

Crush and
Shape
2016



Salt River Road

Hot in Place
2015

Edge Cracking



Porter Rd Proposed Cold in Place

Poor Road
Inadequate Base
Narrow Shoulders
Tight Budget



Pine River Road Prop Cold in Place

- Very Rough ride
- Thermal Cracks
- Block Cracking
- Variable shoulder width



Emmet County Road Commission



Pleasant
view
Road

Emmet
CRC











Pleasant view
Road

Emmet
CRC





Bay County Road Commission



PROJECT SELECTION

- Safety Grant & Surface Repair (12 total injuries, 2 - "K" & 4-"A")



Poor Road Surface

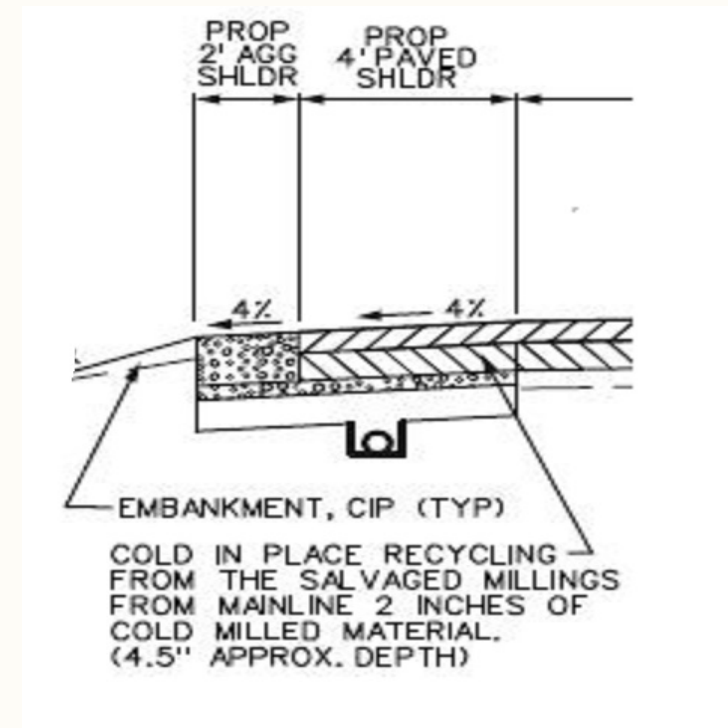
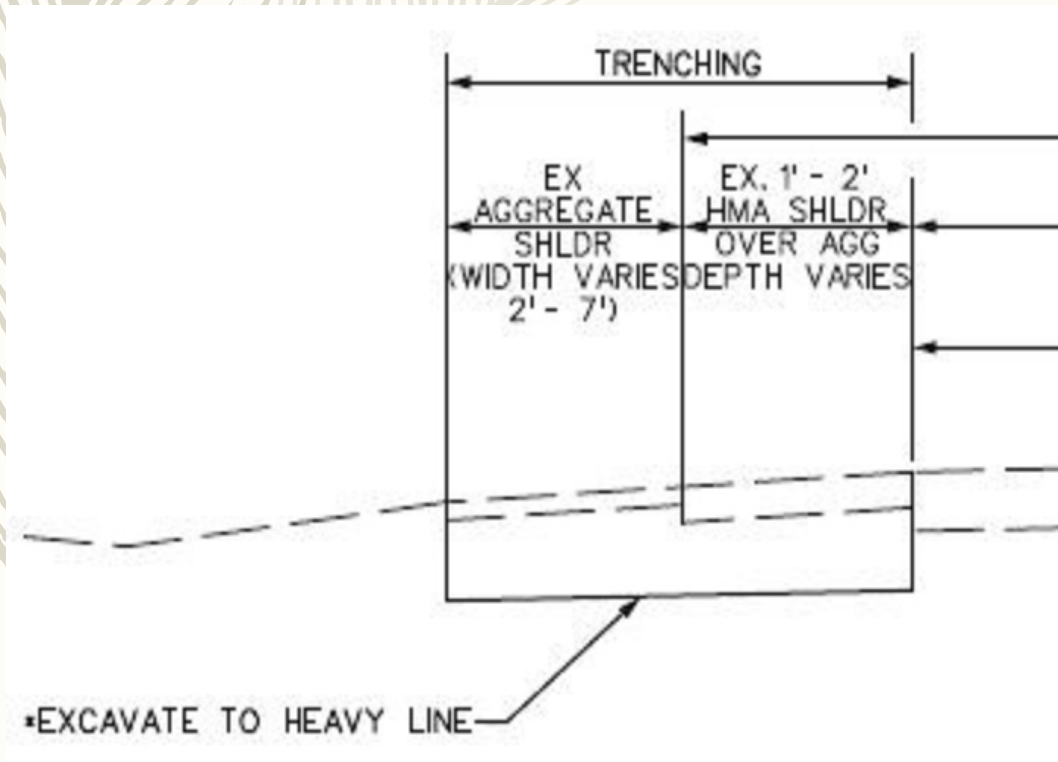
Lack of
Clear zone

Narrow Shoulders

PROJECT SELECTION (CONT.)

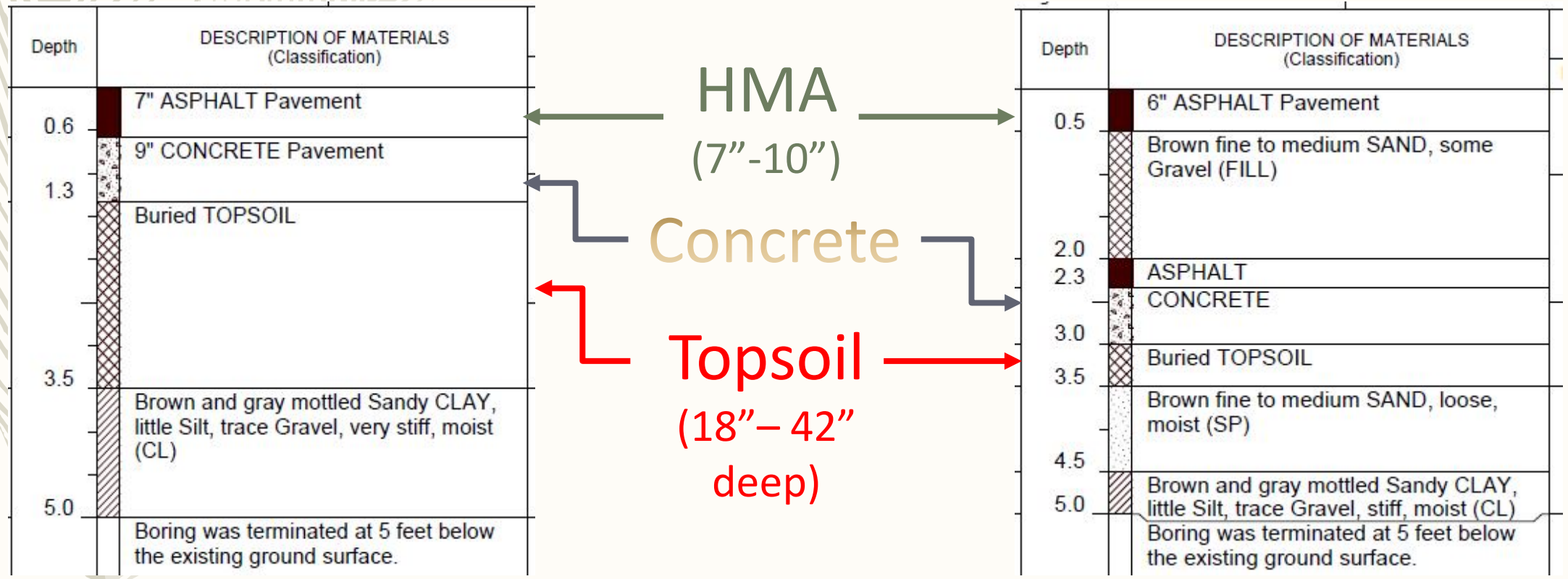
- Safety Grant / Surface Repair
 - 12 total injuries, 2 - "K" & 4-"A"

- Widened Shoulders & CL Corrugations



PROJECT SELECTION (CONT.)

- Concrete Under Road, Topsoil Under Concrete



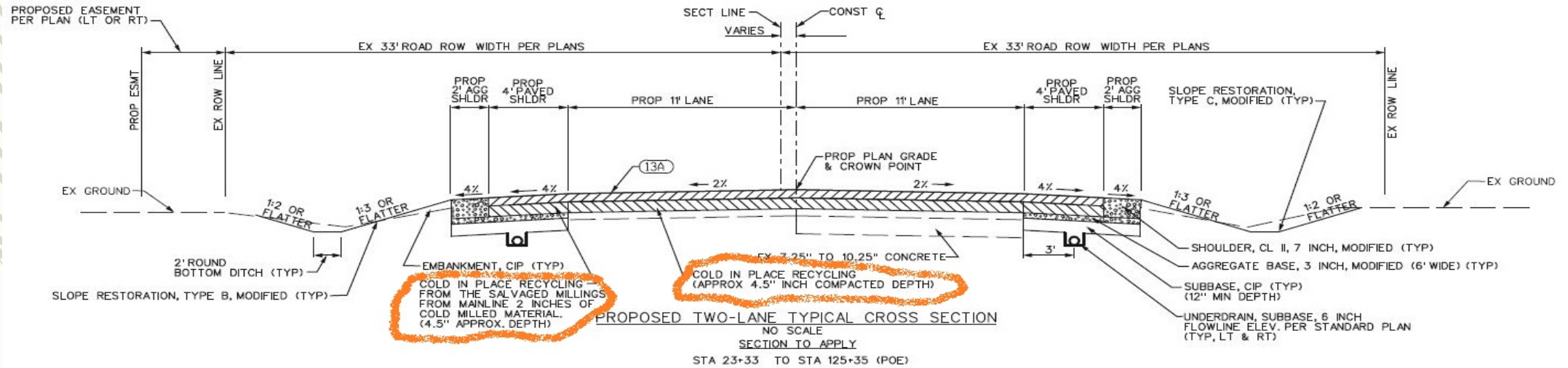
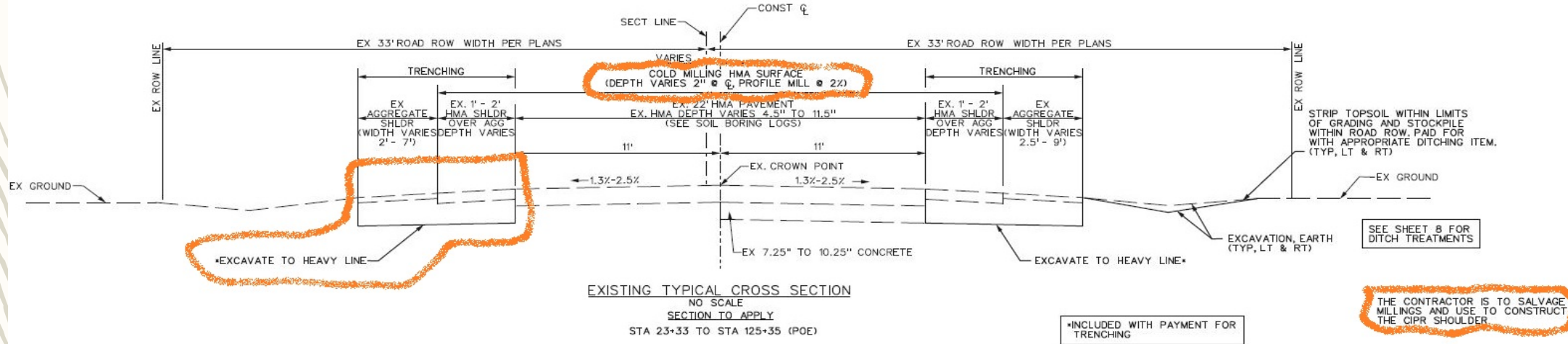
EXISTING CONDITIONS



EXISTING CONDITIONS (CONT.)



EX VS. CIP - CROSS SECTION



CIP RECYCLING



CIP RECYCLING (CONT.)



CIP RECYCLING (CONT.)



FINAL PRODUCT (DAY AFTER)



ing

FINAL PRODUCT (5 YEARS AFTER)



Cold in Place Panel Discussion

– Questions?

