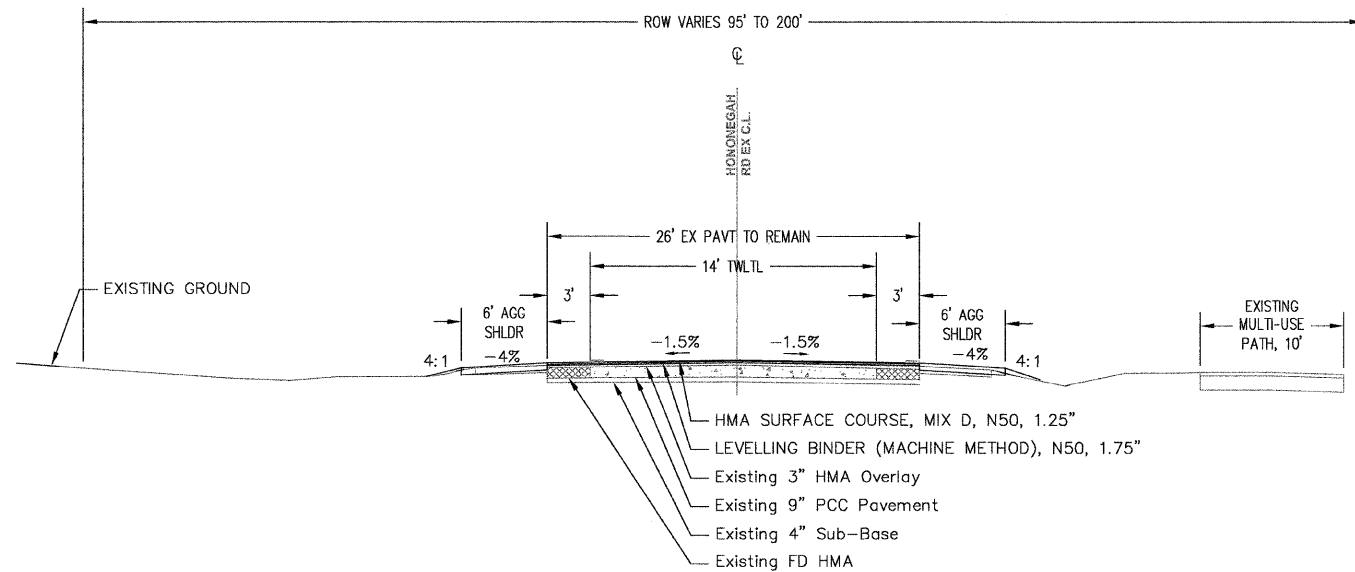


HONONEGAH RD PROPOSED TYPICAL SECTION (RESURFACING)

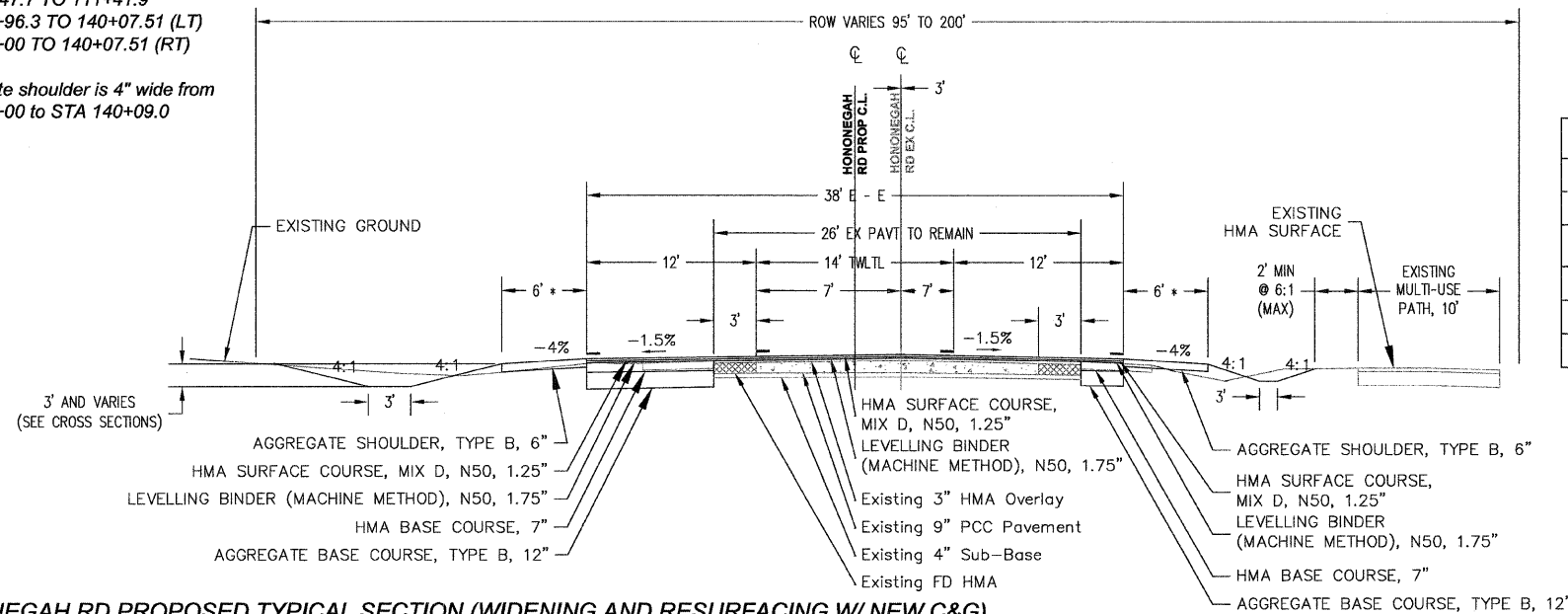
STA. 51+30.6 TO STA. 61+47.7



HONONEGAH RD PROPOSED TYPICAL SECTION (WIDENING AND RESURFACING)

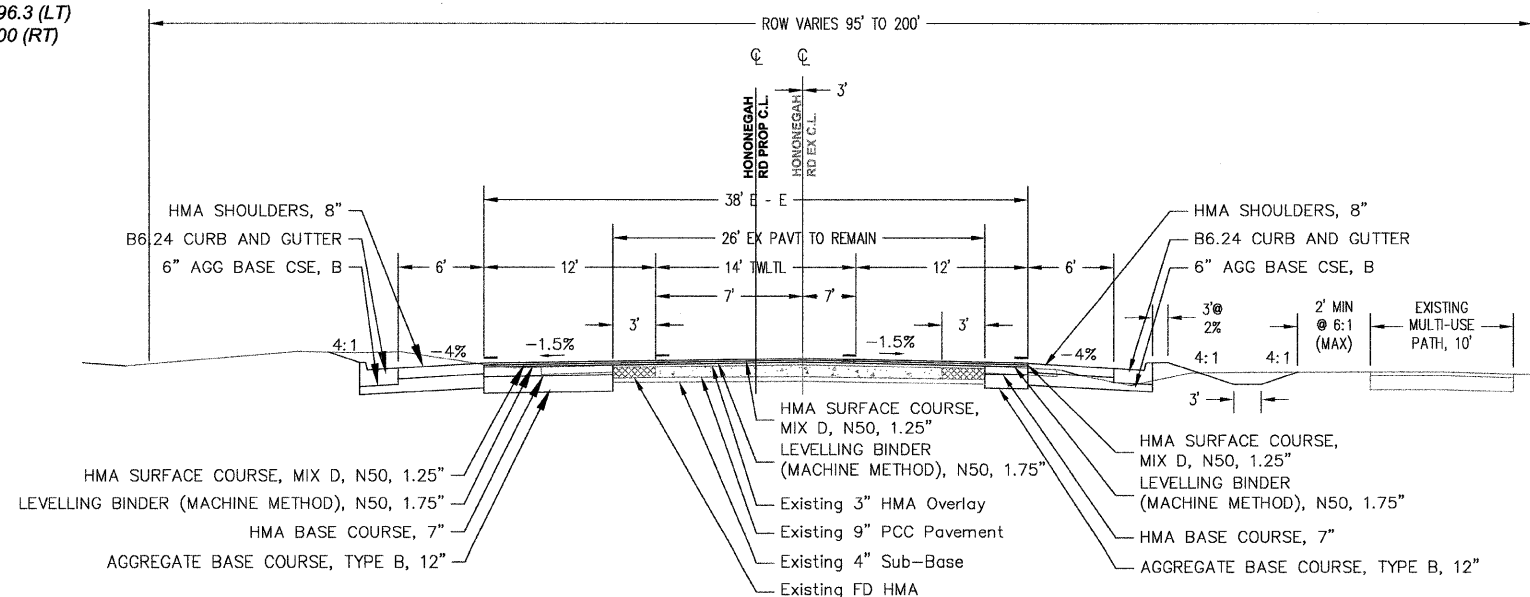
STA. 61+47.7 TO 111+41.9
 STA. 114+96.3 TO 140+07.51 (LT)
 STA. 116+00 TO 140+07.51 (RT)

*Aggregate shoulder is 4" wide from STA 134+00 to STA 140+09.0



HONONEGAH RD PROPOSED TYPICAL SECTION (WIDENING AND RESURFACING W/ NEW C&G)

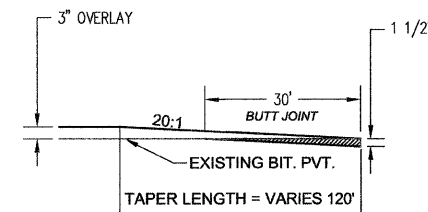
STA. 111+41.9 TO STA. 114+96.3 (LT)
 STA. 111+41.9 TO STA. 116+00 (RT)



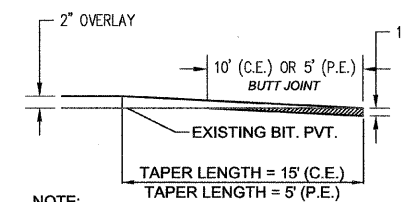
Contract 85516



BUTT JOINT & HOT-MIX ASPHALT TAPER DETAIL (MAINLINE)



BUTT JOINT & HOT-MIX ASPHALT TAPER DETAIL (SIDE - ROADS, CE'S AND PE'S ONLY)



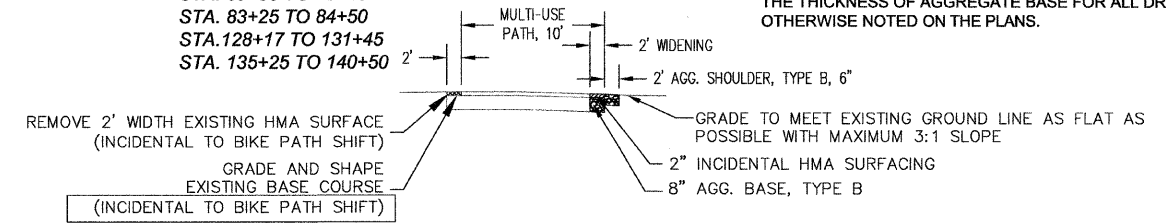
NOTE: CORING OUT THE EXISTING AGGREGATE BASE ON ENTRANCES AND ALL PREPARATION WORK SHALL BE INCIDENTAL TO THE INCIDENTAL HOT-MIX ASPHALT SURFACING PAY ITEM.

THE THICKNESS OF INCIDENTAL HOT-MIX ASPHALT SURFACE FOR ALL DRIVES SHALL BE 2" MINIMUM UNLESS OTHERWISE NOTED ON THE PLANS.

THE THICKNESS OF AGGREGATE BASE FOR ALL DRIVES SHALL BE 6" UNLESS OTHERWISE NOTED ON THE PLANS.

PROPOSED BIKE PATH SHIFT

STA. 63+50 TO 68+85
 STA. 69+85 TO 78+25
 STA. 83+25 TO 84+50
 STA. 128+17 TO 131+45
 STA. 135+25 TO 140+50



HMA MIXTURE CHART

MIXTURE USE (S):	1.25" SURFACE	1.75" LEVEL BINDER	7" BINDER, BASE COURSE	2" TOP SHOULDER	6" BOTTOM SHOULDER
PG:	PG 58-28	PG 58-28	PG 58-28	PG 58-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	3.0% @ N50	2.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5	IL-9.5 OR 12.5	IL-19.0	IL-9.5	BAM OR IL-19.0
FRICTION AGGREGATE:	MIX D	N/A	N/A	MIX C	N/A
20 YEAR ESAL:	VARIES TO 1.0	VARIES TO 1.0	VARIES TO 1.0	N/A	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN			112 LBS / SY / IN	

MIXTURE USE (S):	2" INCIDENTAL HMA SURFACE
PG:	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5
FRICTION AGGREGATE:	N/A
20 YEAR ESAL:	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN

DATE: April 23, 2010	ROUTE: C.H. 8 (Hononegah Road)
CALCULATIONS BY: WCHD	SECTION: 04-00361-00-PV
CHECKED BY:	COUNTY: Winnebago
CLASS II ROADS AND STREETS	LOCATION: John Drive to Checkerberry Drive
LIMITS OF ANALYSIS:	PAVEMENT DESIGN:
STATION 51+30.61 TO	SUBGRADE SUPPORT RATING (SSR):
STATION 143+44.41	Poor (FAIR, POOR, OR GRANULAR)
LENGTH: 9,213.80 FT 1.75 MILES	FLEXIBLE TRAFFIC FACTOR: 1.0
STRUCTURAL DESIGN TRAFFIC:	SELECTED DESIGN PG BINDER: PG 58-28
ADT 12,950 (YR 2020)	DESIGN PAVEMENT HMA TEMP.: 76 °F
PV 12,393	DESIGN HMA MODULUS (E_{AC}): 550 ksi
SU 427	DESIGN HMA MICROSTRAIN: 110
MU 130	PAVEMENT THICKNESS: 10 in
	SUBGRADE: Undercut as determined in the field.
	COMMENTS: Skid Resistance Mix D