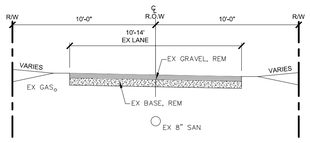
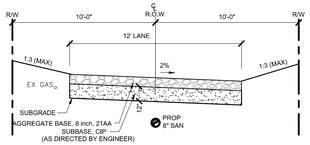
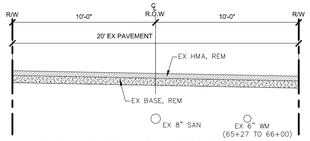


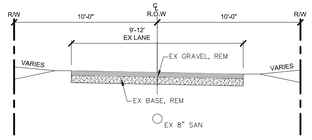
TYPICAL EXISTING CROSS SECTION - ALLEY
STA 60+00 (POB) TO STA 64+64
SCALE: NONE



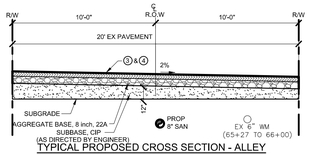
TYPICAL PROPOSED CROSS SECTION - ALLEY
STA 60+60 TO STA 64+40
SCALE: NONE



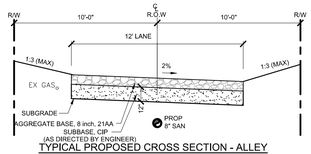
TYPICAL EXISTING CROSS SECTION - ALLEY
STA 65+27 TO STA 66+55
SCALE: NONE



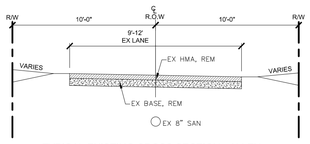
TYPICAL EXISTING CROSS SECTION - ALLEY
STA 66+55 TO STA 69+30
SCALE: NONE



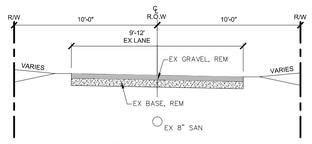
TYPICAL PROPOSED CROSS SECTION - ALLEY
STA 65+27 TO STA 66+55
SCALE: NONE



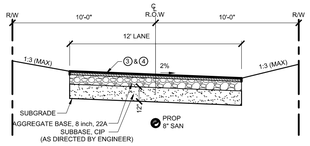
TYPICAL PROPOSED CROSS SECTION - ALLEY
STA 66+55 TO STA 69+30
SCALE: NONE



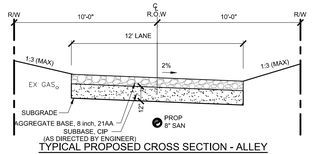
TYPICAL EXISTING CROSS SECTION - ALLEY
STA 69+92 TO STA 71+33
SCALE: NONE



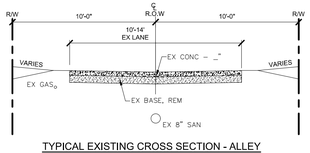
TYPICAL EXISTING CROSS SECTION - ALLEY
STA 71+33 TO STA 73+94
SCALE: NONE



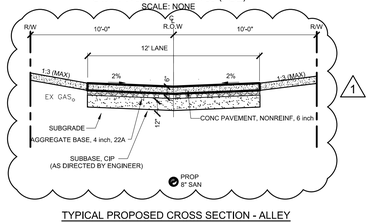
TYPICAL PROPOSED CROSS SECTION - ALLEY
STA 69+92 TO STA 71+33
SCALE: NONE



TYPICAL PROPOSED CROSS SECTION - ALLEY
STA 71+33 TO STA 73+94
SCALE: NONE



TYPICAL EXISTING CROSS SECTION - ALLEY
STA 74+58 TO STA 76+63 (POE)
SCALE: NONE



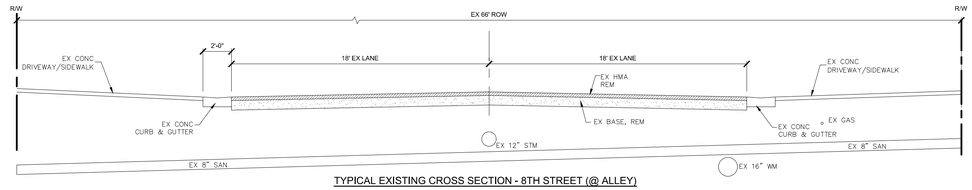
TYPICAL PROPOSED CROSS SECTION - ALLEY
STA 74+58 TO STA 76+63 (POE)
SCALE: NONE

NOTE: CONTRACTOR WILL SUBMIT A CONCRETE JOINT LAYOUT PLAN FOR ENGINEER APPROVAL PRIOR TO ROADWAY CONTSTRUCTION.

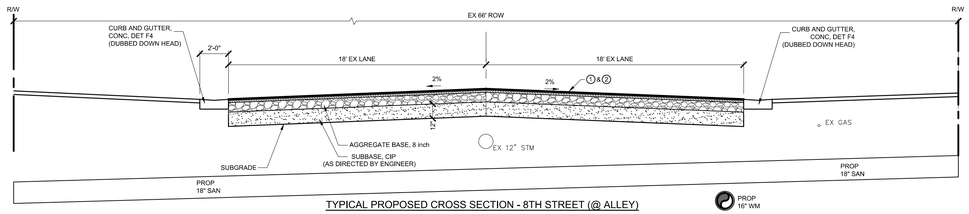
HMA APPLICATION TABLE

COURSE	TYPE	ITEM	EST. YIELD	BINDER GRADE	AWI	REMARKS
①	LEVELING	HMA, LVSP	220 LBS/SYD	PG 58-28	-	ROADWAY
②	SURFACE	HMA, LVSP	220 LBS/SYD	PG 58-28	-	ROADWAY
③	LEVELING	HMA, LVSP	165 LBS/SYD	PG 58-28	220	ALLEY
④	SURFACE	HMA, LVSP	165 LBS/SYD	PG 58-28	-	ALLEY
-	DRIVEWAY	HMA,36A	330 LBS/SYD	PG 58-28	-	PLACE IN TWO 1.5" (165 LBS/SYD) LIFTS

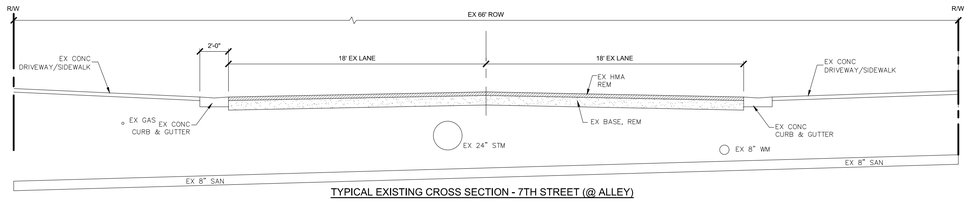
NOTE: BOND COAT SHALL BE APPLIED BETWEEN SUCCESSIVE COURSES OF HMA (PAYMENT INCLUDED IN HMA MIX).
APPLICATION RATE 0.05 - 0.15 GAL/SYD SS-IH, AS DIRECTED BY ENGINEER.



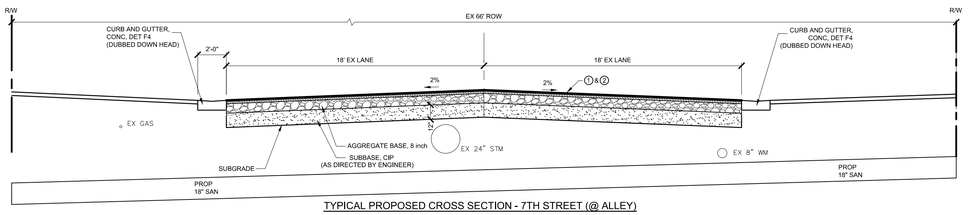
TYPICAL EXISTING CROSS SECTION - 8TH STREET (@ ALLEY)
SCALE: NONE



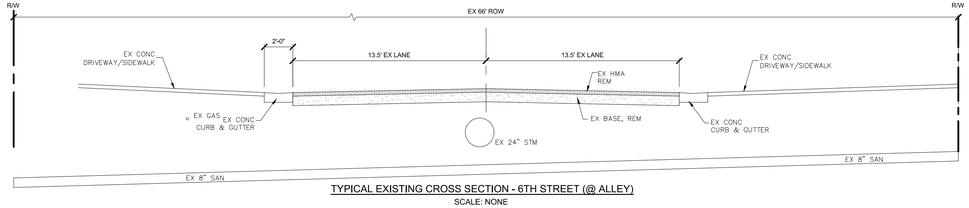
TYPICAL PROPOSED CROSS SECTION - 8TH STREET (@ ALLEY)
SCALE: NONE



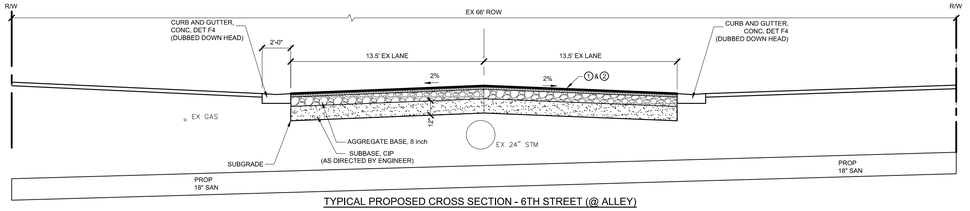
TYPICAL EXISTING CROSS SECTION - 7TH STREET (@ ALLEY)
SCALE: NONE



TYPICAL PROPOSED CROSS SECTION - 7TH STREET (@ ALLEY)
SCALE: NONE



TYPICAL EXISTING CROSS SECTION - 6TH STREET (@ ALLEY)
SCALE: NONE



TYPICAL PROPOSED CROSS SECTION - 6TH STREET (@ ALLEY)
SCALE: NONE

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ADDENDUM NO. 2 - REM LN. TIES IN CONC PAVT 06/18/2019 BSR

REVISION:

CITY OF MUSKEGON
9th STREET AREA
SANITARY SEWER IMPROVEMENTS
CROSS SECTIONS

DESIGN TEAM: BSR
CHECK BY:

DRAWING INFORMATION:
837930_9th_XSECS-2_D3
061819 brianri

MAY 2019

F&V PROJECT NO.
837930

D3

M:\Proj\837001 - 838000\837930 Muskegon - 9th St & Getty St SWF Projects 2018\Civil\Pins\837930_9th_XSECS-2_D3.dwg - 6/18/19