2021 56th Street
IMPROVEMENTS PROJECT
HAUGHEY AVE TO DIVISION AVE

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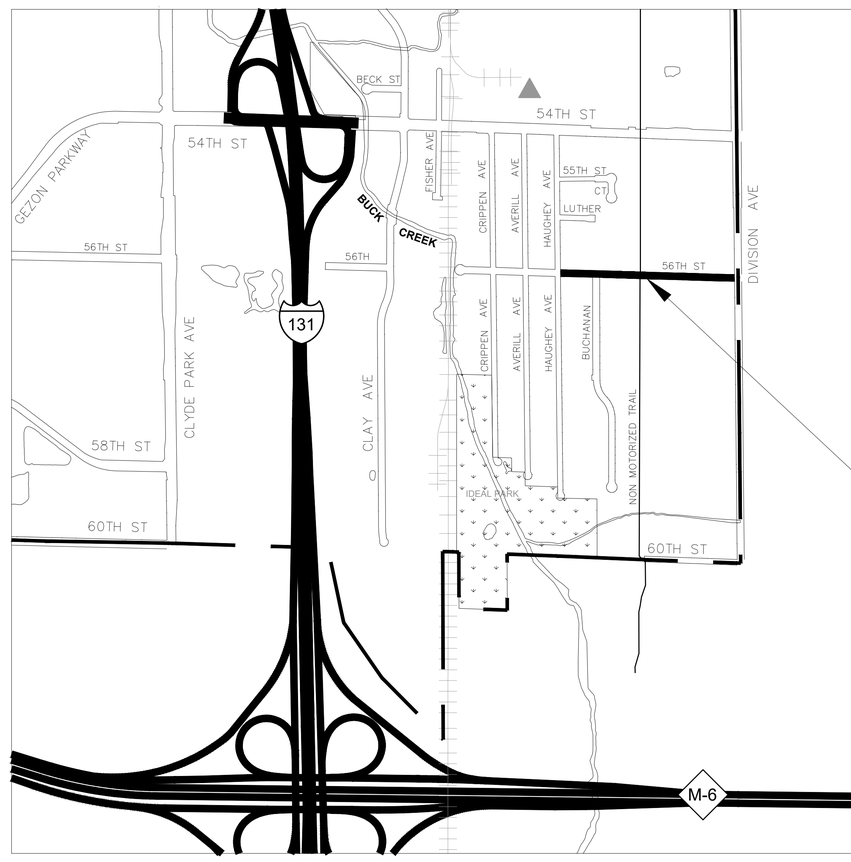


PROJECT LOCATION

ELECTRIC:
CONSUMERS ENERGY
4000 CLAY AVE. SW
PO BOX 201
GRAND RAPIDS, MI 49501-0201
CONTACT: JIM MIXTER
PHONE: 616-530-4115

GAS:
DTE ENERGY
444 WEALTHY ST
GRAND RAPIDS, MI 49503
CONTACT: ANDRE DIAZ
PHONE: 616-632-2631

WATER AND SEWER:
CITY OF WYOMING ENG. DEPT.
2660 BURLINGAME AVE. SW
WYOMING, MI 49509
PHONE: 616-530-7254

AT&T:
955 36TH ST SE
GRAND RAPIDS, MI 49508
CONTACT: CHAD VANTIL
PHONE: 616-392-9968

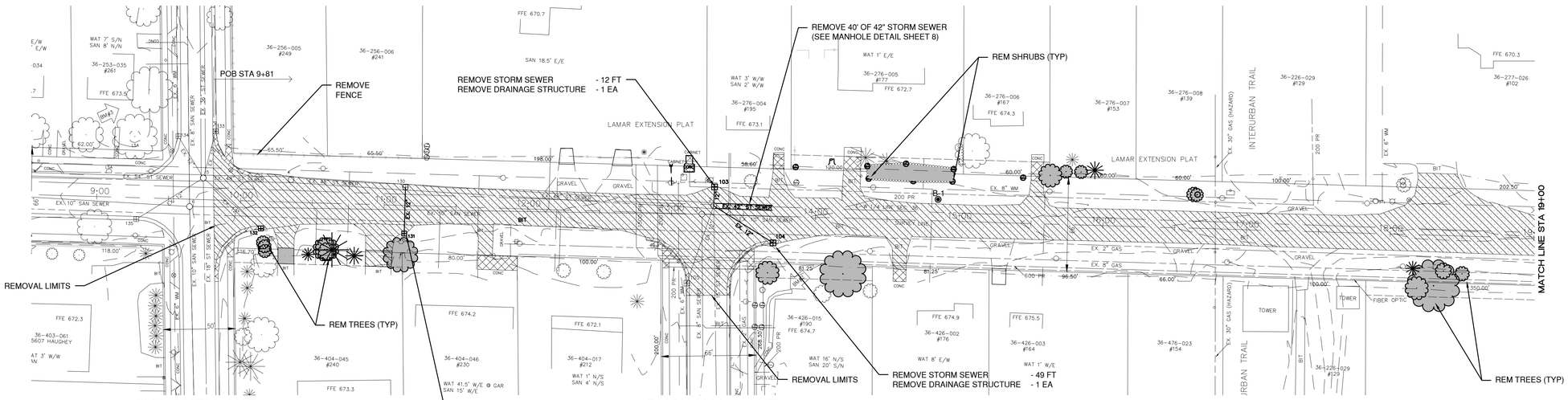
COMCAST:
955 CENTURY AVE SW
GRAND RAPIDS MI, 49503
PHONE: 1-800-934-6489

GENERAL NOTES

EXCEPT WHERE NOTED ON THESE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH BOTH THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2012 EDITION AND THE CURRENT CITY OF WYOMING STANDARD CONSTRUCTION SPECIFICATIONS.

WYOMING MICHIGAN
CITY OF VISION AND PROGRESS

JULY 2021



WITNESSES

℄ "X" 56TH ST. AND BUCHANAN AVE.:
STA. 13+22.63 OFFSET 0.0'
UTILITY POLE S50°W – 43.65'
UTILITY POLE N56°W – 27.30'
UTILITY POLE S74°E – 120.14'

BENCHMARKS

BM# 2 672.13'
NW CORNER OF BOTTOM STEP HOUSE #190
56TH ST.
STA. 13+82 60.2' (R)

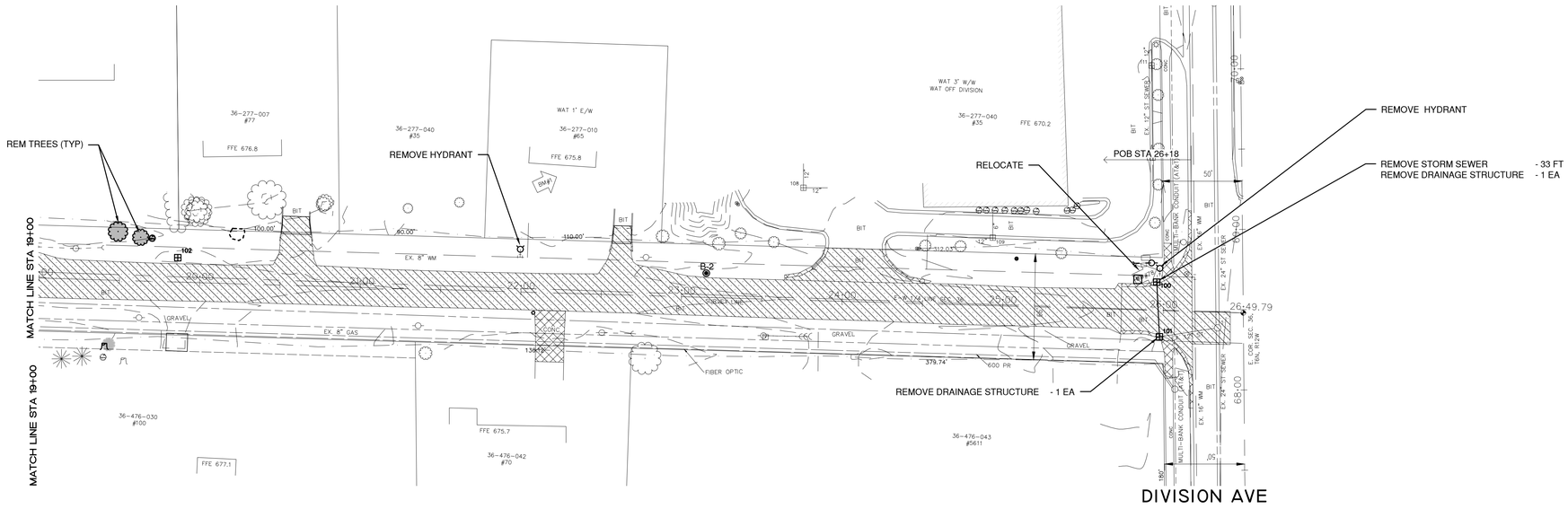
N

LEGEND

- REMOVE AND REPLACE CURB AND GUTTER
- REMOVE CONCRETE SIDEWALK, CONCRETE DRIVE APPROACH & MISCELLANEOUS CONCRETE
- REMOVE PAVEMENT

QUANTITIES

DESCRIPTION	QUANTITY	UNITS
REMOVE TREES 8" TO 18"	6	Ea
REMOVE TREES 19" TO 36"	2	Ea
REMOVE STUMPS 19" TO 36"	1	Ea
REMOVE CURB AND GUTTER	890	Ft
REMOVE SIDEWALK	62	Syd
REMOVE PAVEMENT	5845	Syd
REMOVE EX VALVE AND BOX	2	Ea
REMOVE EX HYDRANT	2	Ea
REMOVE CONCRETE	150	Syd
REMOVE EX SEWER	167	Ft
REMOVE EX COVER AND CASTINGS	2	Ea
REMOVE EX DRAINAGE STRUCTURE	7	Ea



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171

DATE	REVISIONS	BY

SURVEYED BY:
mbn
meyers, bueche & nies, inc.
civil engineers/surveyors
1638 leonard st. n.w.
grand rapids, mi 49504
616-457-5030

CITY OF WYOMING
ENGINEERING DEPARTMENT
WYOMING, MICHIGAN

56TH STREET IMPROVEMENTS

IN 56TH STREET
FROM HAUGHEY AVE.
TO 550' EAST OF BUCHANAN AVE.

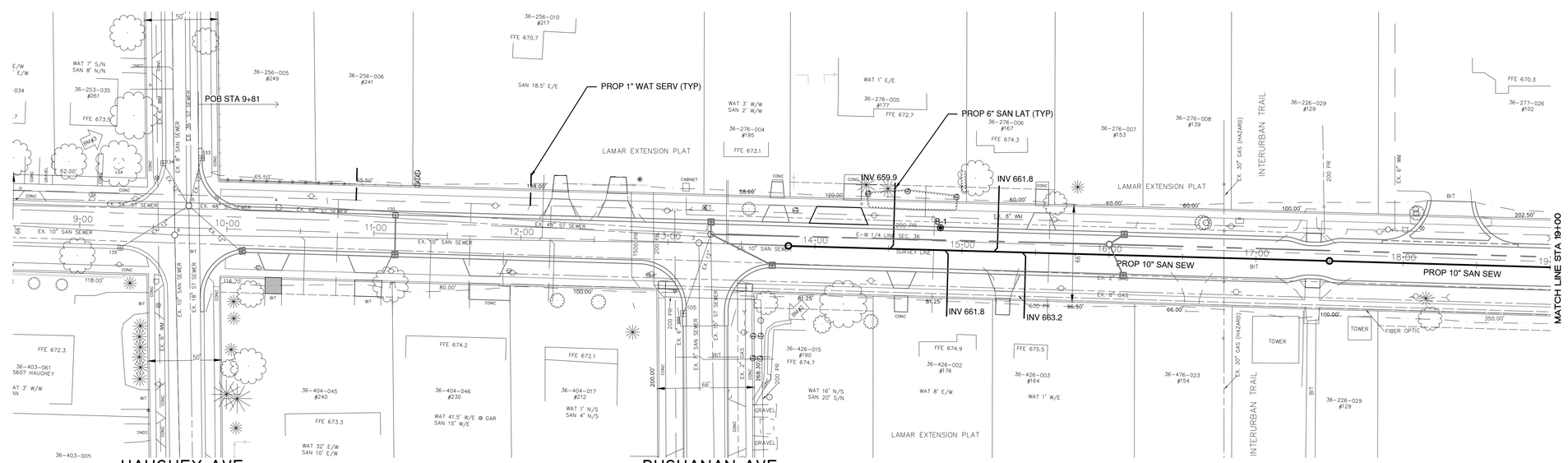
SCALE: VERT. 1" = 5'
HORIZ. 1" = 40'

ELECTRIC | GAS | TELEPHONE | CABLE TV

SYSTEM NO.
SA. NO.
DRAWN BY KJM
DESIGNED BY MM
CHECKED BY JJO
NW 1/4 SEC. NO. 33
DATE DRAWN JUNE 2021

CITY MANAGER
CITY ENGINEER
DESIGN ENGINEER

FILE NO.



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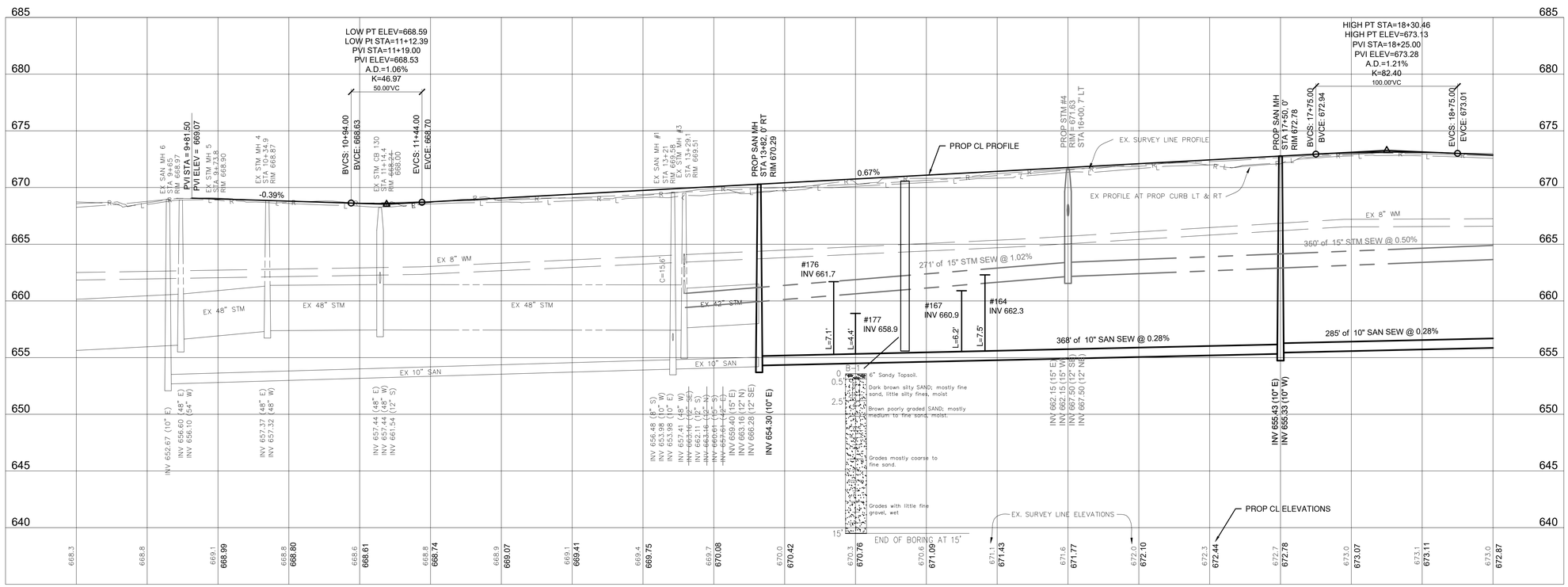
BENCHMARKS

BM# 2 672.13'
NW CORNER OF BOTTOM STEP HOUSE #190
56TH ST.
STA. 13+82 60.2' (R)

N

QUANTITIES

DESCRIPTION	QUANTITY	UNITS
COVER AND CASTING	2	Ea
BULKHEAD EX SEWER PIPE	1	Ea
SANITARY SEWER 10" (14' - 25' DEPTH)	518	Ft
SANITARY SEWER MANHOLE 4' DIA (OVER 14' DEPTH)	3	Ea
6" WYE ON 10" SANITARY SEWER	4	Ea
6" SANITARY LATERAL	4	Ea
1" WATER SERVICE, SHORT SIDE	2	Ea



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CHECKED BY JJO
NW 1/4 SEC. NO. 33
DATE DRAWN JUNE 2021

CITY MANAGER
CITY ENGINEER
DESIGN ENGINEER

FILE NO.

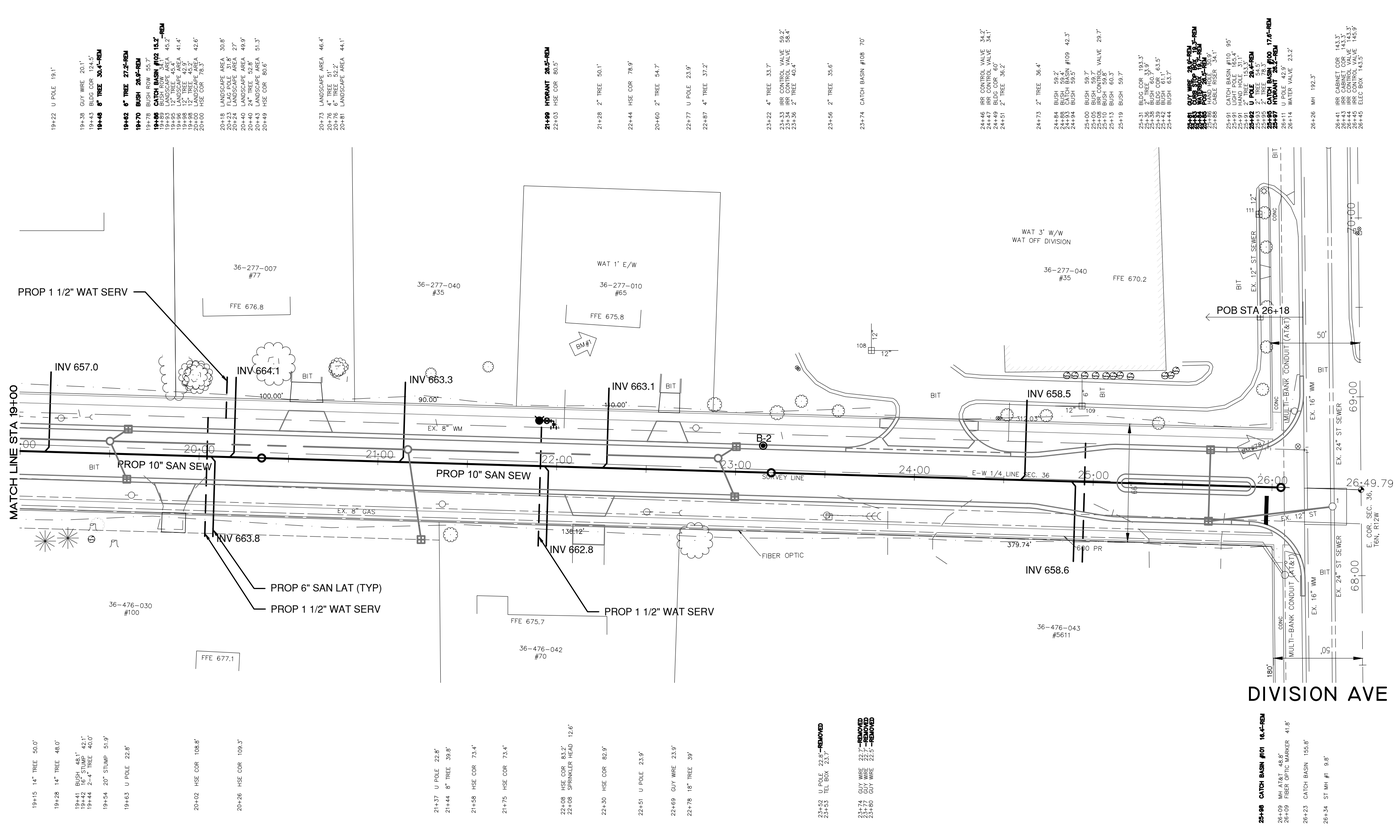
WITNESSES

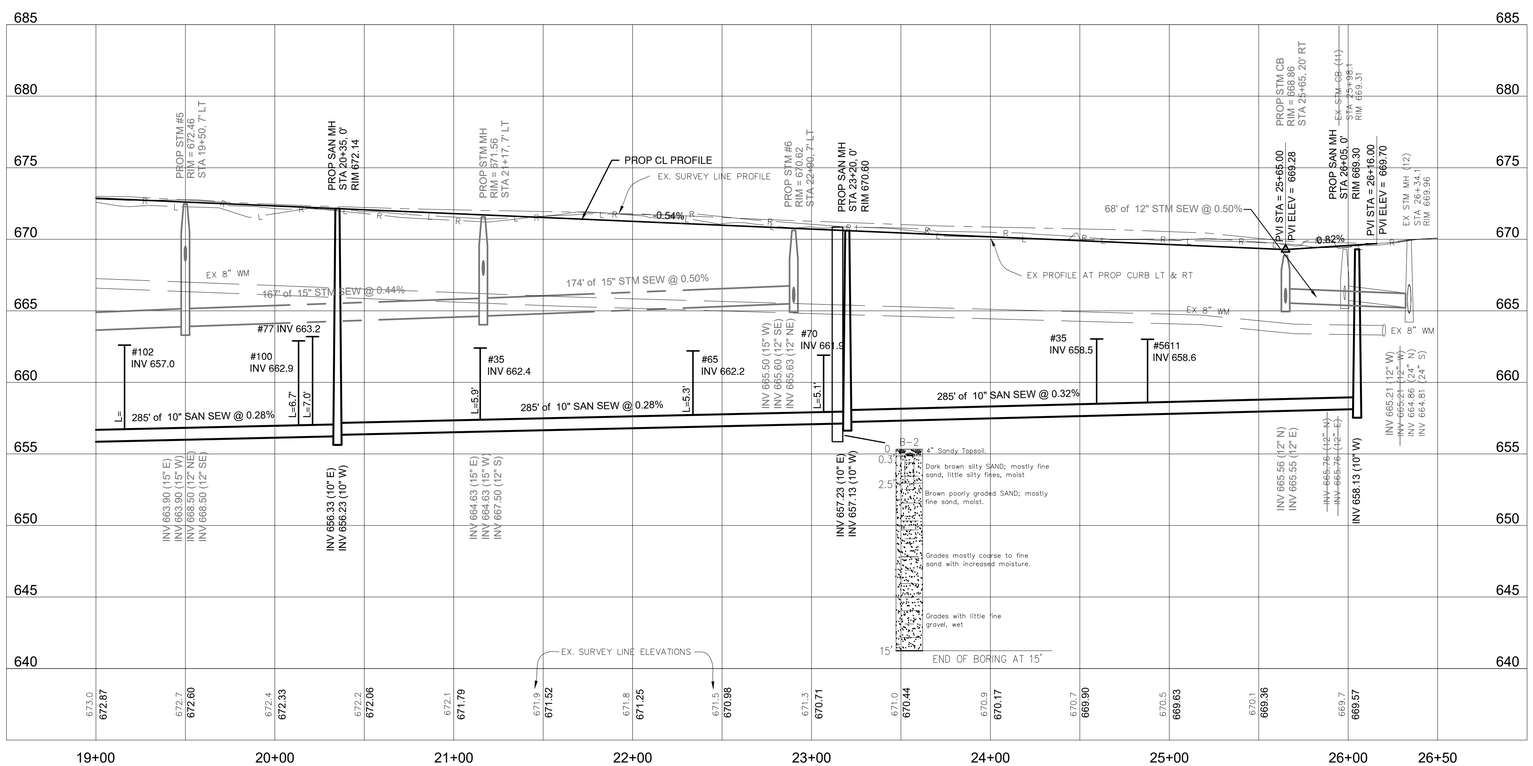
@ "X" 56TH ST. AND DIVISION AVE.:
STA. 26+50.34 OFFSET 0.0'
UTILITY POLE N40°W – 57.61'
UTILITY POLE N46°W – 64.98'
CABLE FIBER OPTIC MARKER S45°W – 58.45'

BENCHMARKS

BM# 1 674.39'
SW CORNER OF BOTTOM STEP HOUSE #65 56TH ST.
STA. 22+22 71.0' (LT)

N





QUANTITIES

DESCRIPTION	QUANTITY	UNITS
COVER AND CASTING	3	Ea
SANITARY SEWER 10" (14' - 25' DEPTH)	705	Ft
SANITARY SEWER MANHOLE 4' DIA (OVER 14' DEPTH)	2	Ea
6" WYE ON 10" SANITARY SEWER	8	Ea
6" SANITARY LATERAL	8	Ea
1.5" WATER SERVICE, LONG SIDE	3	Ea
1.5" WATER SERVICE, SHORT SIDE	1	Ea

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CITY OF WYOMING
ENGINEERING DEPARTMENT
WYOMING, MICHIGAN

IN 56TH STREET
FROM 550' EAST OF BUCHANAN AVE.
TO DIVISION AVE.

SCALE: VERT. 1" = 5'
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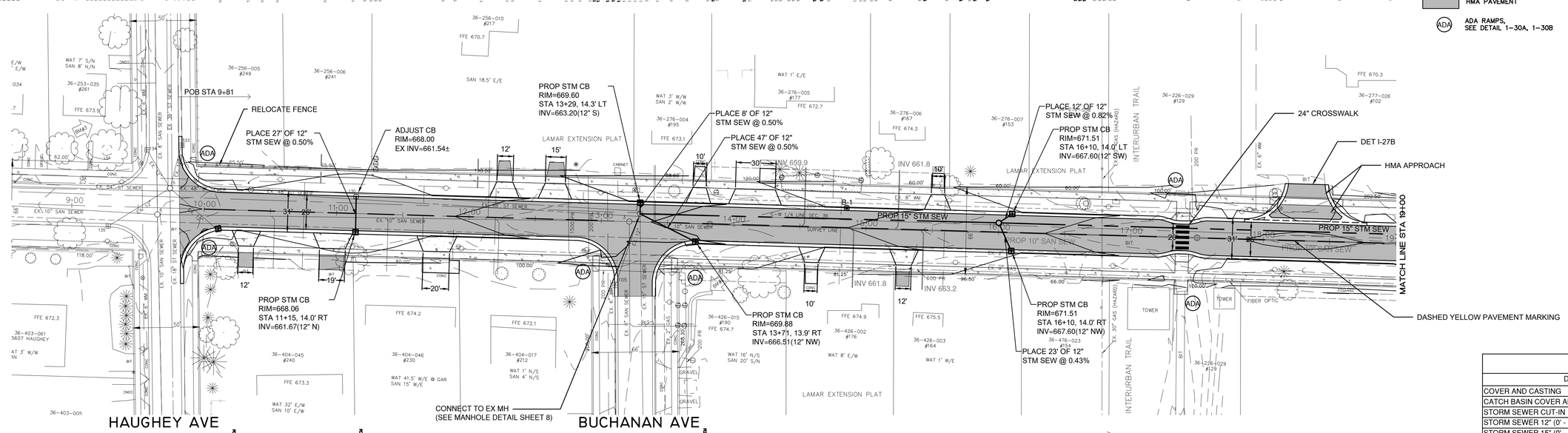

LEGEND

- PROPOSED CURB AND GUTTER & AS DIRECTED BY ENGINEER
- CONCRETE SIDEWALK, CONCRETE DRIVE APPROACH & MISCELLANEOUS CONCRETE
- HMA PAVEMENT
- ADA RAMPS, SEE DETAIL 1-30A, 1-30B

WITNESSES

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STA. 13+22.63 OFFSET 0.0'
UTILITY POLE S50°W – 43.65'
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BENCHMARKS

BM# 2 672.13'
NW CORNER OF BOTTOM STEP HOUSE #190
56TH ST.
STA. 13+82 60.2' (R)

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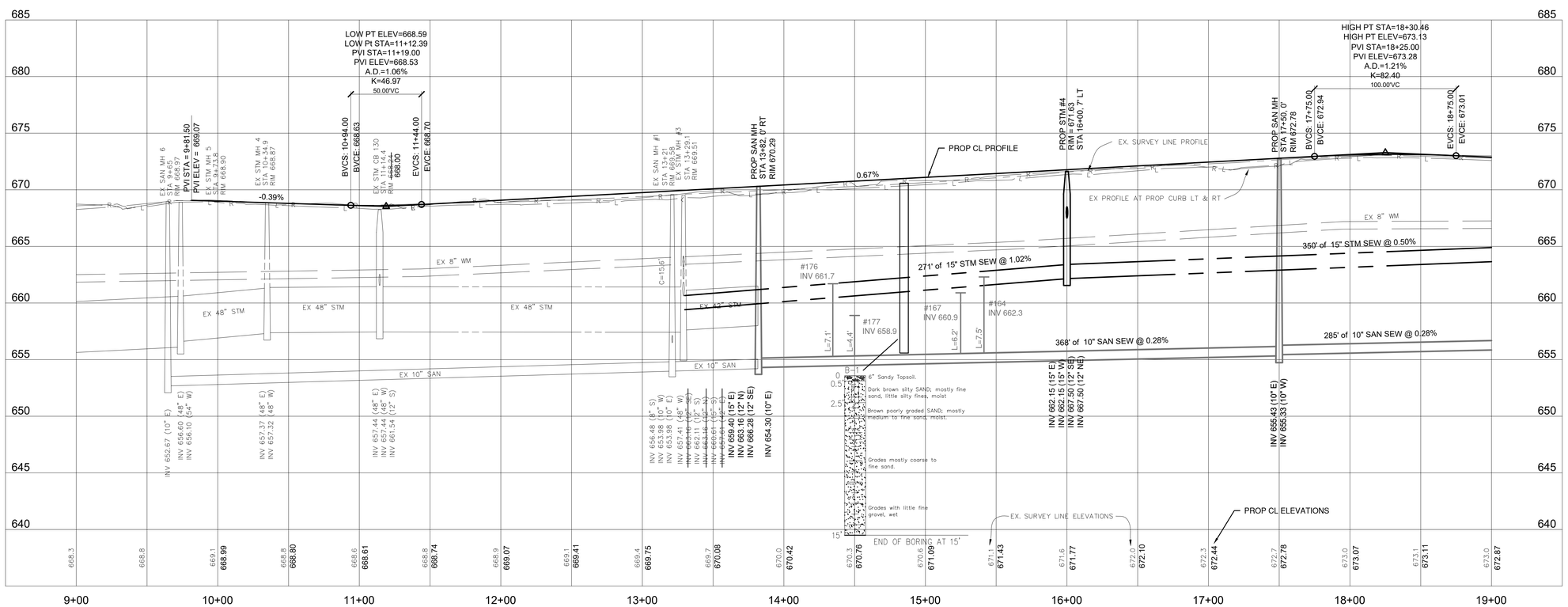
QUANTITIES

DESCRIPTION	QUANTITY	UNITS
COVER AND CASTING	3	Ea
CATCH BASIN COVER AND CASTING	6	Ea
STORM SEWER CUT-IN 12" TO EX DRAINAGE STRUCTURE	1	Ea
STORM SEWER 12" (0' - 14' DEPTH)	117	Ft
STORM SEWER 15" (0' - 14' DEPTH)	421	Ft
DRAINAGE STRUCTURE 4' DIA (0' - 14' DEPTH)	7	Ea
MISCELLANEOUS GRAVEL	208	Cyd
STREET GRADE	919	Ft
6" AGGREGATE BASE (CIP)	3165	Syd
SIDEWALK RAMP, ADA	350	Sft
DETECTABLE WARNING PLATES	44	Ft
CONCRETE GUTTER, 48"	94	Ft
CONCRETE CURB AND GUTTER, 30"	2015	Ft
CONCRETE SIDEWALK, 4"	9215	Sft
CONCRETE SIDEWALK, 8"	185	Sft
CONCRETE PAVEMENT NON REINFORCED, 4"	345	Syd
ADJUST CASTINGS	5	Ea
HAND PATCHING	9	Ton
HMA MIXTURE - 4E1	372	Ton
HMA MIXTURE - 5E1	362	Ton
HMA DRIVE APPROACH	14	Ton
PAVT MRKG, REGULAR, 4" YELLOW	225	Ft
PAVT MRKG, INLAID COLD PLASTIC, 24" CROSSWALK	50	Ft
TOP SOIL 4" SCREENED	2300	Syd
CLASS A SEED HYDRO-MULCH	2300	Syd



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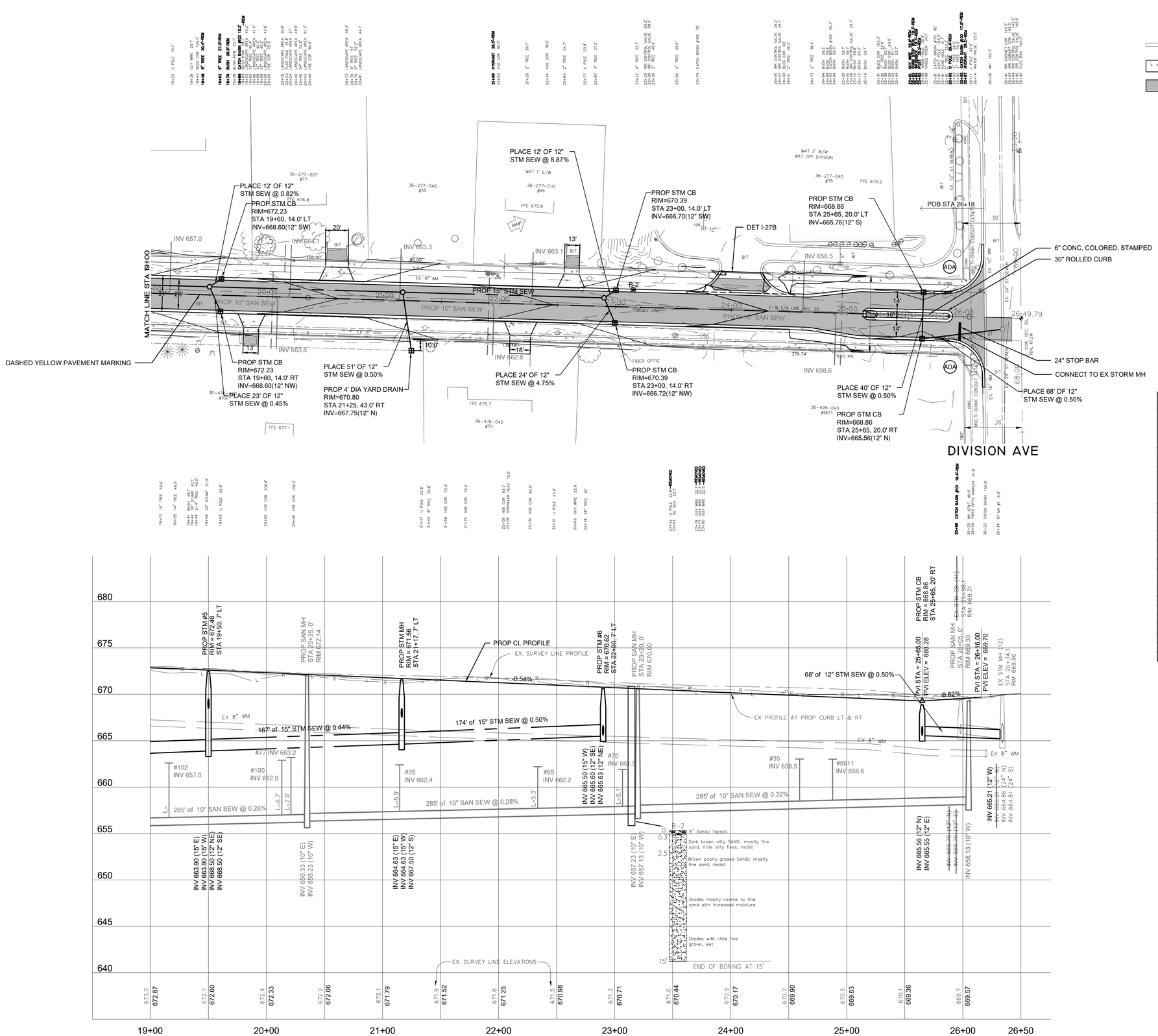

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- (ADA) ADA RAMPS, SEE DETAIL 1-30A, 1-30B

WITNESSES

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BENCHMARKS

BM# 1 674.39'
SW CORNER OF BOTTOM STEP HOUSE #65 56TH ST.
STA. 22+22 71.0' (LT)

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QUANTITIES

DESCRIPTION	QUANTITY	UNITS
COVER AND CASTING	3	Ea
CATCH BASIN COVER AND CASTING	7	Ea
STORM SEWER 12" (0' - 14' DEPTH)	191	Ft
STORM SEWER 15" (0' - 14' DEPTH)	391	Ft
DRAINAGE STRUCTURE 4' DIA (0' - 14' DEPTH)	10	Ea
MISCELLANEOUS GRAVEL	115	Cyd
STREET GRADE	718	Ft
6" AGGREGATE BASE (CIP)	2440	Syd
SIDEWALK RAMP, ADA	200	Sft
DETECTABLE WARNING PLATES	16	Ft
CONCRETE GUTTER, 48"	92	Ft
CONCRETE CURB AND GUTTER, 24"	120	Ft
CONCRETE CURB AND GUTTER, 30"	1350	Ft
CONCRETE CURB AND GUTTER, 30", ROLLED	170	Ft
CONCRETE SIDEWALK, 4"	7100	Sft
CONCRETE SIDEWALK, 8"	185	Sft
CONCRETE PAVEMENT NON REINFORCED, 4"	110	Syd
CONCRETE PAVEMENT NON REINFORCED, COLORED, STAMPED	41	Syd
HAND PATCHING	34	Ton
HMA MIXTURE - 4E1	365	Ton
HMA MIXTURE - 5E1	280	Ton
HMA DRIVE APPROACH	21	Ton
PAVT MRKG, REGULAR, 4" YELLOW	155	Ft
PAVT MRKG, INLAID COLD PLASTIC, 24" STOP BAR	15	Ft
TOP SOIL 4" SCREENED	1745	Syd
CLASS A SEED HYDRO-MULCH	1745	Syd

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CITY OF WYOMING
ENGINEERING DEPARTMENT
WYOMING, MICHIGAN

IN 56TH STREET
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TO DIVISION AVE.

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DESIGN ENGINEER

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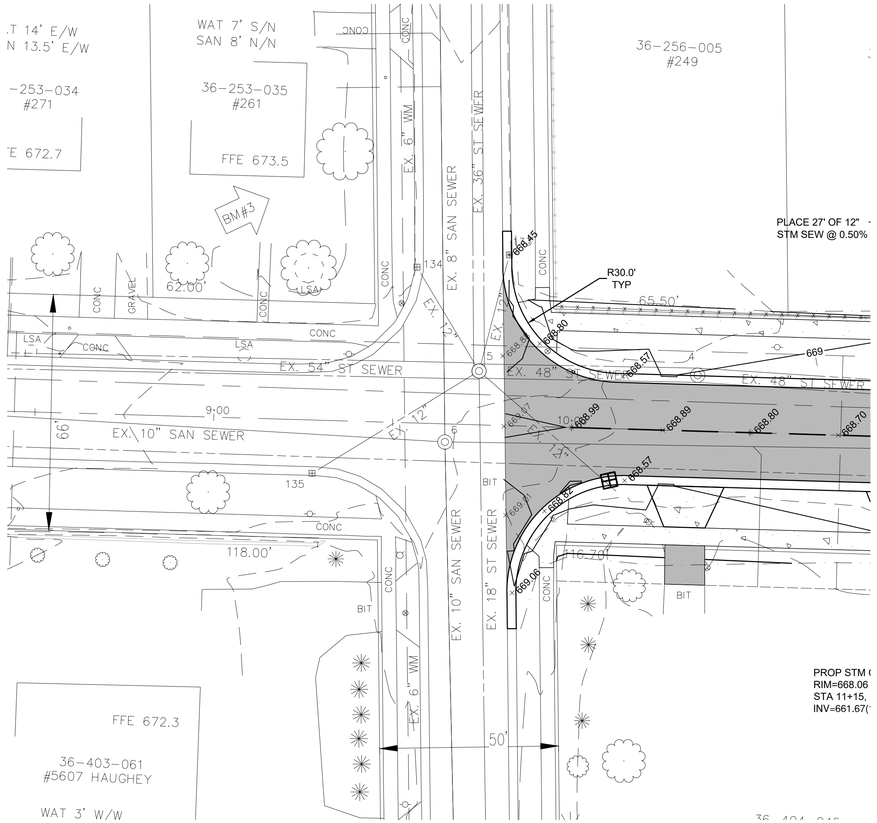
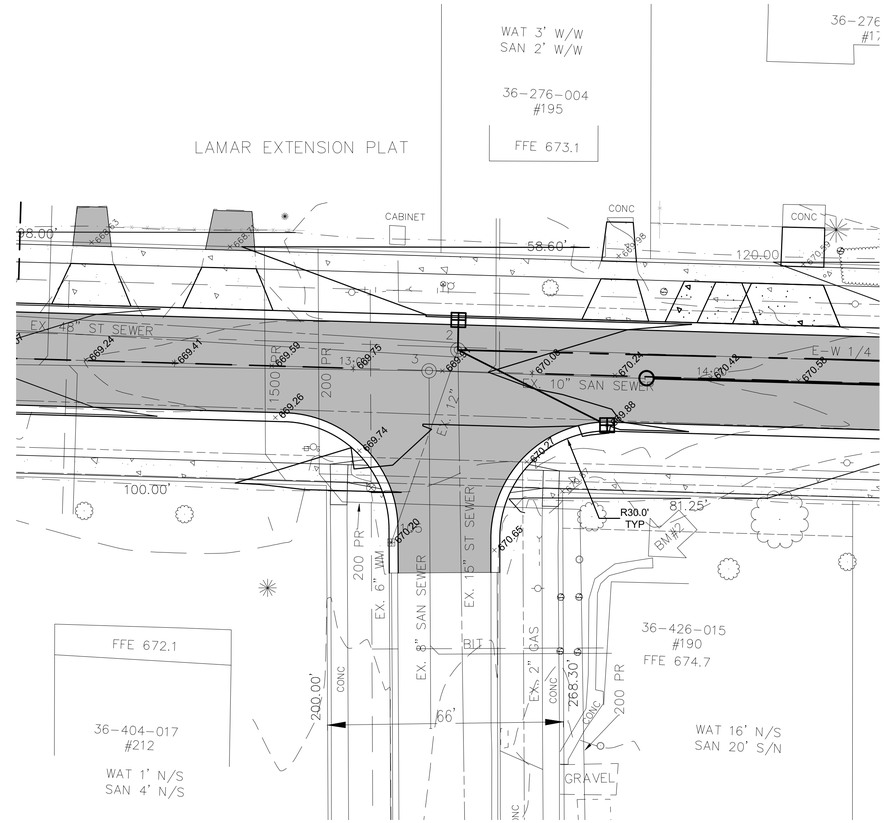
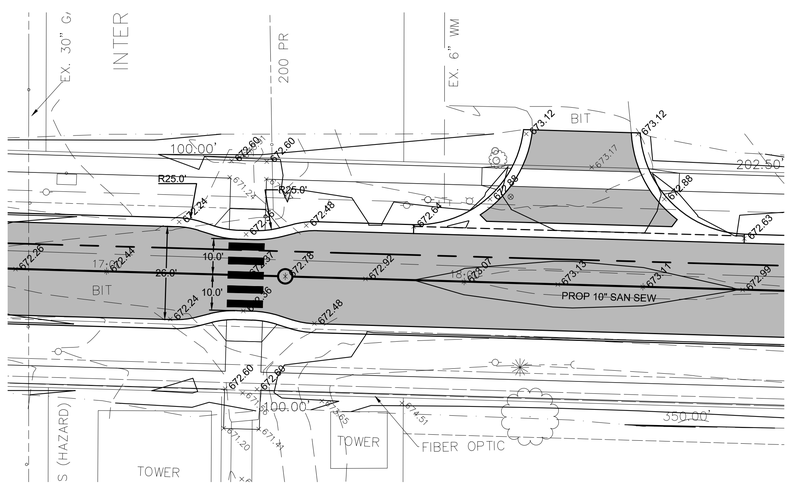


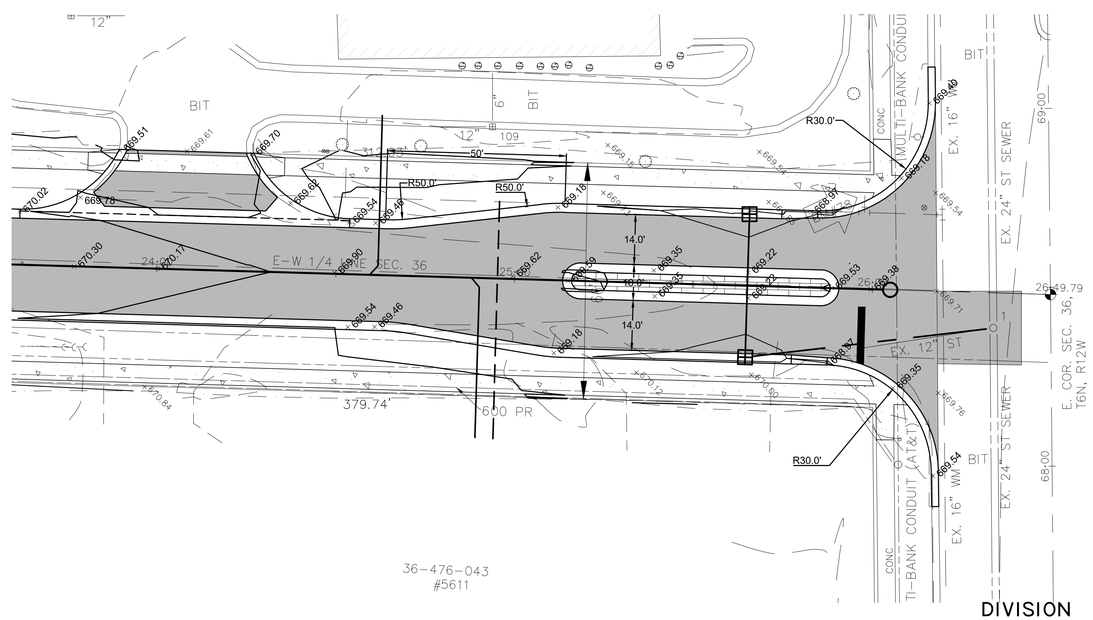
HAUGHEY



BUCHANAN



INTERURBAN TRAIL



DIVISION

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WYOMING, MICHIGAN

56TH STREET IMPROVEMENTS

IN 56TH STREET
AT HAUGHEY AVE, BUCHANAN AVE, AND DIVISION AVE

SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'

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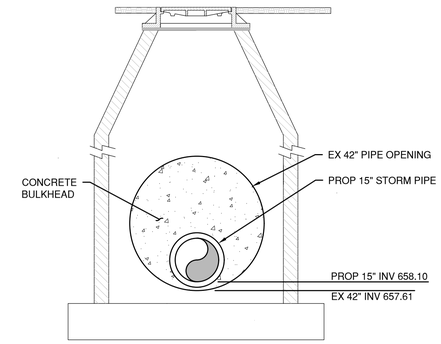
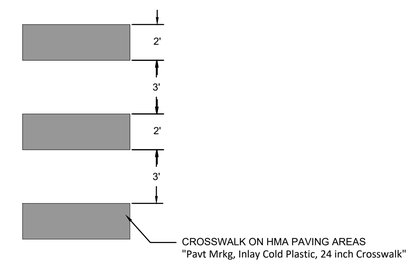
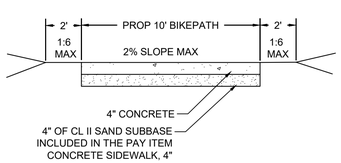
GRADING DETAILS



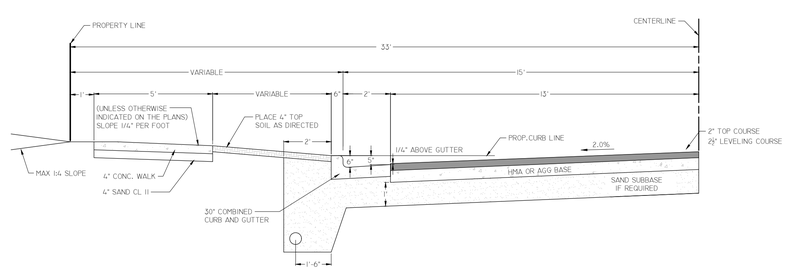
MANHOLE #2 DETAIL



CROSSWALK DETAIL



TYPICAL BIKEPATH SECTION



TYPICAL CROSS-SECTION

HMA APPLICATION TABLE

DESCRIPTION	RATE LBS/SQ YD	PERFORMANCE GRADE	REMARKS
HMA, 5E1	220	64-28	TOP COURSE
HMA, 4E1	275	64-28	LEVELING
HMA APPROACH	330	64-28	1.5" 5E1, 1.5" 4E1
HAND PATCHING	Varies	64-28	5E1

* HMA BOND COAT SHALL BE APPLIED AT A RATE OF 0.05 TO 0.15 GAL/ SYD AS DIRECTED BY THE ENGINEER.
* HMA BOND COAT WILL NOT BE PAID SEPARATELY, BUT IS INCLUDED IN THE HMA ITEMS.
* MINIMUM AWI = 260

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ENGINEERING DEPARTMENT
WYOMING, MICHIGAN

56TH STREET IMPROVEMENTS

IN 56TH STREET
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TO DIVISION AVE

SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'

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CROSS-SECTION & DETAILS