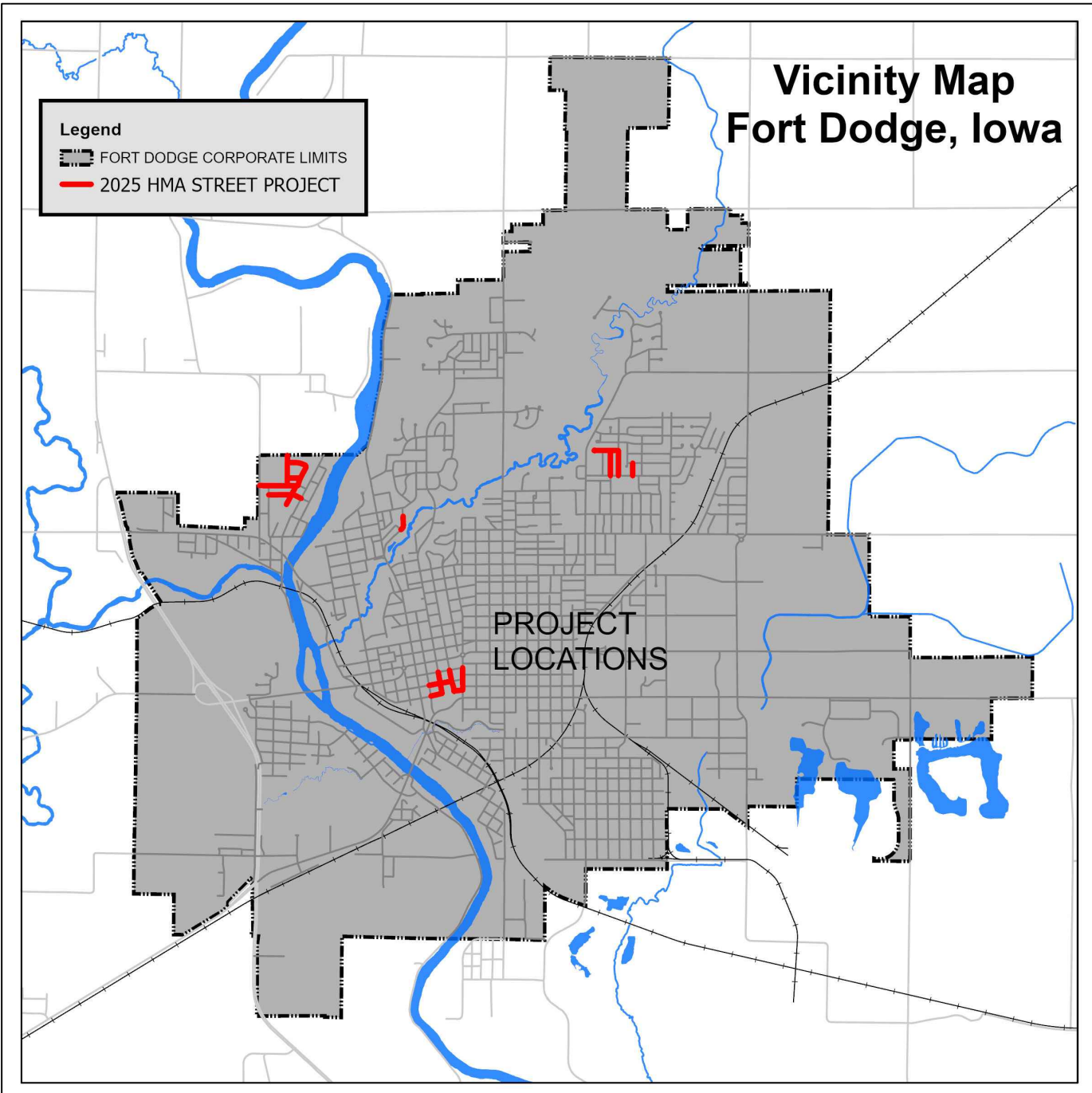


2025 ASPHALT STREET REPAIR PROJECT

FORT DODGE, IOWA

The Iowa Statewide Urban Design and Specifications (SUDAS) shall apply to construction work on this project. (www.iowasudas.org)



INDEX OF DRAWINGS

- A.1 - TITLE SHEET
- B.1 - ESTIMATED REFERENCE INFORMATION
ESTIMATED PROJECT QUANTITIES
GENERAL NOTES
- C.1-C.2 - DETAILS
- D.1-D.16 - PAVING PLAN SHEETS
- F.1 - CROSS-SECTION DETAILS

CITY OF FORT DODGE	
MAYOR:	MATT BEMRICH
COUNCIL:	KIM ALSTOTT JEN CRIMMINS DAVID FLATTERY QUENNEL MCCALED CAMERON NELSON LYDIA SCHUUR MEGAN SECOR
CLERK:	JEFF NEMMERS
CITY ENGINEER:	AUSTIN T. MORROW, P.E.

LICENSED PROFESSIONAL ENGINEER

AUSTIN T. MORROW
2442539

IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNATURE: *Austin Morrow* DATE: 2/12/2025
AUSTIN T. MORROW, PROFESSIONAL ENGINEER

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2025

PAGES OR SHEETS COVERED BY THIS SEAL: All Pages (1-21)

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE
 2025 ASPHALT Street Repair Project
 City of Fort Dodge Engineering Department
 819 1ST AVE S
 FORT DODGE, IA
 Approved _____ Title _____
 Date _____

GENERAL NOTES

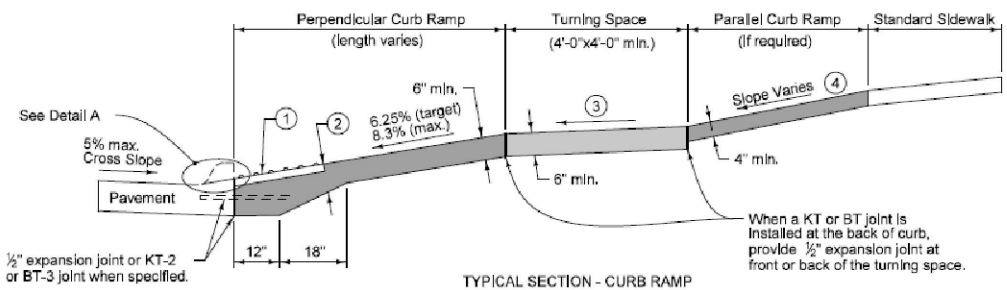
ESTIMATE REFERENCE INFORMATION				QUANTITY	UNIT
ITEM NO.	ITEM CODE	ITEM	DESCRIPTION		
1	7020-1.08-A	4"-7" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	ITEM SHALL INCLUDE, BUT IS NOT LIMITED TO, ASPHALT BINDER, TACK COATS BETWEEN EXISTING AND NEW PAVEMENT, CONSTRUCTION ZONE PROTECTION, AND QUALITY CONTROL. ASPHALT SHALL HAVE A MINIMUM DEPTH OF FOUR TO SEVEN INCHES AT THE FACE OF THE CURB AND IN THE CENTER OF THE STREET, DEPENDING ON THE STREET CROSS SECTION DETAILS. DEPTHS BETWEEN THE CENTER AND THE FACE OF THE CURB SHALL HAVE A MAXIMUM OF FOUR TO SEVEN INCHES, DEPENDING ON CROSS SECTION DETAILS. MIX DESIGN SHALL COMPLY WITH 7020-2.01 OF IOWA SUDAS.	10019	TN
2		3.0" - 7.0" MILLING	REFER TO PLANS FOR LOCATIONS AND DEPTH OF REMOVALS. IN ALL AREAS MARKED WITH A MAGENTA LINE, 5" FULL MILL IN THE MAJORITY OF THE AREAS. 6" AND 7" FULL MILL WILL BE USED SEVERAL STREETS. PLEASE REFER TO PAGE F.1 FOR CROSS SECTION DETAILS AND MILLING GUIDLINES. ITEM INCLUDES REMOVAL AND DISPOSAL OF PAVEMENT AND OTHER MATERIALS TO DEPTH SPECIFIED.	33059	SY
3	7040-1.08-G	1.0" - 3.0" MILLING	REFER TO PLANS FOR LOCATIONS AND DEPTH OF REMOVALS. IN ALL AREAS MARKED WITH A MAGENTA LINE. PLEASE REFER TO PAGE F.1 FOR CROSS SECTION DETAILS AND MILLING GUIDLINES. ITEM INCLUDES REMOVAL AND DISPOSAL OF PAVEMENT AND OTHER MATERIALS TO DEPTH SPECIFIED. MANHOLES AND WATER VALVES WILL NOT BE REMOVED AND REPOURED, WORK AROUND THESE FIXTURES DURING THE MILLING PROCESS.	1582	SY
4	7020-1.08-I	FIXTURE ADJUSTMENT	ITEM INCLUDES ADJUSTING EXISTING MAHOLE CASTINGS TO GRADE AND MANHOLE BOXOUTS AS DEPICTED IN SUDAS FIGURE 7020.201 PV-201. IF REPLACEMENT IS DEEMED NECESSARY, NEW CASTINGS SHALL BE SUPPLIED BY THE CITY. REFER TO PLANS FOR LOCATIONS OF ADJUSTMENTS. ADDITIONAL ADJUSTMENTS MAY BE AUTHORIZED BY THE ENGINEER.	61	EA
5	7020-1.08-I	WATER VALVE 24" BOXOUT	ITEM INCLUDES ADJUSTING EXISTING WATER VALVE BOXES TO GRADE AND 24" PCC ROUND BOXOUTS AS DEPICTED IN SUDAS FIGURE 7020.201 PV-201. IF REPLACEMENT IS DEEMED NECESSARY, NEW VALVE BOXES SHALL BE SUPPLIED BY THE CITY. REFER TO PLANS FOR LOCATIONS OF ADJUSTMENTS. ADDITIONAL ADJUSTMENTS MAY BE AUTHORIZED BY THE ENGINEER.	9	EA
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	CONCRETE SHALL BE CLASS-C MIX. HAND FINISHING METHODS WILL BE ALLOWED FOR ALL SECTIONS. CONSTRUCTION JOINTS SHALL BE PLACED EVERY 15 FEET. ANY TRAVELWAYS DISTURBED BY THE PLACEMENT OF CURB AND GUTTER WILL BE INCIDENTAL AND REQUIRE REPLACEMENT TO EXISTING DEPTH. ITEM SHALL INCLUDE ANY NEEDED BASE MATERIAL FOR THE INSTALLATION OF THE CURB AND GUTTER, ALSO INCLUDE BACKFILL MATERIAL PRIOR TO SEEDING OF ANY DISTURBED AREA AS A RESULT FROM THE PLACEMENT OF THE NEW CURB AND GUTTER.	6392	LF
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	THIS ITEM SHALL INCLUDE, BUT IS NOT LIMITED TO, THE NECESSARY MATERIALS TO COMPLETE THE SIDEWALK. THIS ITEM ALSO INCLUDES THE REMOVAL OF THE EXISTING SIDEWALK. CONCRETE SHALL BE CLASS-C MIX. ITEM INCLUDES ALL SIDEWALKS TO THE DEPTH SPECIFIED IN THE PLANS OR SPECIFICATIONS. CONTRACTOR SHALL ENSURE PROPER GRADES AND ACCESSIBILITY COMPLIANCE WITH THE ENGINEER PRIOR TO THE PLACEMENT OF THE CONCRETE. ITEM SHALL ALSO INCLUDE BACKFILL MATERIAL OF ANY DISTURBED AREA AS A RESULT FROM THE PLACEMENT OF THE NEW SIDEWALK.	289	SF
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	THIS ITEM SHALL INCLUDE, BUT IS NOT LIMITED TO, THE NECESSARY MATERIALS TO COMPLETE THE SIDEWALK/DRIVEWAY. THIS ITEM ALSO INCLUDES THE REMOVAL OF THE EXISTING SIDEWALK/DRIVEWAY. CONCRETE SHALL BE CLASS-C MIX. ITEM INCLUDES ALL SIDEWALKS/DRIVEWAYS TO THE DEPTH SPECIFIED IN THE PLANS OR SPECIFICATIONS. CONTRACTOR SHALL ENSURE PROPER GRADES AND ACCESSIBILITY COMPLIANCE WITH THE ENGINEER PRIOR TO THE PLACEMENT OF THE CONCRETE. DRIVEWAYS TO BE TYPE A WITH FLARES. SEE SUDAS 7030.101. ITEM SHALL ALSO INCLUDE BACKFILL MATERIAL OF ANY DISTURBED AREA AS A RESULT FROM THE PLACEMENT OF THE NEW SIDEWALK/DRIVEWAY.	10777	SF
9	7030-1.08-G	DETECTABLE WARNING DEVICE	ITEM INCLUDES FURNISHING AND INSTALLING DETECTABLE WARNING DEVICES AT INTERSECTION RAMPS. CONTRACTOR SHALL ENSURE PROPER PLACEMENT OF PANELS WITH THE ENGINEER PRIOR TO PLACING CONCRETE. DETECTABLE WARNING DEVICE MATERIAL AND COLOR SHALL FOLLOW THE STANDARDS OF THE CITY OF FORT DODGE.	72	SF

10	9010-1.08-B 9010-2.02-A	SEEDING	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING; ITEM INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ROCK AND OTHER DEBRIS; REPAIRING RILLS AND WASHES; PREPARING THE SEEDBED; FURNISHING AND PLACING FERTILIZER AND MULCH; AND FURNISHING WATER AND OTHER CARE DURING THE CARE PERIOD, FOR ALL DISTURBED AREAS, SUDAS TYPE 1 (PERMANENT LAWN MIXTURE) AND SOWN DURING SUDAS SPECIFIED DATES.	25308	SF
11	0	SUMP PUMP CONNECTION	SUMP PUMP CONNECTION, AS SHOWN IN DETAIL ON PAGE C.2, SHALL CONSIST OF 2" DIAMETER PVC CONNECTED TO AN EXISTING SUMP PUMP LINE BY USE OF A FERNCO CONNECTION. THE EXISTING LINE SHALL BE CUT 2 FEET BACK FROM THE BACK OF CURB. THE CONNECTION THEN MADE SHALL PROJECT THRU THE NEW CURB SECTION, AT LEAST 1 INCH ABOVE THE GUTTER FLOW LINE, AND SHALL BE TRIMMED TO THE FACE OF THE CURB TO AVOID PROJECTION INTO THE STREET CAUSING A POTENTIAL HAZARD. IF NO LINE IS PRESENT, A 2 FOOT SECTION OF 2" SHALL BE INSERTED THRU THE CURB AND CAPPED 2 FEET BEHIND THE CURB. AT THE END OF THE CAPPED END PLACE A VERTICAL REBAR UP TO GROUND LEVEL TO PROMOTE LOCATING THE END FOR A FUTURE CONNECTION.	71	EA
12	1070-2.06	TRAFFIC CONTROL	TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF AND BE PLACED ACCORDING TO THE CURRENT EDITION OF MUTCD. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE CITY FOR APPROVAL PRIOR TO SET UP. CONTRACTOR IS REQUIRED TO GIVE 48 HOURS NOTICE BEFORE ANY CLOSURES. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE BORDERING PUBLIC IF ACCESS WILL BE DISRUPTED.	1	LS
13		CONTINGENCY	CONTINGENCY FOR UNFORSEEN CIRCUMSTANCES DUE TO SUBGRADE AND UTILITY ISSUES THAT ARE NOT EVIDENT FROM THE ORIGINAL DESIGN AND DEVELOPMENT PERSPECTIVE OF THE PROJECT.	1	LS

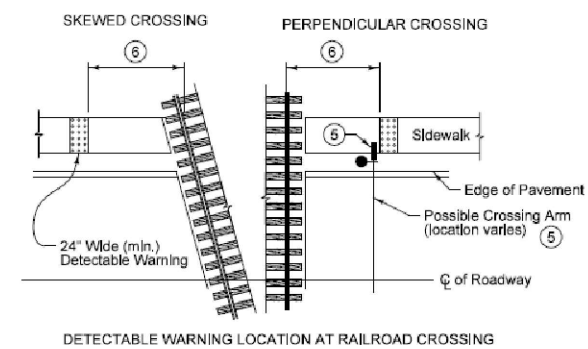
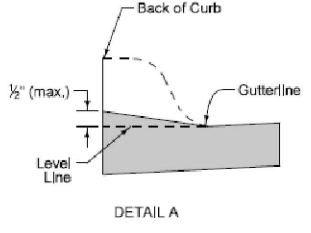
Notes:

- 1) Any integral curb built into sidewalk for grade issues, shall be considered incidental to the sidewalk.
- 2) UE - use existing
- 3) ADJ -minor fixture adjustment, includes large manhole circular PCC boxout.
- 4) NEW - new supplied casting, by City Public Works
- 5) WV - water valve
- 6) VB - Valve Box, either installed or to be installed by City Public Works
- 7) 24" PCC Boxout - a 24" circular boxout for valve boxes only
- 8) Line striping mobilization shall be considered incidental to the paint line items.
- 9) Discuss with engineer or representative all traffic control. And with the entire project be mindful of city celebrations and activities that may affect the project, including school dates.
- 10) Milling of streets, shall be conducted to reduce the amount of traffic flow and rain infiltration to the base. Place the pavement layers as soon as possible to prevent base deterioration.
- 11) Timing is important on the NW Fort Dodge area. A water project is being constructed within this section of the City during the 2025 season. That project is scheduled to be completed around Labor Day 2025. HMA work in this areas is to be completed after the water project is complete. Please coordinate with the Engineer for scheduling.
- 12) Sump pump connections are needed on every property on Sheets D.13-D.16. If a line is encountered the connection shall be made as per detail on Sheet C.2 and if a line is not found, install a connection mid lot and place a vertical rebar to ground level to indicate the end of the connection, and the end capped. The quantities are shown on each section of the plans where they are needed.

Designed David Odor, PLS	Drawn David Odor, PLS	Checked Austin Morrow, PE	Date _____
2025 Asphalt Street Repair Project City of Fort Dodge Engineering Department 819 1ST AVE S FORT DODGE, IA			Approved _____
			Title _____
GENERAL NOTES			
Date: 12/1/2024			
Sheet B.1			



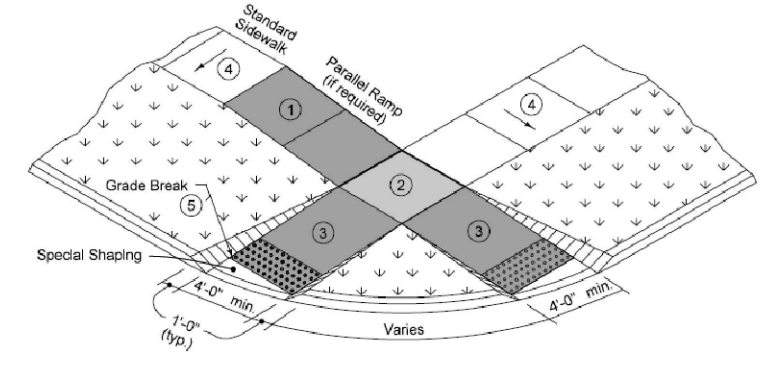
- Key
- Curb Ramp
 - Turning Space
 - Detectable warning



- 1 Provide a minimum 2 foot width of detectable warning surfaces in the direction of pedestrian travel across the full width of the curb ramp or turning space, exclusive of curbs or flares.
 - 2 Provide a minimum of 6 inches of concrete below the detectable warning panel.
 - 3 Minimum 4 feet by 4 feet. Target cross slope of 1.5% with a maximum cross slope of 2.0%.
 - 4 If normal sidewalk elevation cannot be achieved with the perpendicular ramp between the street and landing due to limited ramp length, provide a parallel ramp to make up the elevation difference between the landing and the standard sidewalk.
- The length of the parallel ramp is not required to exceed 15 feet, regardless of the resulting slope. Do not exceed 8.3% slope for parallel ramps shorter than 15 feet.
- 5 If crossing gate conflicts with location of detectable warning or if pedestrian crossing gate is provided, place detectable warning panel in advance of the crossing gate.
 - 6 Locate front edge of detectable warning panel 12 to 15 feet from centerline of nearest rail. Orient truncated domes parallel to the direction of pedestrian travel.

	REVISION	1	10/20/25
	7030.205	SHEET 1 of 1	
	SUDAS Standard Specifications		
GENERAL SIDEWALK AND CURB RAMP DETAILS			

FIGURE 7030.205 SHEET 1 OF 1

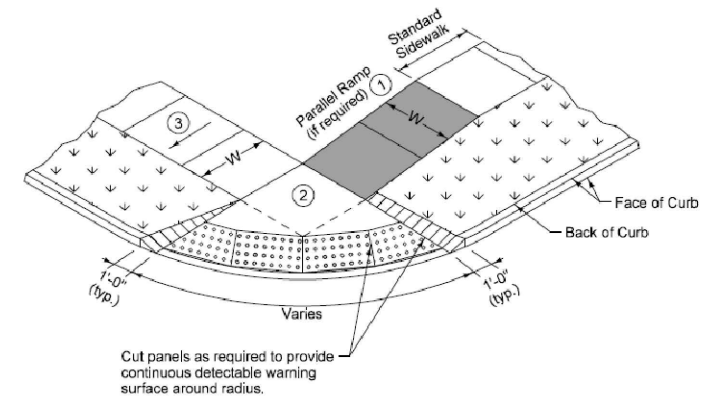


- Key
- Curb Ramp
 - Turning Space
 - Detectable warning
 - Grass

- 1 Parallel Curb Ramp: If normal sidewalk elevation cannot be achieved with the perpendicular ramp between the street and landing due to limited ramp length, provide a parallel ramp to make up the elevation difference between the landing and the standard sidewalk.
- The length of the parallel ramp is not required to exceed 15 feet, regardless of the resulting slope. Do not exceed 8.3% slope for parallel ramps shorter than 15 feet.
- 2 Turning Space: Target slope of 1.5% with maximum slope perpendicular to the travel directions of 2.0%. Minimum 4 feet by 4 feet.
 - 3 Perpendicular Curb Ramp: Target running slope of 6.25% with maximum running slope of 8.3%.
 - 4 Target cross slope of 1.5% with a maximum cross slope of 2.0%.
 - 5 Match pedestrian street crossing cross slope or flatter.

	REVISION	1	10/16/22
	7030.207	SHEET 1 of 1	
	SUDAS Standard Specifications		
CURB RAMP FOR CLASS B OR C SIDEWALK			

FIGURE 7030.207 SHEET 1 OF 1

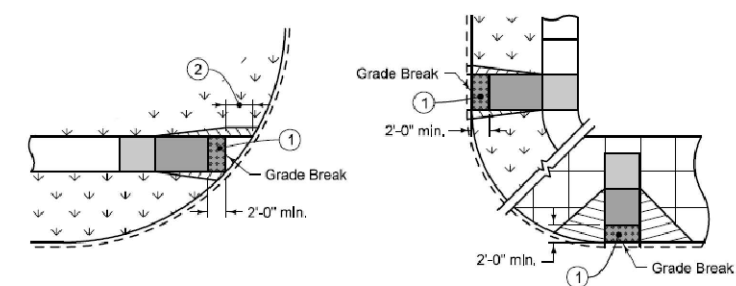


- Key
- Curb Ramp
 - Turning Space
 - Detectable warning
 - Grass

- 1 Parallel Curb Ramp: If normal sidewalk elevation cannot be achieved with the perpendicular ramp between the street and landing due to limited ramp length, provide a parallel ramp to make up the elevation difference between the landing and the standard sidewalk.
- The length of the parallel ramp is not required to exceed 15 feet, regardless of the resulting slope. Do not exceed 8.3% slope for parallel ramps shorter than 15 feet.
- 2 Turning Space: Target slope of 1.5% with maximum slope perpendicular to the direction of travel of 2.0%. Minimum 4 feet by 4 feet.
 - 3 Target cross slope of 1.5% with a maximum cross slope of 2.0%.

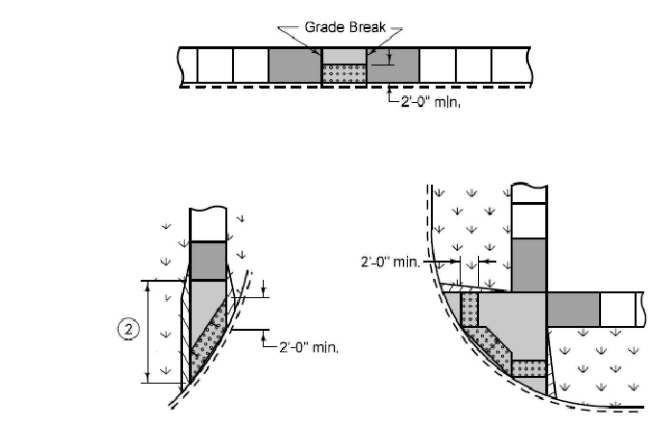
	REVISION	1	10-16-22
	7030.208	SHEET 1 of 1	
	SUDAS Standard Specifications		
ALTERNATIVE CURB RAMP FOR CLASS B OR C SIDEWALK			

FIGURE 7030.208 SHEET 1 OF 1



- Provide a minimum 2 foot width of detectable warning surfaces in the direction of pedestrian travel across the full width of the curb ramp or turning space, exclusive of curbs or flares.
- 1 When detectable warning is located on curb ramp surface, orient domes in the direction of pedestrian travel.
 - 2 When the distance between the grade break and the back of curb is less than 5 feet, place detectable warning surface at the bottom of the curb ramp.
- Where one corner of the curb ramp is more than 5 feet from the back of curb, construct curb ramp as a parallel curb ramp. Move grade break back as required to place detectable warning on turning space at the back of curb.

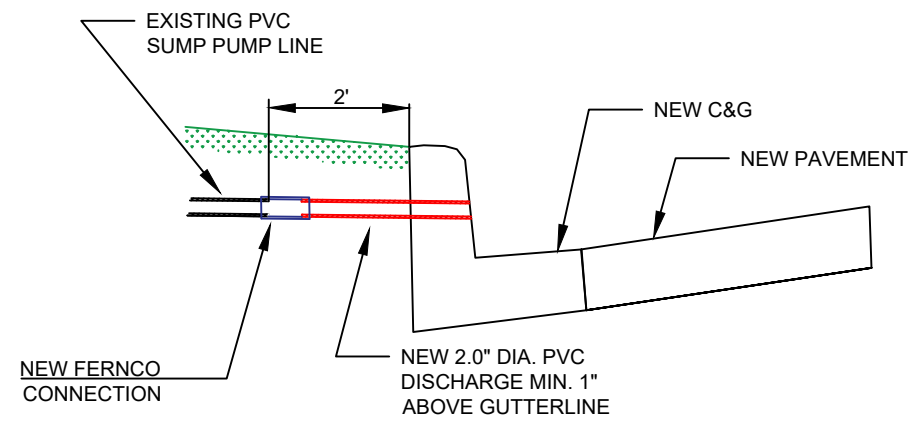
- Key
- Curb Ramp
 - Turning Space
 - Detectable Warning



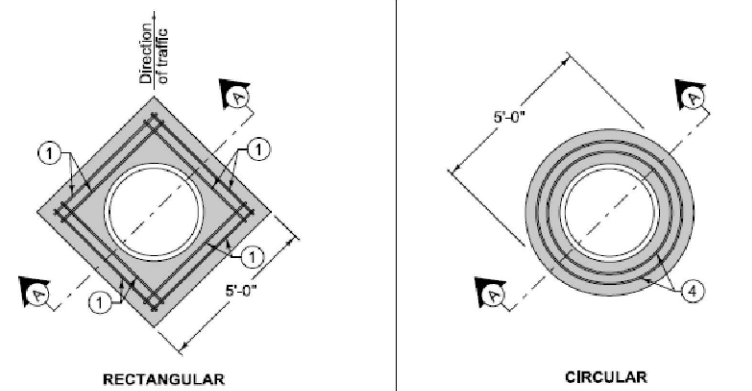
	REVISION	1	10-16-22
	7030.210	SHEET 1 of 1	
	SUDAS Standard Specifications		
DETECTABLE WARNING PLACEMENT			

FIGURE 7030.210 SHEET 1 OF 1

GENERAL NOTES



SUMP PUMP LINE CONNECTION DETAIL
NOT TO SCALE



- Construct boxout with Class C concrete, Minimum 2 inches clear on reinforcement, Center casting within boxout area.
- 4 foot 8 inch (typ.) #4 bar. Place at mid-slab.
 - If boxout is constructed prior to placement of HMA overlay or final lift of HMA pavement, boxout may be constructed low and then final lift or overlay placed.
 - Apply tack coat.
 - #4 hoops (variable length). Place at mid-slab.

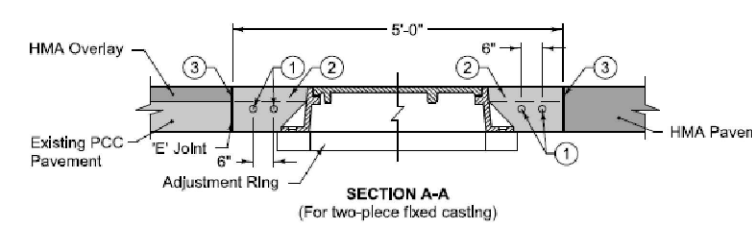
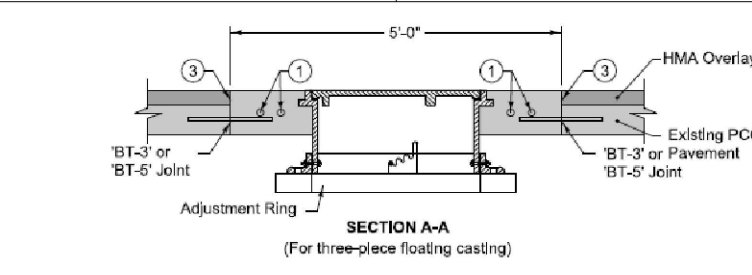
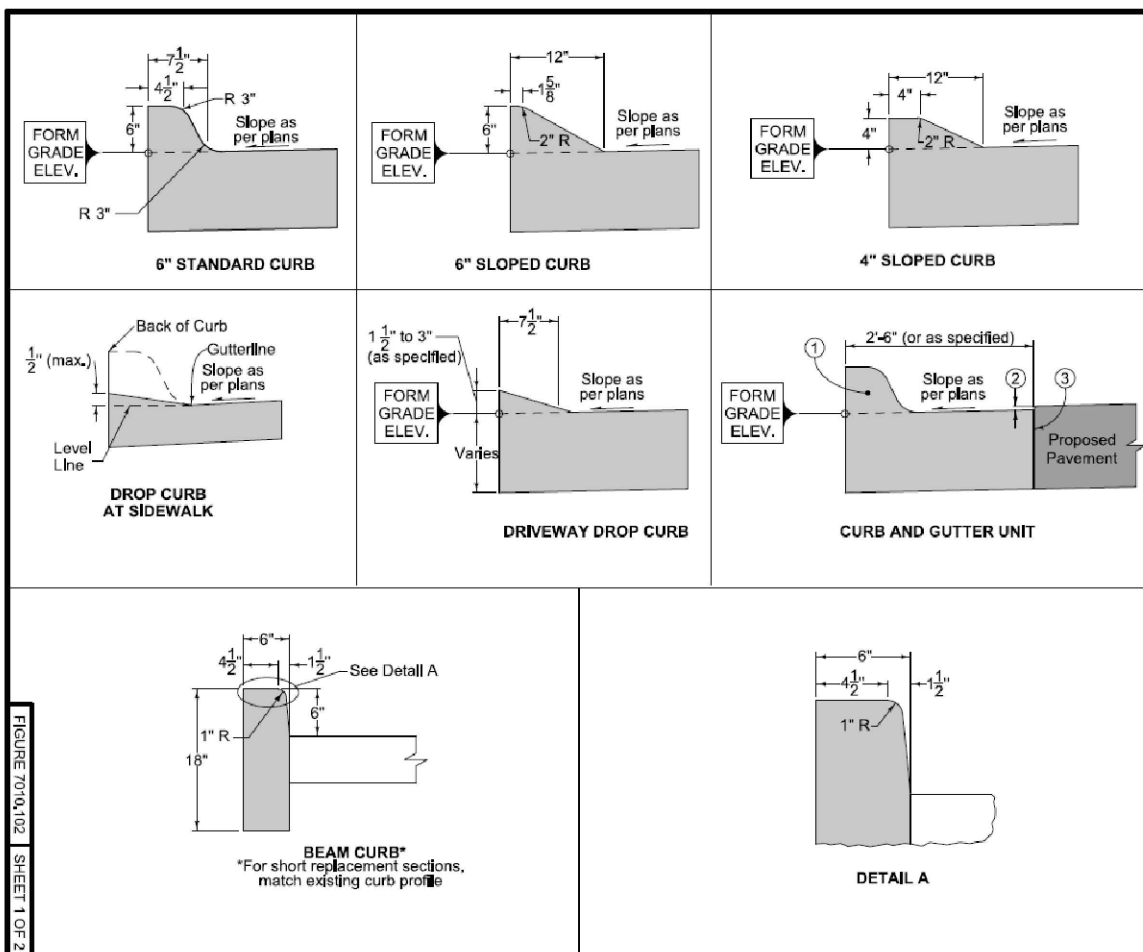


FIGURE 7020.201 SHEET 1 OF 1

SUDAS	Missouri Department of Transportation	REVISION
FIGURE 7020.201	STANDARD ROAD PLAN	PV-201
MANHOLE BOXOUTS IN HMA PAVEMENT AND HMA OVERLAYS		



- For joint details, see PV-101.
- 6" Standard Curb, 6" Sloped Curb, or 4" Sloped Curb as specified.
 - 1/8" if Proposed Pavement is HMA. No elevation difference if Proposed Pavement is PCC.
 - 'BT', 'KT', or 'L' joint if Proposed Pavement is PCC. 'B' joint if Proposed Pavement is HMA.

FIGURE 7010.102 SHEET 1 OF 2

SUDAS	IOWADOT	REVISION
FIGURE 7010.102	STANDARD ROAD PLAN	PV-102
PCC CURB DETAILS		

Designed David Odor, PLS
Drawn David Odor, PLS
Checked Austin Morrow, PE

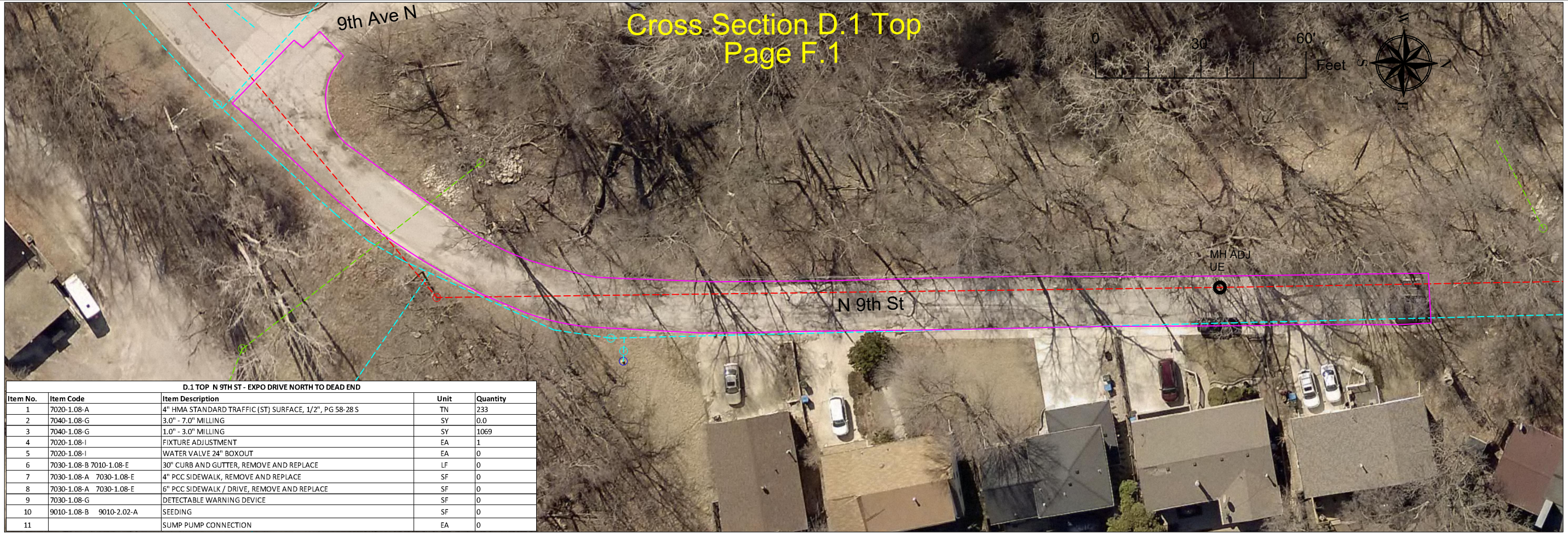
2025 Asphalt Street Repair Project
City of Fort Dodge Engineering Department
FORT DODGE, IA
819 1ST AVE S

Approved _____ Title _____
Date _____

GENERAL NOTES

Details

Cross Section D.1 Top
Page F.1



D.1 TOP N 9TH ST - EXPO DRIVE NORTH TO DEAD END

Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	4" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	233
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	0.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	1069
4	7020-1.08-1	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-1	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

LEFT BLANK ON PURPOSE

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

2025 ASPHALT Street Repair Project
 City of Fort Dodge Engineering Department
 FORT DODGE, IA

Paving Plan Sheet

Approved _____
 Title _____

Date _____

GENERAL NOTES

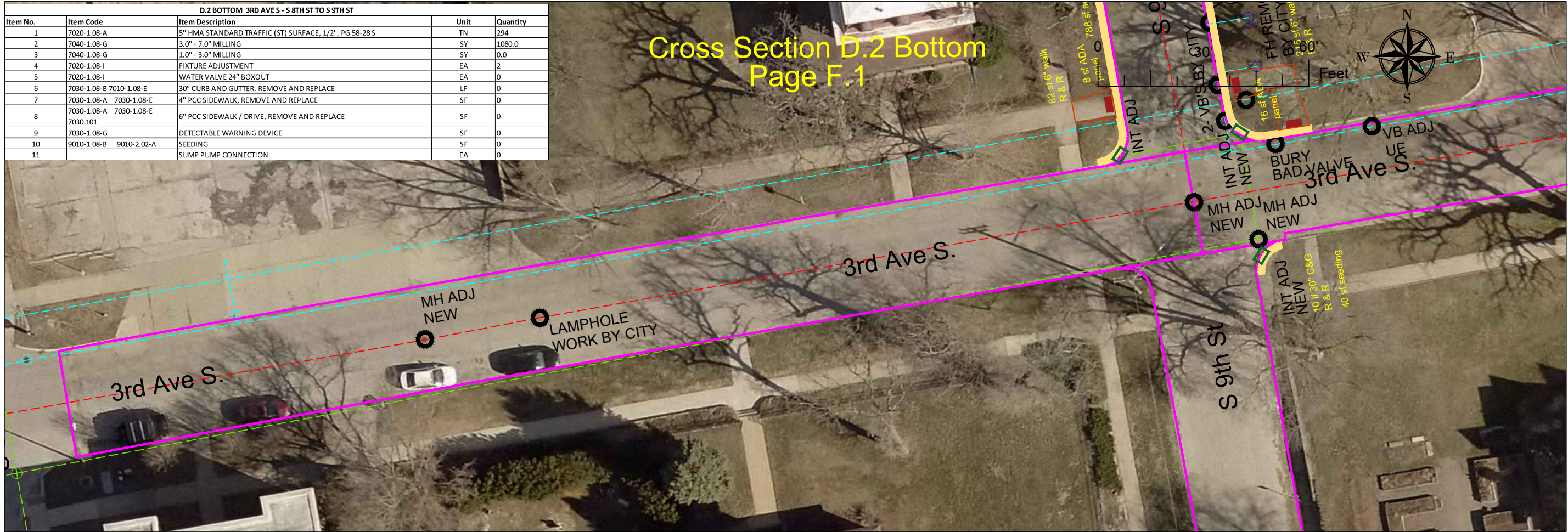
Date:
 12/1/2024

Sheet D.1

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D.2 BOTTOM 3RD AVE S - S 8TH ST TO S 9TH ST				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	294
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1080.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	2
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Cross Section D.2 Bottom
Page F.1



Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

2025 ASPHALT Street Repair Project
 City of Fort Dodge Engineering Department
 819 1ST AVE S FORT DODGE, IA

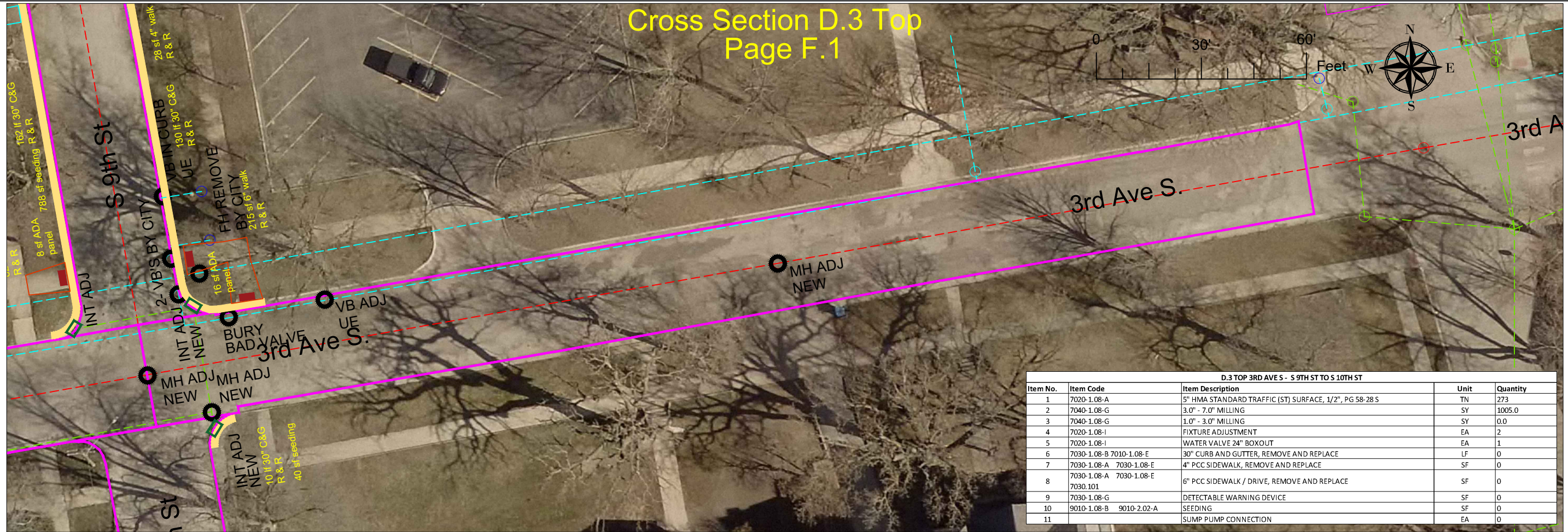
Paving Plan Sheet

Approved _____ Date _____
 Title _____

GENERAL NOTES

Date: 12/1/2024
 Sheet D.2

Cross Section D.3 Top
Page F.1



D.3 TOP 3RD AVE S - S 9TH ST TO S 10TH ST				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	273
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1005.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	2
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	1
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Cross Section D.3 Bottom
Page F.1



D.3 BOTTOM 4TH AVE S - S 8TH ST TO S 9TH ST				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	185
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	682.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Designed David Odor, PLS
Drawn David Odor, PLS
Checked Austin Morrow, PE

2025 ASPHALT Street Repair Project
City of Fort Dodge Engineering Department
FORT DODGE, IA
819 1ST AVE S

Approved _____ Title _____
Date _____

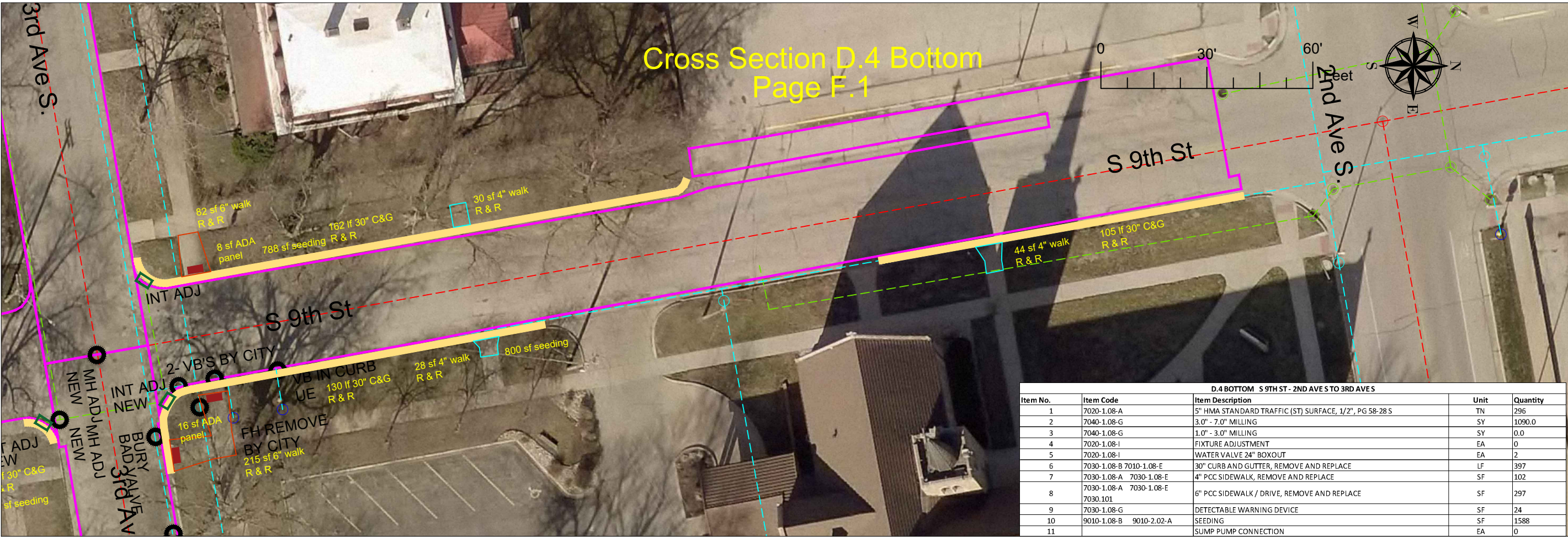
GENERAL NOTES

Cross Section D.4 Top
Page F.1



D.4 TOP 4TH AVE S - S 10 ST TO S 12TH ST				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	275
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1010.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

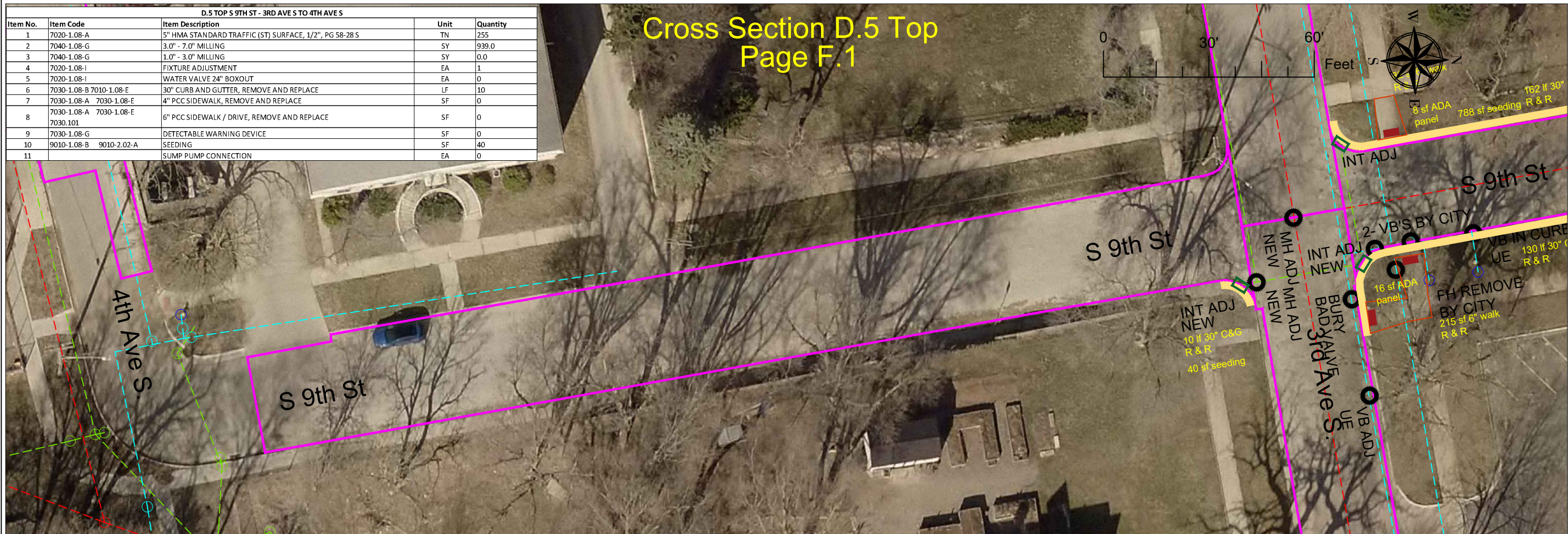
Cross Section D.4 Bottom
Page F.1



D.4 BOTTOM S 9TH ST - 2ND AVE S TO 3RD AVES				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	295
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1090.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	0
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	2
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	397
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	102
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	297
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	24
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	1588
11		SUMP PUMP CONNECTION	EA	0

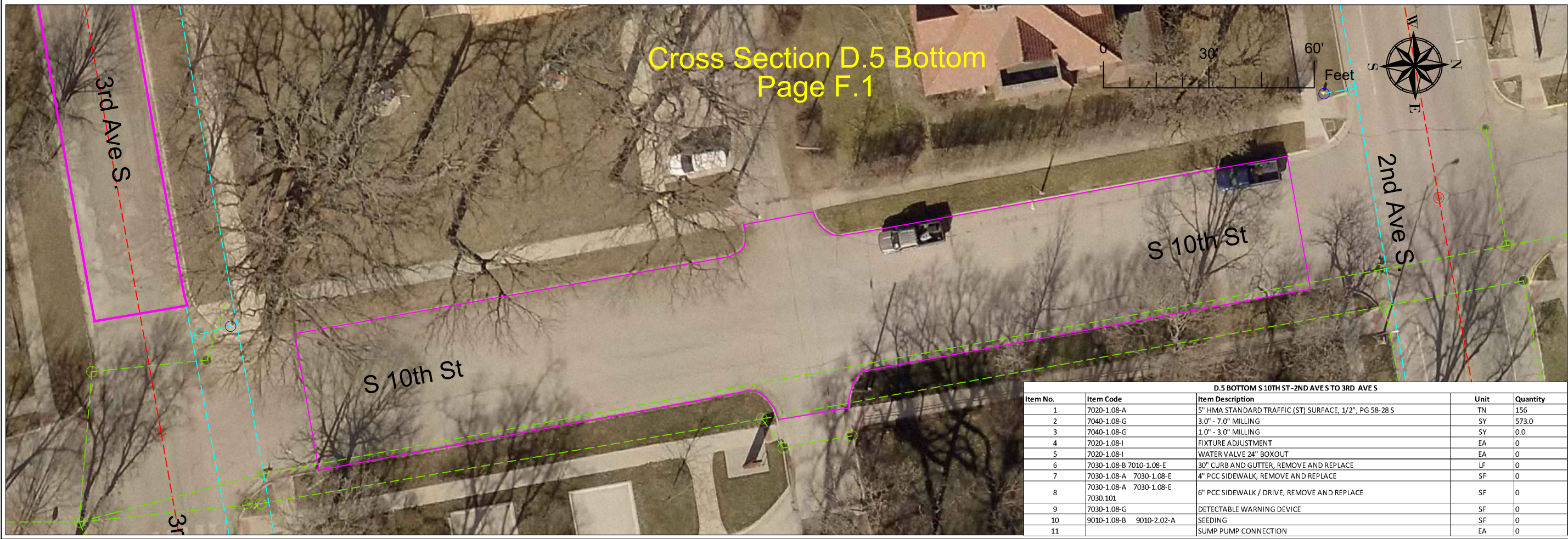
Cross Section D.5 Top Page F.1

D.5 TOP S 9TH ST - 3RD AVE S TO 4TH AVE S				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	255
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	939.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	10
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	40
11		SUMP PUMP CONNECTION	EA	0



Cross Section D.5 Bottom Page F.1

D.5 BOTTOM S 10TH ST - 2ND AVE S TO 3RD AVE S				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	156
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	573.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	0
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0



Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

2025 ASPHALT Street Repair Project
 City of Fort Dodge Engineering Department
 819 1ST AVE S FORT DODGE, IA

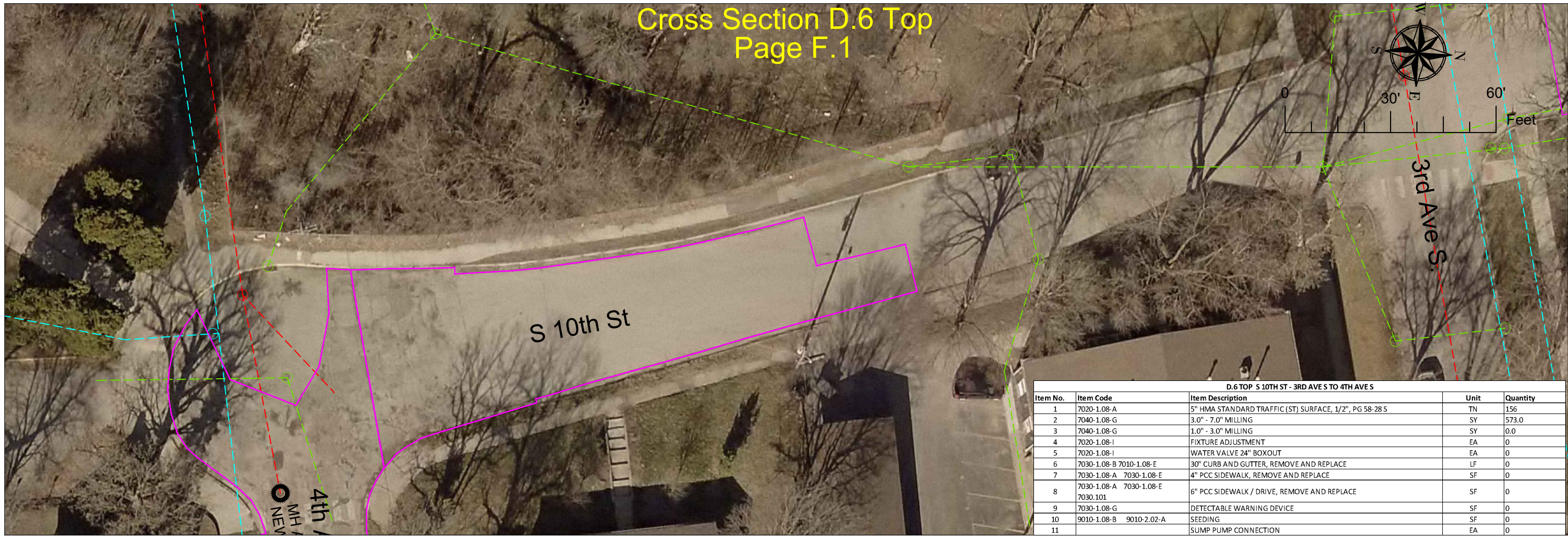
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Date: 12/1/2024

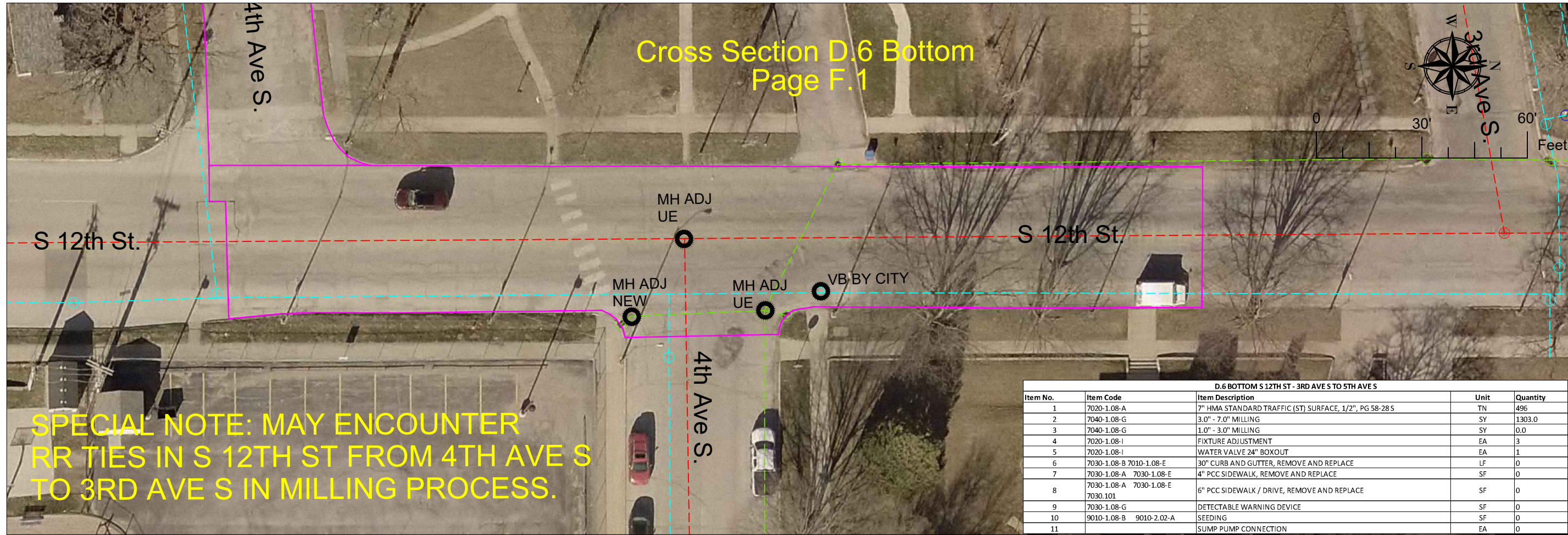
Sheet D.5

Cross Section D.6 Top
Page F.1



D.6 TOP S 10TH ST - 3RD AVE S TO 4TH AVE S				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	156
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	573.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	0
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Cross Section D.6 Bottom
Page F.1

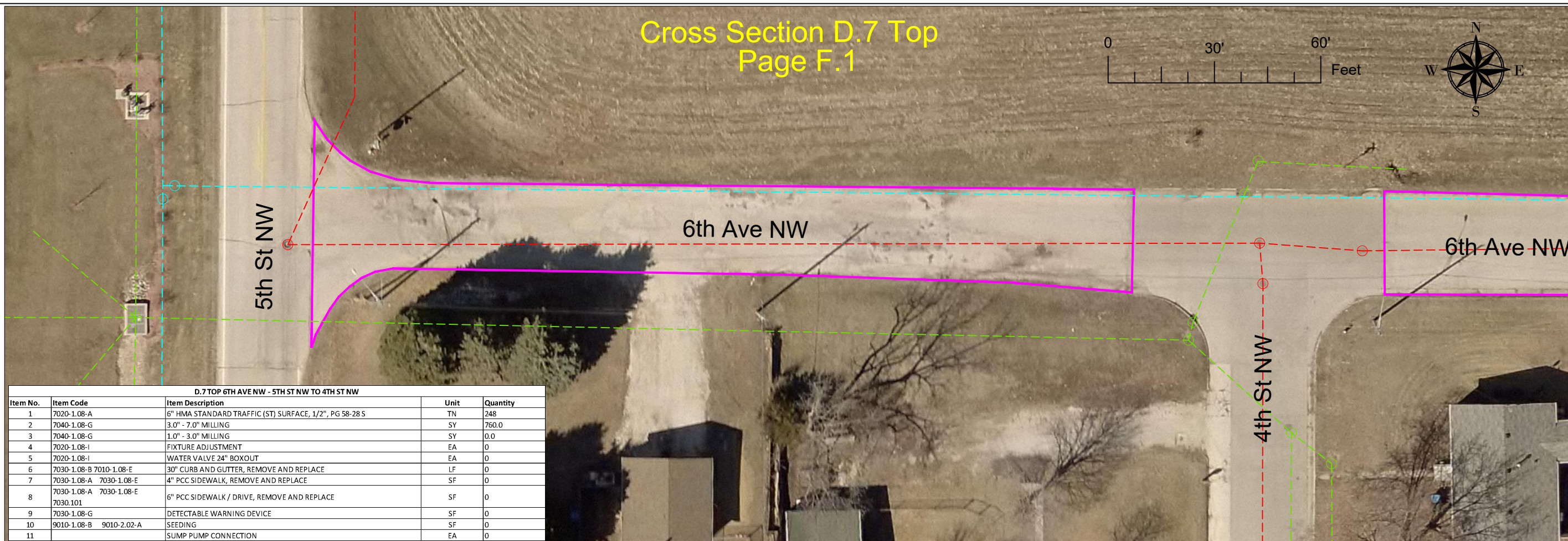
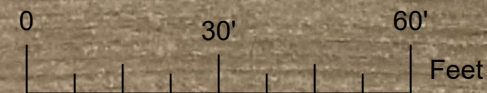


SPECIAL NOTE: MAY ENCOUNTER RR TIES IN S 12TH ST FROM 4TH AVE S TO 3RD AVE S IN MILLING PROCESS.

D.6 BOTTOM S 12TH ST - 3RD AVE S TO 5TH AVE S				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	7" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	496
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1303.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	3
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	1
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

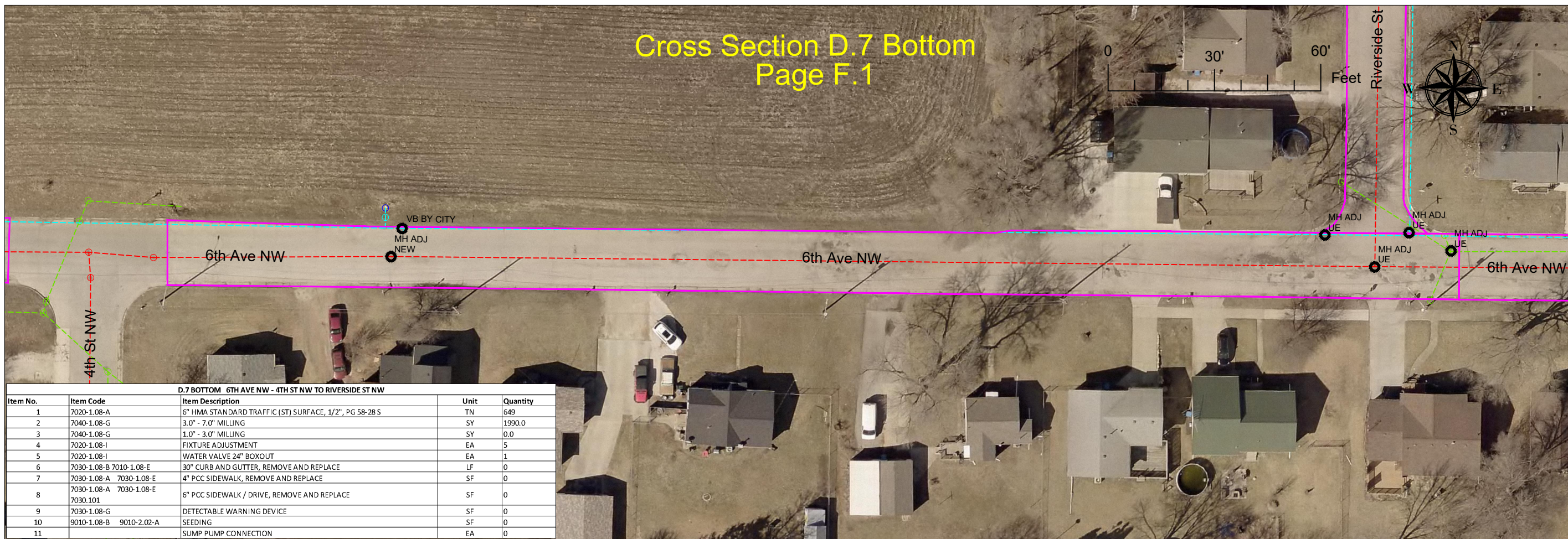
GENERAL NOTES

Cross Section D.7 Top Page F.1



D.7 TOP 6TH AVE NW - 5TH ST NW TO 4TH ST NW				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	6" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	248
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	760.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	0
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Cross Section D.7 Bottom Page F.1



D.7 BOTTOM 6TH AVE NW - 4TH ST NW TO RIVERSIDE ST NW				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	6" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	649
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1990.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	5
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	1
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

2025 ASPHALT Street Repair Project
 City of Fort Dodge Engineering Department
 FORT DODGE, IA
 819 1ST AVE S

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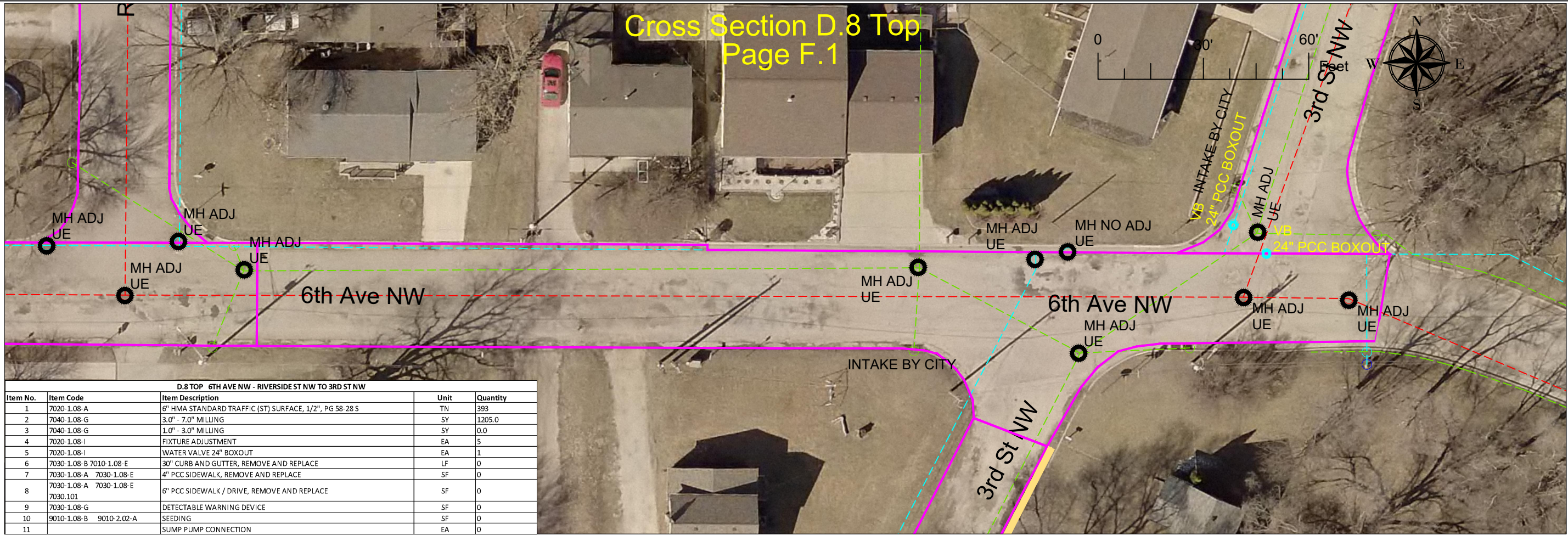
Paving Plan Sheet

Date _____

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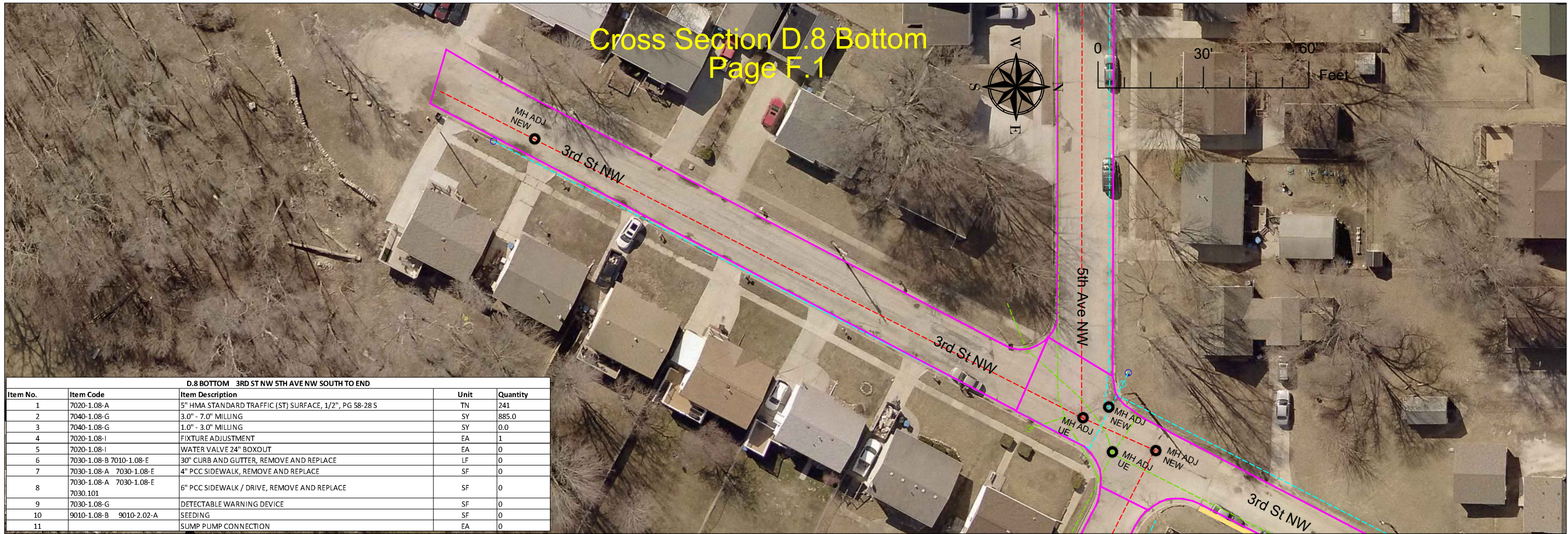
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 12/1/2024

Cross Section D.8 Top
Page F.1



D.8 TOP 6TH AVE NW - RIVERSIDE ST NW TO 3RD ST NW				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	6" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	393
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1205.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	5
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	1
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Cross Section D.8 Bottom
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D.8 BOTTOM 3RD ST NW 5TH AVE NW SOUTH TO END				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	241
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	885.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

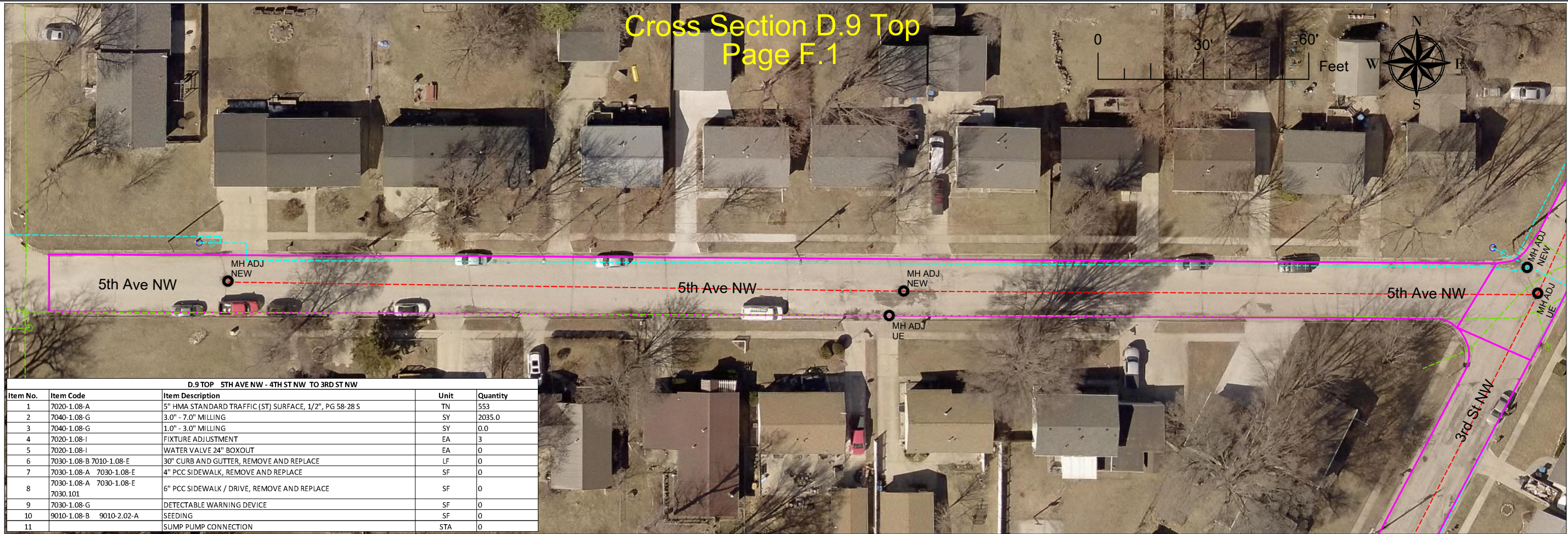
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 City of Fort Dodge Engineering Department
 FORT DODGE, IA
 819 1ST AVE S

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 Date _____

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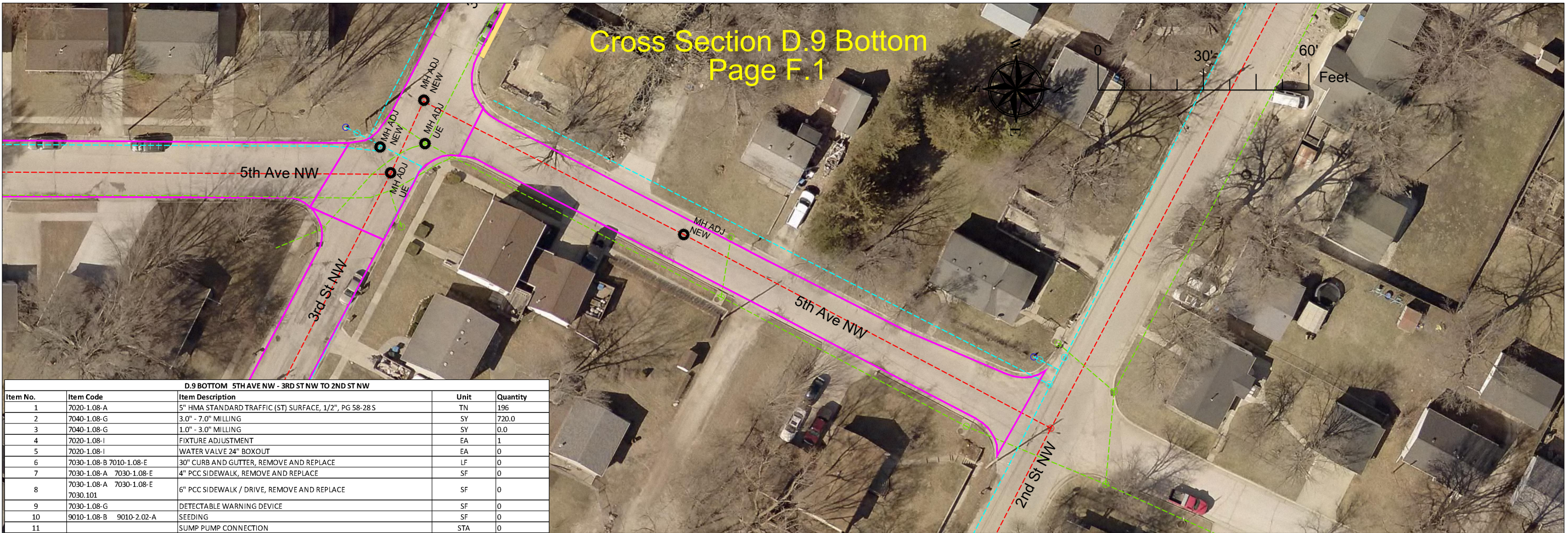
GENERAL NOTES

Cross Section D.9 Top
Page F.1



D.9 TOP 5TH AVE NW - 4TH ST NW TO 3RD ST NW				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	553
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	2035.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	3
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	STA	0

Cross Section D.9 Bottom
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D.9 BOTTOM 5TH AVE NW - 3RD ST NW TO 2ND ST NW				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	196
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	720.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	STA	0

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

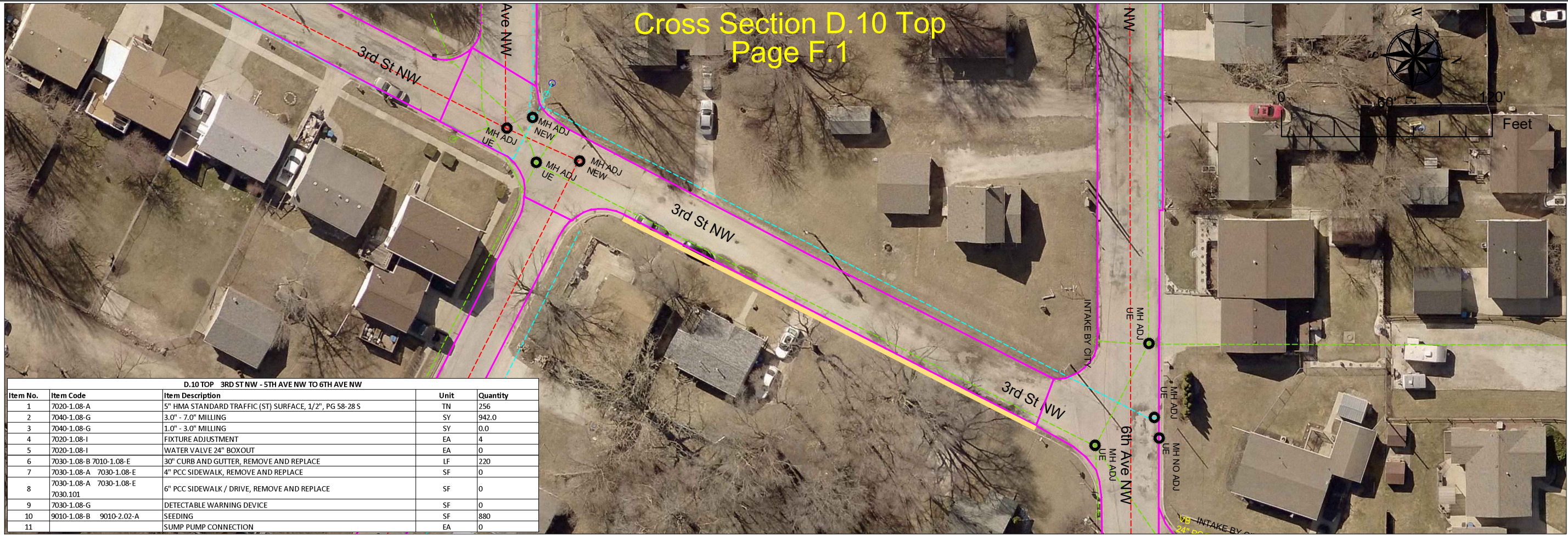
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 City of Fort Dodge Engineering Department
 FORT DODGE, IA
 819 1ST AVE S

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 Date _____

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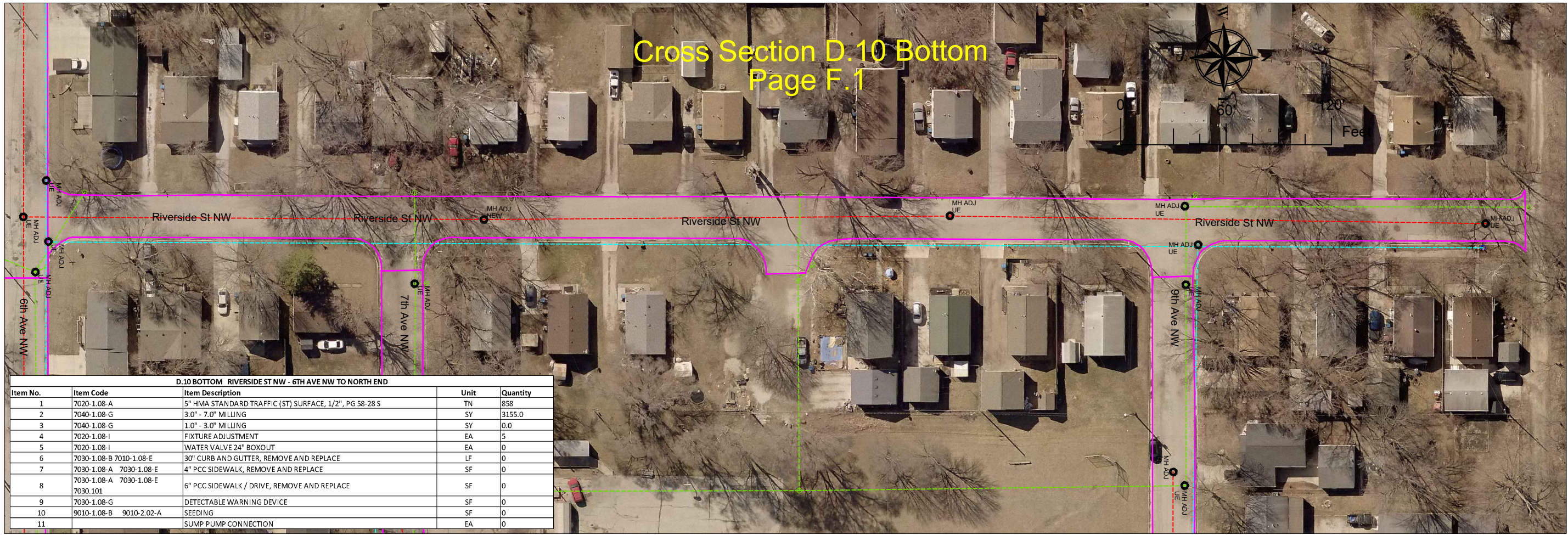
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 Sheet D.9

Cross Section D.10 Top Page F.1



D.10 TOP 3RD ST NW - 5TH AVE NW TO 6TH AVE NW				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	256
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	942.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	4
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	220
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	880
11		SUMP PUMP CONNECTION	EA	0

Cross Section D.10 Bottom Page F.1



D.10 BOTTOM RIVERSIDE ST NW - 6TH AVE NW TO NORTH END				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	858
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	3155.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	5
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

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 City of Fort Dodge Engineering Department
 FORT DODGE, IA
 819 1ST AVE S

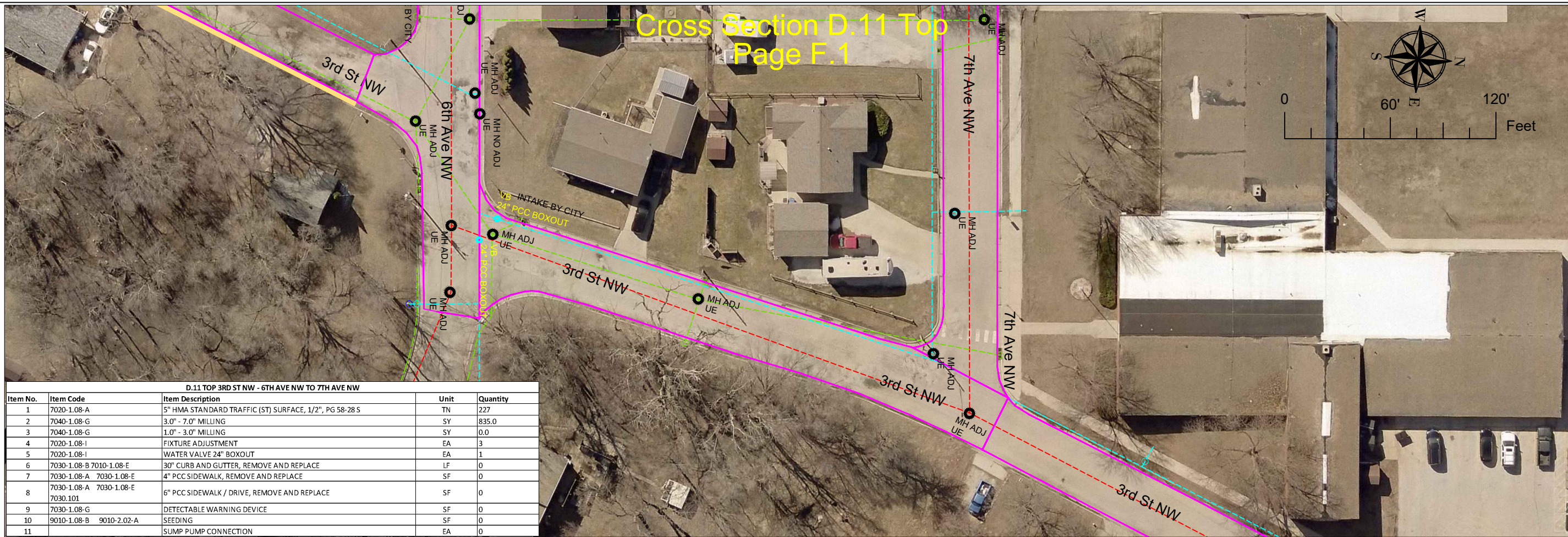
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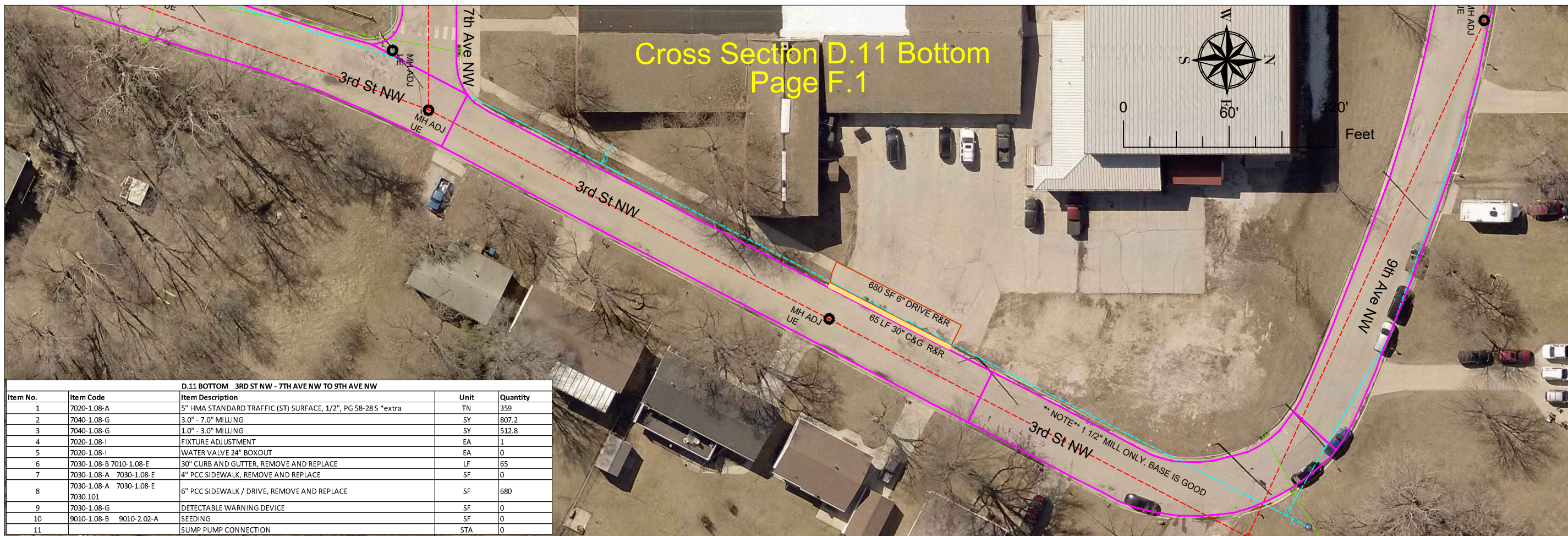
Date: 12/1/2024

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Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	227
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	835.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	3
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	1
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

Cross Section D.11 Bottom
Page F.1



Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S *extra	TN	359
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	807.2
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	512.8
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	65
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	680
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	STA	0

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

2025 ASPHALT Street Repair Project
 City of Fort Dodge Engineering Department
 FORT DODGE, IA
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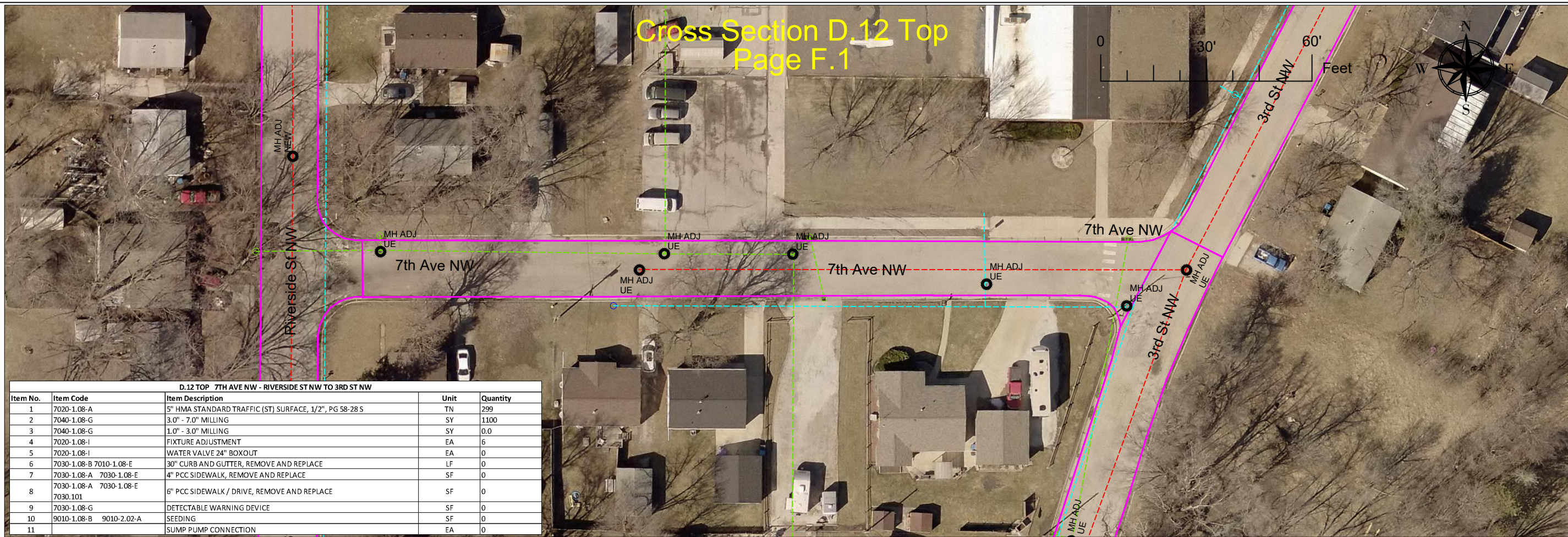
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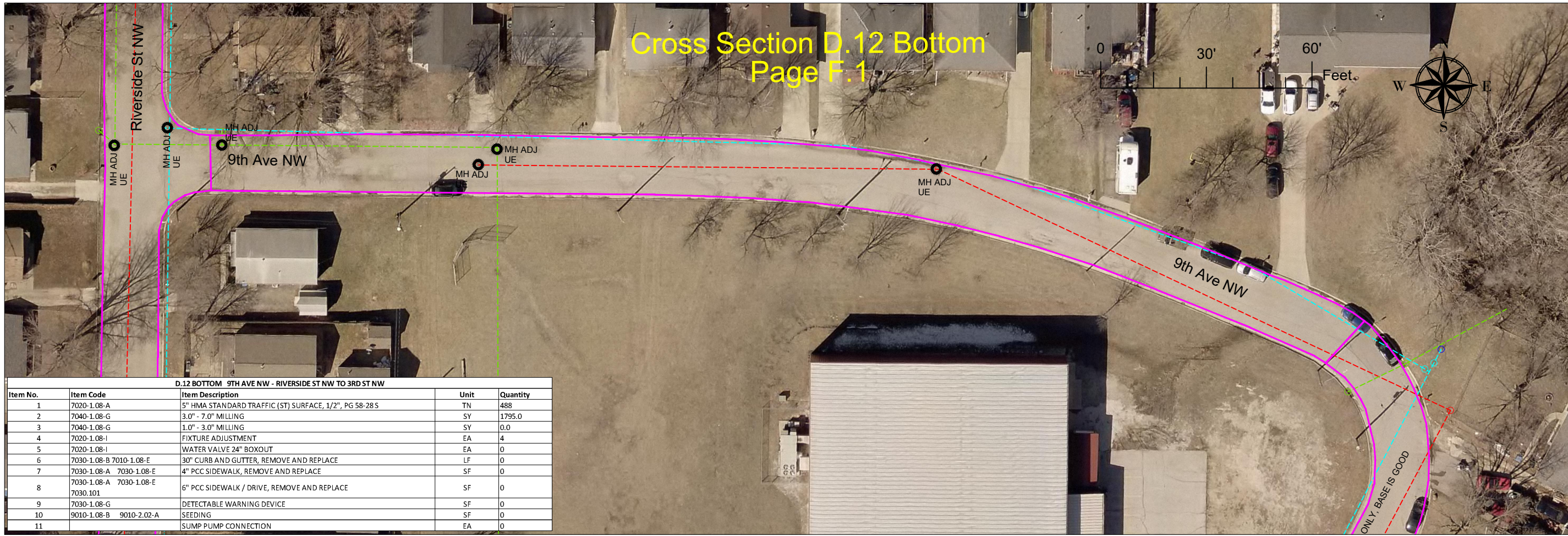
Sheet D.11

Cross Section D.12 Top
Page F.1



Item No.	Item Code	Item Description	Unit	Quantity
D.12 TOP 7TH AVE NW - RIVERSIDE ST NW TO 3RD ST NW				
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	299
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1100
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	6
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

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Page F.1



Item No.	Item Code	Item Description	Unit	Quantity
D.12 BOTTOM 9TH AVE NW - RIVERSIDE ST NW TO 3RD ST NW				
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	488
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1795.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	4
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	0
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	0
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	0
11		SUMP PUMP CONNECTION	EA	0

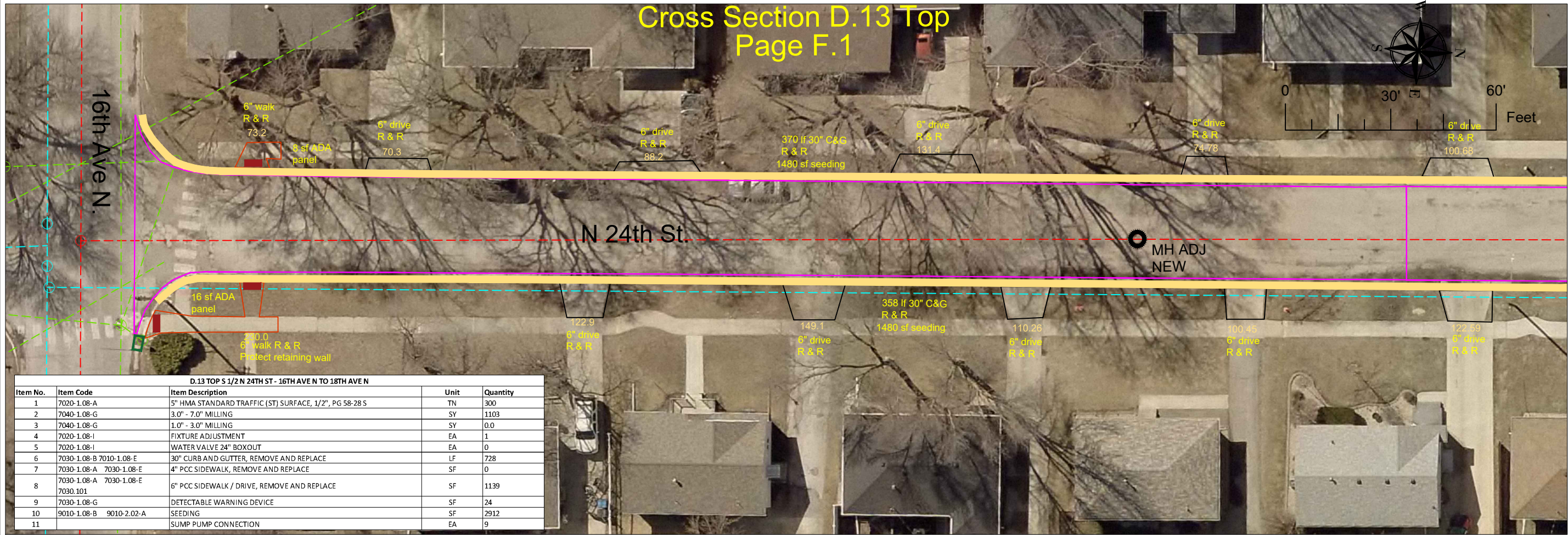
Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

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 City of Fort Dodge Engineering Department
 FORT DODGE, IA
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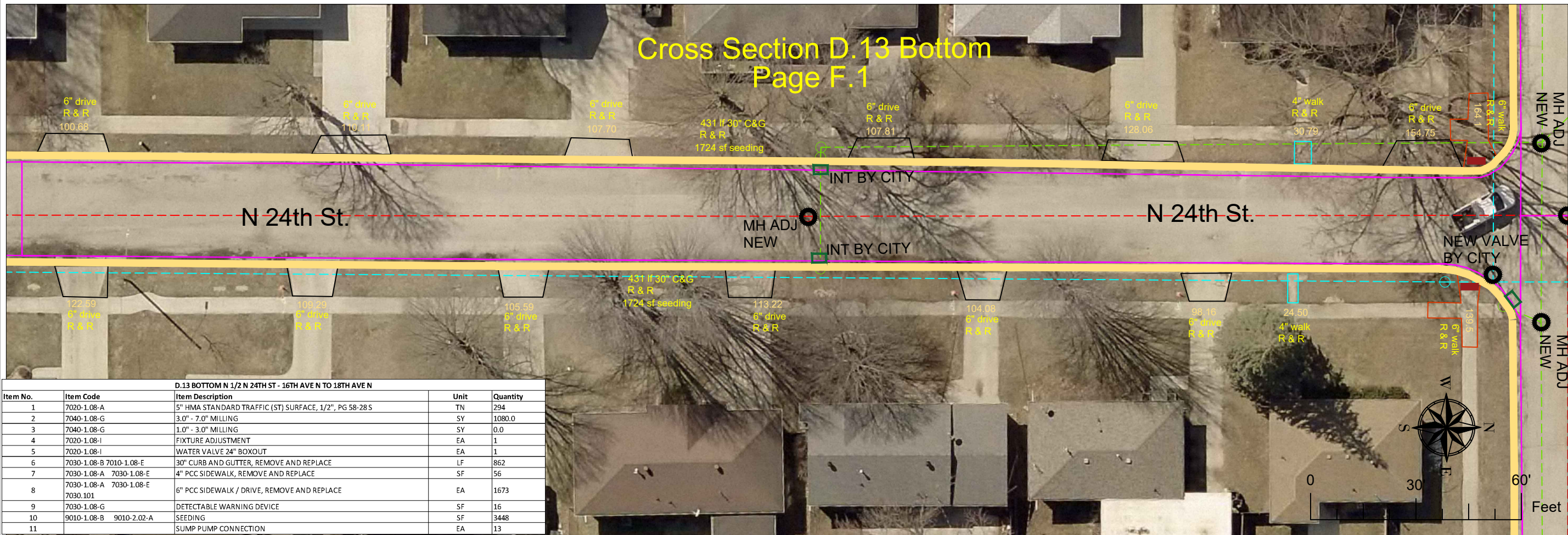
GENERAL NOTES

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Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	300
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1103
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	728
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	1139
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	24
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	2912
11		SUMP PUMP CONNECTION	EA	9

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Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	294
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1080.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	1
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	862
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	56
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	EA	1673
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	16
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	3448
11		SUMP PUMP CONNECTION	EA	13

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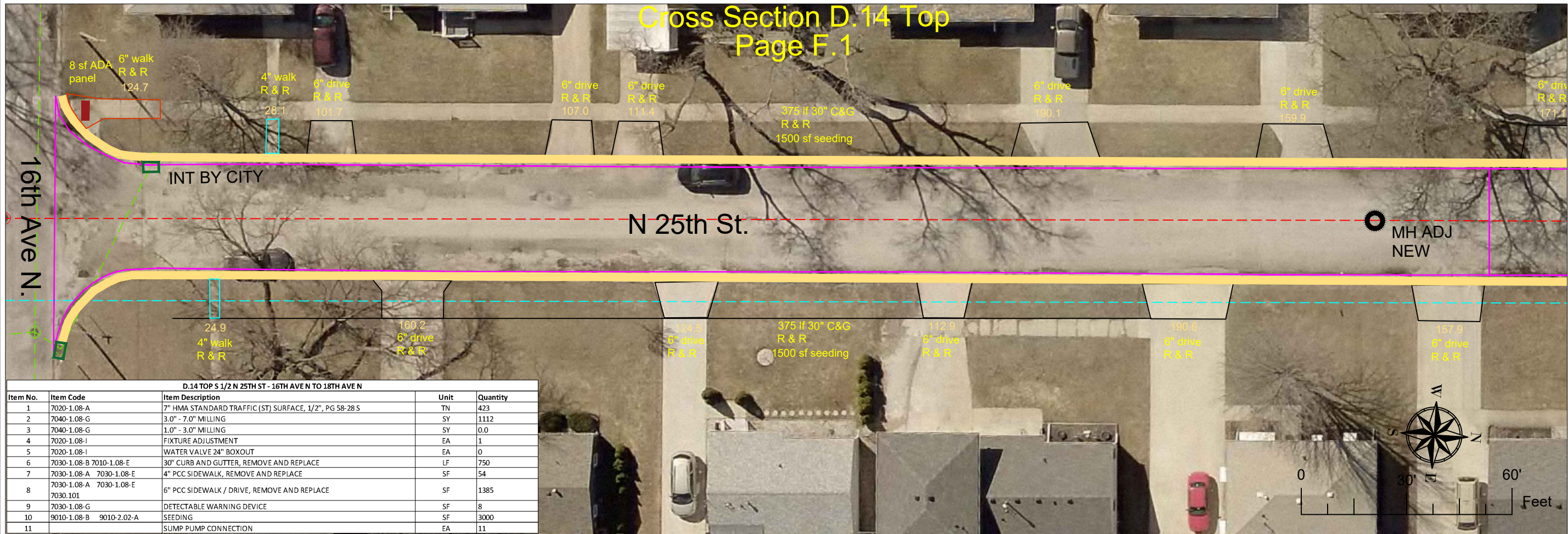
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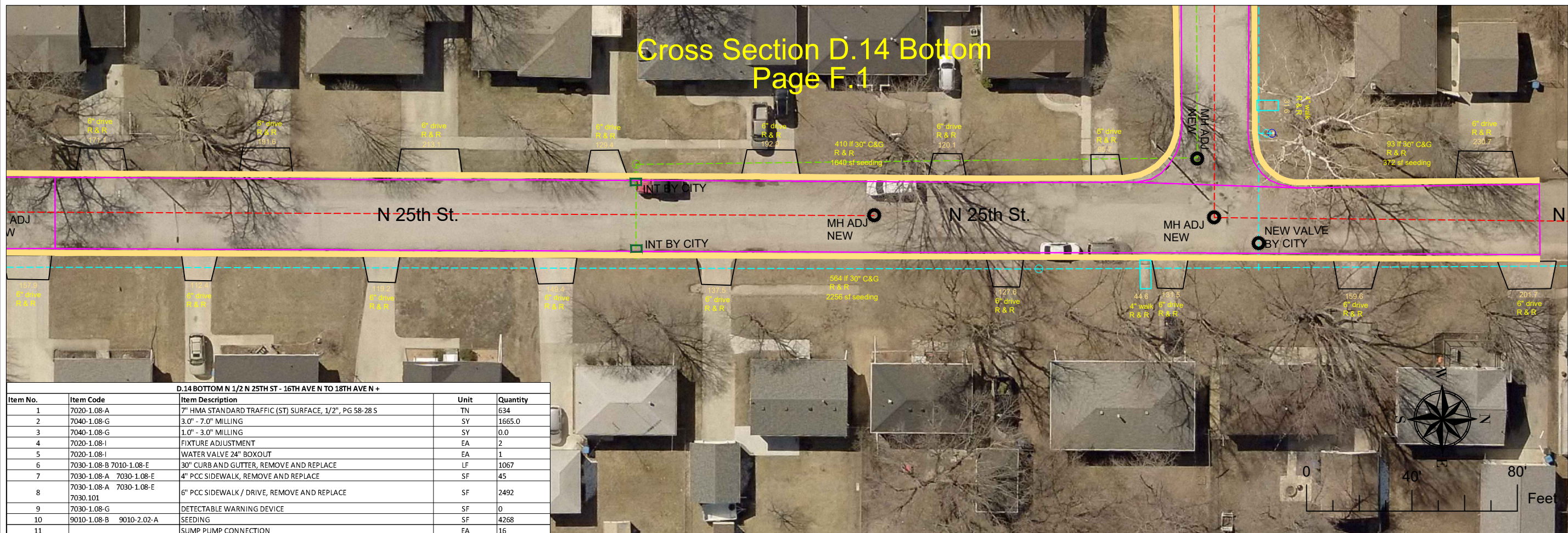
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D.14 TOP S 1/2 N 25TH ST - 16TH AVEN TO 18TH AVEN				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	7" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	423
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1112
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	1
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	750
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	54
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	1385
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	8
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	3000
11		SUMP PUMP CONNECTION	EA	11

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D.14 BOTTOM N 1/2 N 25TH ST - 16TH AVEN TO 18TH AVEN +				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	7" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	634
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1665.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	2
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	1
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	1067
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	45
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	2492
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	4268
11		SUMP PUMP CONNECTION	EA	16

Designed David Odor, PLS
 Drawn David Odor, PLS
 Checked Austin Morrow, PE

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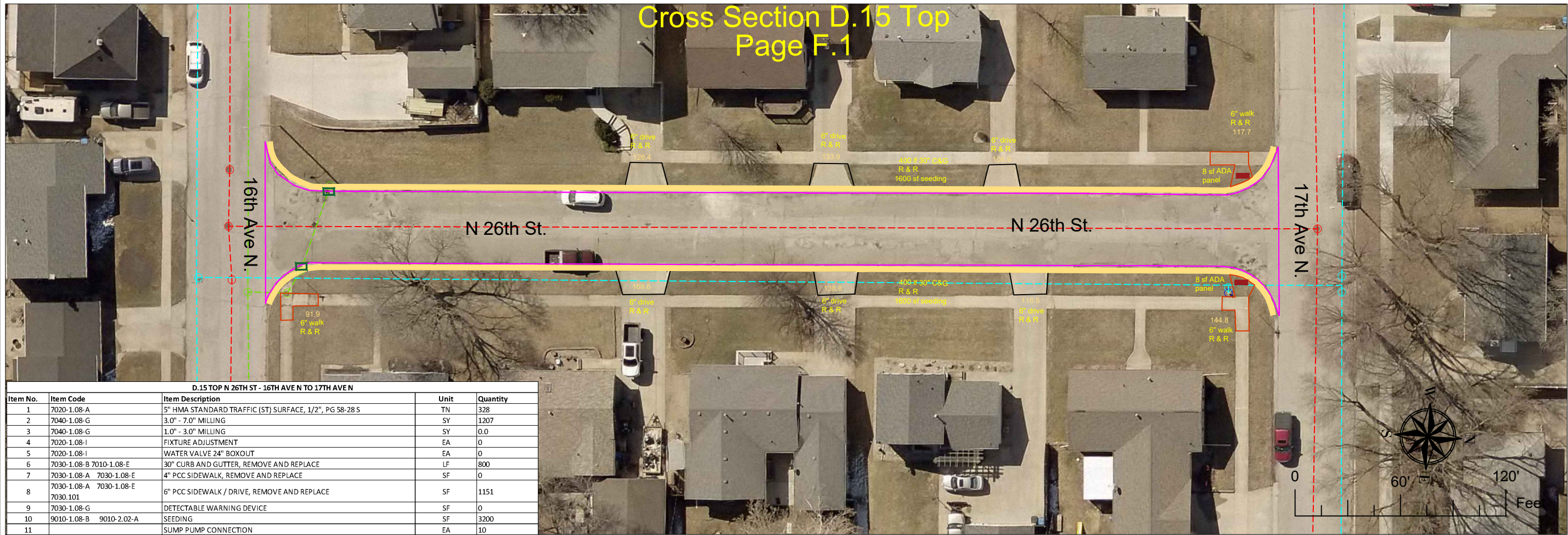
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Page F.1



D.15 TOP N 26TH ST - 16TH AVEN TO 17TH AVEN				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	328
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	1207
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	0
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	800
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	1151
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	3200
11		SUMP PUMP CONNECTION	EA	10

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D.15 BOTTOM 18TH AVEN - WEST OF N 23RD ST				
Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	250
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	921.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	3
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	584
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	553
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	2336
11		SUMP PUMP CONNECTION	EA	5

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Drawn David Odor, PLS
Checked Austin Morrow, PE

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City of Fort Dodge Engineering Department
FORT DODGE, IA
819 1ST AVE S

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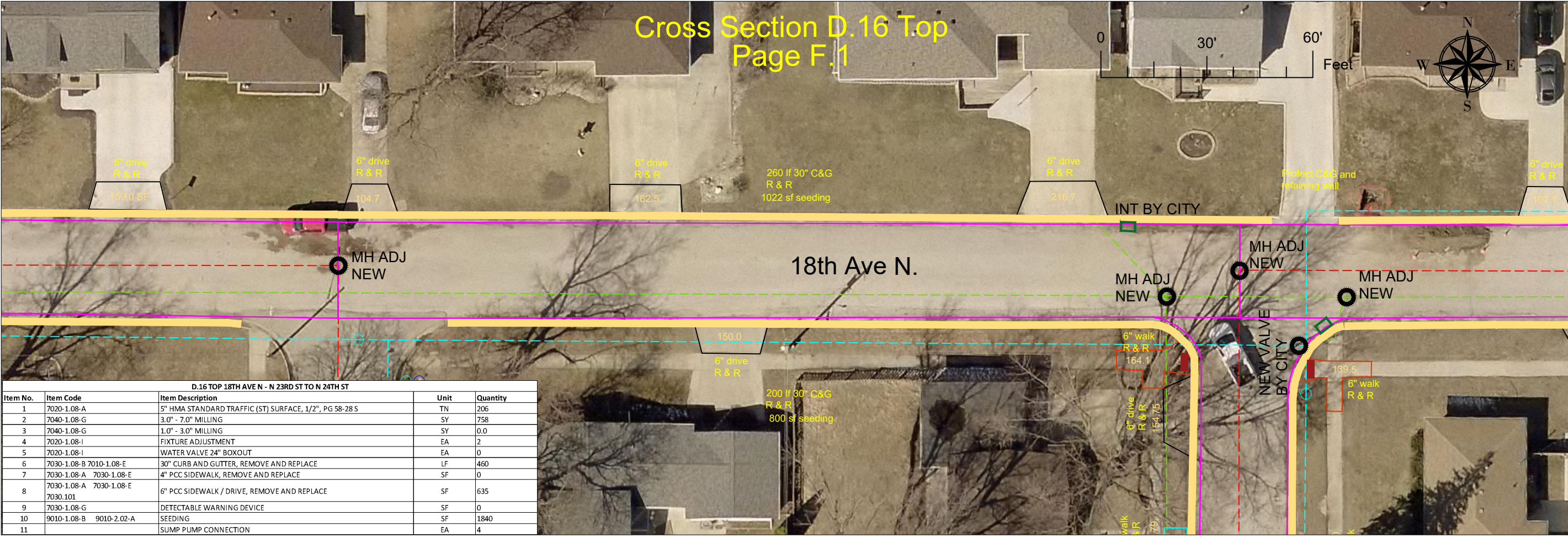
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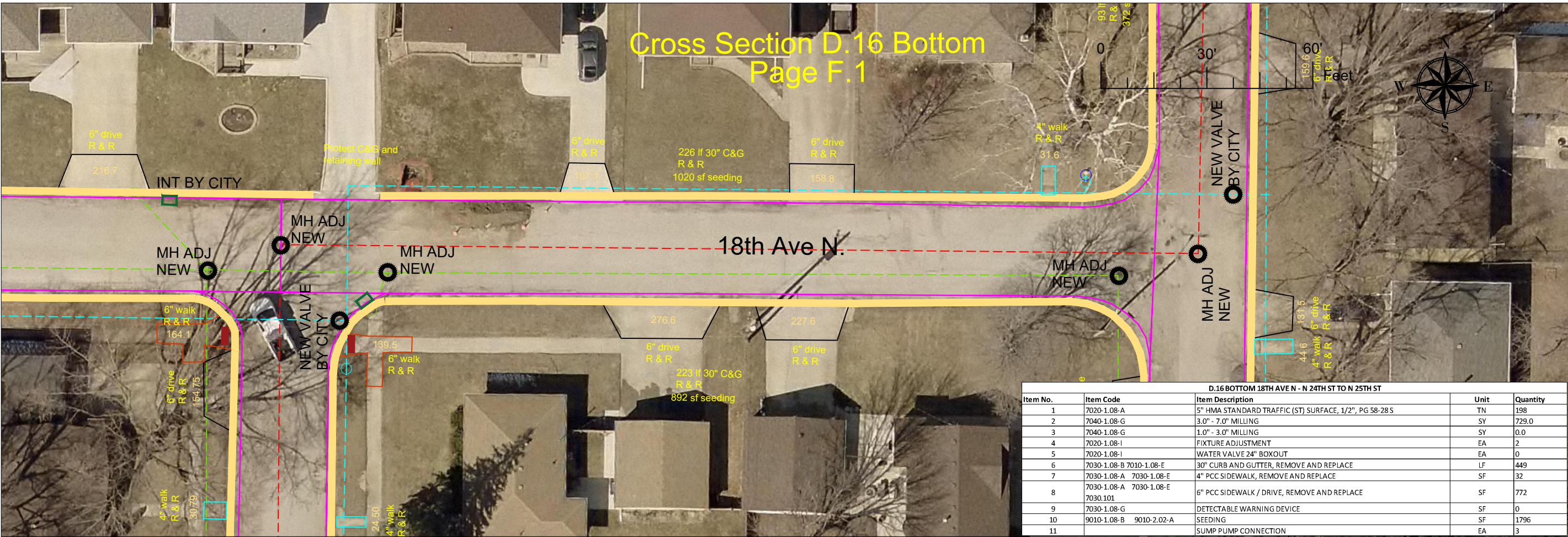
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Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	206
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	758
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	2
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	460
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	0
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	635
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	1840
11		SUMP PUMP CONNECTION	EA	4

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Item No.	Item Code	Item Description	Unit	Quantity
1	7020-1.08-A	5" HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28 S	TN	198
2	7040-1.08-G	3.0" - 7.0" MILLING	SY	729.0
3	7040-1.08-G	1.0" - 3.0" MILLING	SY	0.0
4	7020-1.08-I	FIXTURE ADJUSTMENT	EA	2
5	7020-1.08-I	WATER VALVE 24" BOXOUT	EA	0
6	7030-1.08-B 7010-1.08-E	30" CURB AND GUTTER, REMOVE AND REPLACE	LF	449
7	7030-1.08-A 7030-1.08-E	4" PCC SIDEWALK, REMOVE AND REPLACE	SF	32
8	7030-1.08-A 7030-1.08-E 7030.101	6" PCC SIDEWALK / DRIVE, REMOVE AND REPLACE	SF	772
9	7030-1.08-G	DETECTABLE WARNING DEVICE	SF	0
10	9010-1.08-B 9010-2.02-A	SEEDING	SF	1796
11		SUMP PUMP CONNECTION	EA	3

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 City of Fort Dodge Engineering Department
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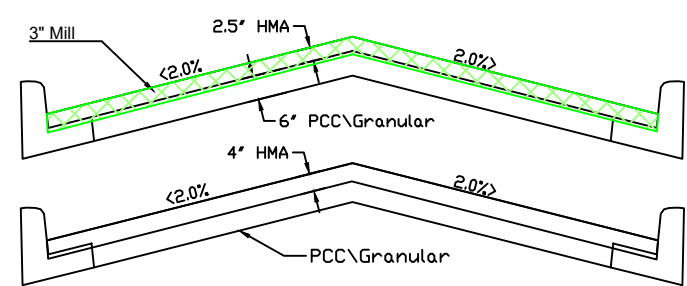
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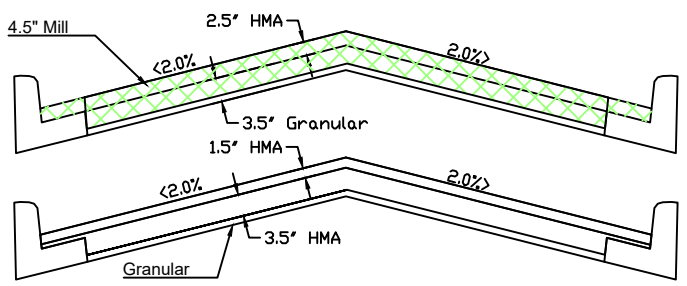
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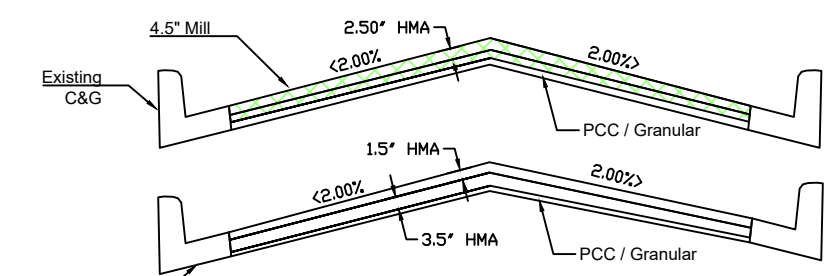
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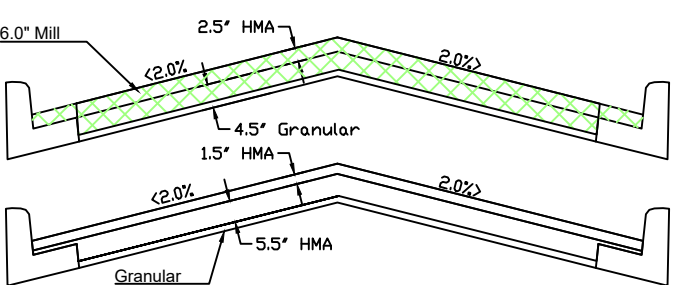
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D.5 TOP
D.5 BOTTOM



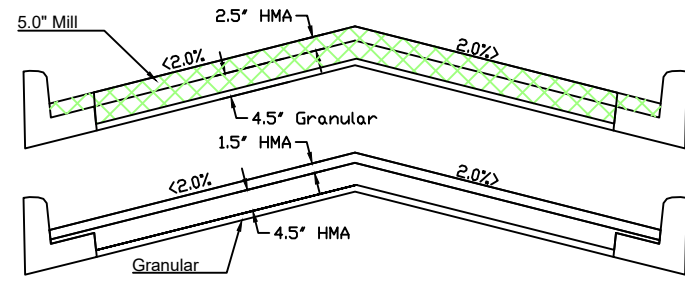
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D.11 BOTTOM
D.12 TOP
D.12 BOTTOM



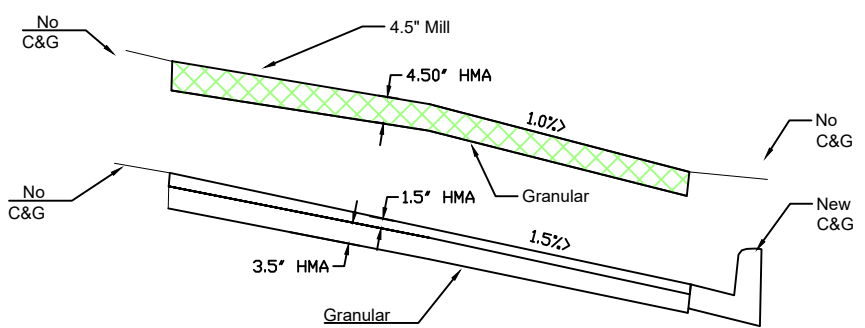
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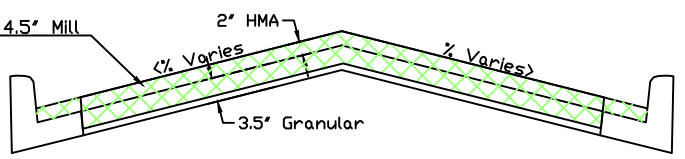
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D.8 TOP



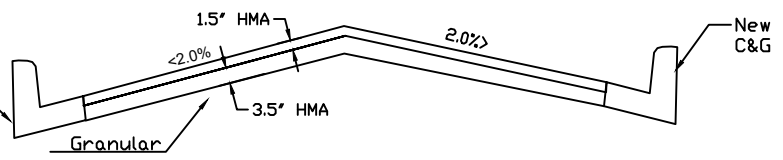
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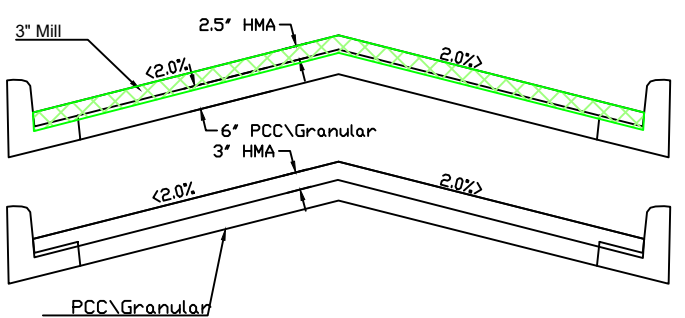
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D.14 TOP
D.14 BOTTOM



D.17 TOP
D.17 BOTTOM



SEE PLAN NOTE

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Drawn David Odor, PLS
Checked Austin Morrow, PE

2024 Asphalt Street Repair Project
City of Fort Dodge Engineering Department
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Street Cross Sections

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