

CITY OF FERGUSON

2023 STREET IMPROVEMENTS

COMMUNITY DEVELOPMENT BLOCK GRANT

CITY OF FERGUSON, ST. LOUIS COUNTY, MO

IMPROVEMENT PLANS

PROJECT NUMBER: 9703-22-1

GENERAL NOTES

- ALL UTILITIES, EITHER SHOWN OR NOT SHOWN, IN DIRECT CONFLICT WITH THIS CONSTRUCTION SHALL BE RELOCATED BY OTHERS (RESPECTIVE UTILITY COMPANY). CONTRACTOR SHALL COORDINATE THE WORK WITH EACH UTILITY COMPANY AFFECTED.
- THE CONTRACTOR SHALL KEEP ALL ADJACENT PAVEMENTS CLEAN AND FREE OF MUD, ROCK, AND DEBRIS AT ALL TIMES DURING CONSTRUCTION.
- ALL DRIVEWAYS DAMAGED BY THIS CONSTRUCTION IN EXCESS OF THAT INDICATED ON THE PLANS SHALL BE REPAVED AT THE CONTRACTOR'S EXPENSE AS FOLLOWS:

CONCRETE DRIVEWAYS:

- FULL SLAB AND JOINT REMOVAL AND REPLACEMENT.
- 4" TYPE 5 AGGREGATE BASE
- 6" NON-REINFORCED CONCRETE

ASPHALT DRIVEWAYS:

- SAW CUT MINIMUM 3" DEEP.
- 4" TYPE 5 AGGREGATE BASE
- 4" TYPE "TP-1" ASPHALT CONCRETE SURFACE COURSE

STORM SEWER:

- REMOVE WASTE MATERIALS, INCLUDING EXCAVATED MATERIALS, TRASH, AND DEBRIS AND DISPOSE OF IT OFF OWNER'S PROPERTY.

CONTRACTOR SHALL REPLACE ALL MAILBOXES, BUSHES, FENCES, ETC. DAMAGED BY THIS CONSTRUCTION, IN KIND, AT THE CONTRACTOR'S EXPENSE. PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING CONDITIONS, TREES, ETC.

CONTRACTOR SHALL REPLACE ALL MAILBOXES, BUSHES, FENCES, ETC. AS REQUIRED BY THE MANUFACTURER ON UNIFORM TRAFFIC CONTROL DEVICES.

- CONTRACTOR TO SOD ALL GRASS AREAS DISTURBED BY THIS CONSTRUCTION. CONTRACTOR SHALL MAINTAIN SOD FOR A 30 DAY PERIOD FROM LAY DOWN. BACKFILL WITH CLEAN MATERIAL, FINISH GRADE AND SOD BEHIND NEW CURBS WITHIN 7 DAYS. PROVIDE SMOOTH TRANSITION WITH EXISTING GRADE AREAS DISTURBED OUTSIDE OF DESIGNATED GRADING/SOD LIMITS SHALL BE REPAVED AT THE CONTRACTOR'S EXPENSE, UNLESS APPROVED BY THE ENGINEER.

CONTRACTOR SHALL NOTIFY EACH AFFECTED PROPERTY OWNER A MINIMUM OF 48 HOURS PRIOR TO

ANY WORK.

CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC.

ALL ROAD AND SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC STANDARDS, MSD AND MODOT STANDARDS.

- INTERIM STORMWATER DAMAGE CONTROL (SILTATION CONTROL, SILTATION BASINS, ETC.) MAY BE REQUIRED BY THE ENGINEER. SILTATION CONTROL DEVICES SHALL BE MAINTAINED BY THE CONTRACTOR DURING GRADING OPERATIONS AND UNTIL SUFFICIENT VEGETATION IS ESTABLISHED TO PREVENT EROSION. TEMPORARY SILTATION DEVICES SHALL BE REMOVED UPON COMPLETION OF RE-VEGETATION.

- CONTRACTOR SHALL REMOVE AND STOCKPILE ALL EXISTING SIGNS IN CONFLICT WITH THE NEW ROADWAY AND DRIVEWAY CONDITIONS.

CONTRACTOR, UPON COMPLETION OF THE PROJECT, THEY SHALL BE REINSTALLED AS DIRECTED BY THE ENGINEER.

- PROVIDE ADEQUATE OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES. PARKING ON NON-SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHERE MUD FROM CONSTRUCTION AND EMPLOYEE VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONDITIONS.

CONTRACTOR SHALL REMOVE AND STOCKPILE ALL EXISTING SIGNS IN CONFLICT WITH THE NEW ROADWAY AND DRIVEWAY CONDITIONS.

CONTRACTOR SHALL REINSTATE ALL NEW GUTTER LINE EDGES OF

ASPHALT (INCIDENTAL TO COST OF ASPHALT).

ADJUSTMENT OF MSD MANHOLE TO GRADE

IF THE MANHOLE IS TO BE RAISED: MANHOLES MAY BE RAISED USING COURSES OF BRICK OR APPROVED GRADE RING(S); PROVIDED THE TOTAL ADJUSTMENT OF THE MANHOLE DOES NOT EXCEED 12-INCHES (INCLUDING EXISTING RINGS OR COURSES OF BRICK). FOR MANHOLES WHICH WILL EXCEED THE MAXIMUM OF 12-INCHES, THE TRANSITION SECTION OF THE STRUCTURE SHALL BE REMOVED AND THE BOTTOM SECTION RAISED USING THE SAME MATERIAL AS THE EXISTING STRUCTURE.

IF THE MANHOLE IS TO BE LOWERED: MANHOLES MAY BE LOWERED BY REMOVING THE EXISTING TRANSITION SECTION, AND LOWERING THE EXISTING BOTTOM SECTION BY SAWCUTTING THE EXISTING CAST-IN-PLACE CONCRETE, REMOVING THE REQUIRED COURSES OF BRICK, OR REMOVING THE PRECAST RISER SECTION AS APPROPRIATE.

18. CONTRACTOR SHALL APPLY HOT RUBBERIZED EDGE SEALANT AT ALL NEW GUTTER LINE EDGES OF

ASPHALT (INCIDENTAL TO COST OF ASPHALT).

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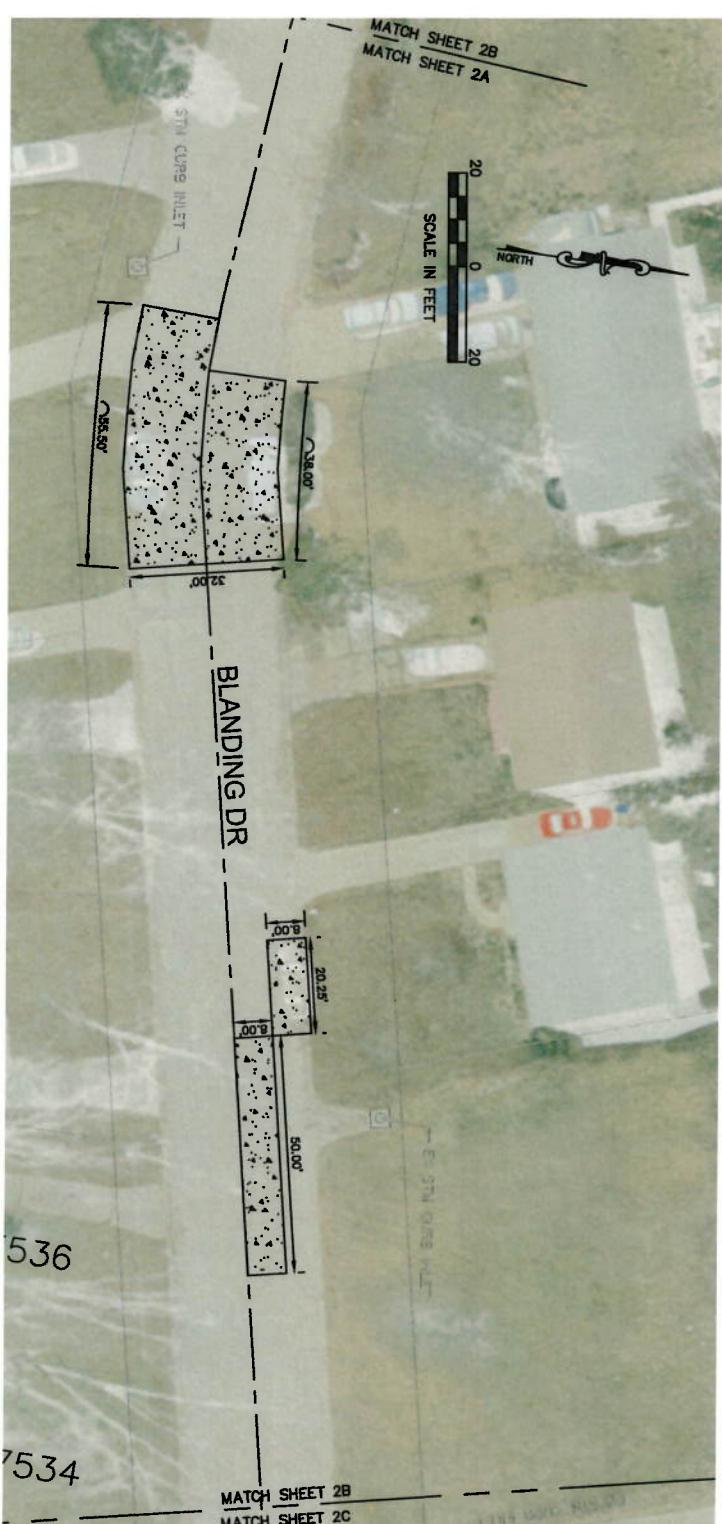
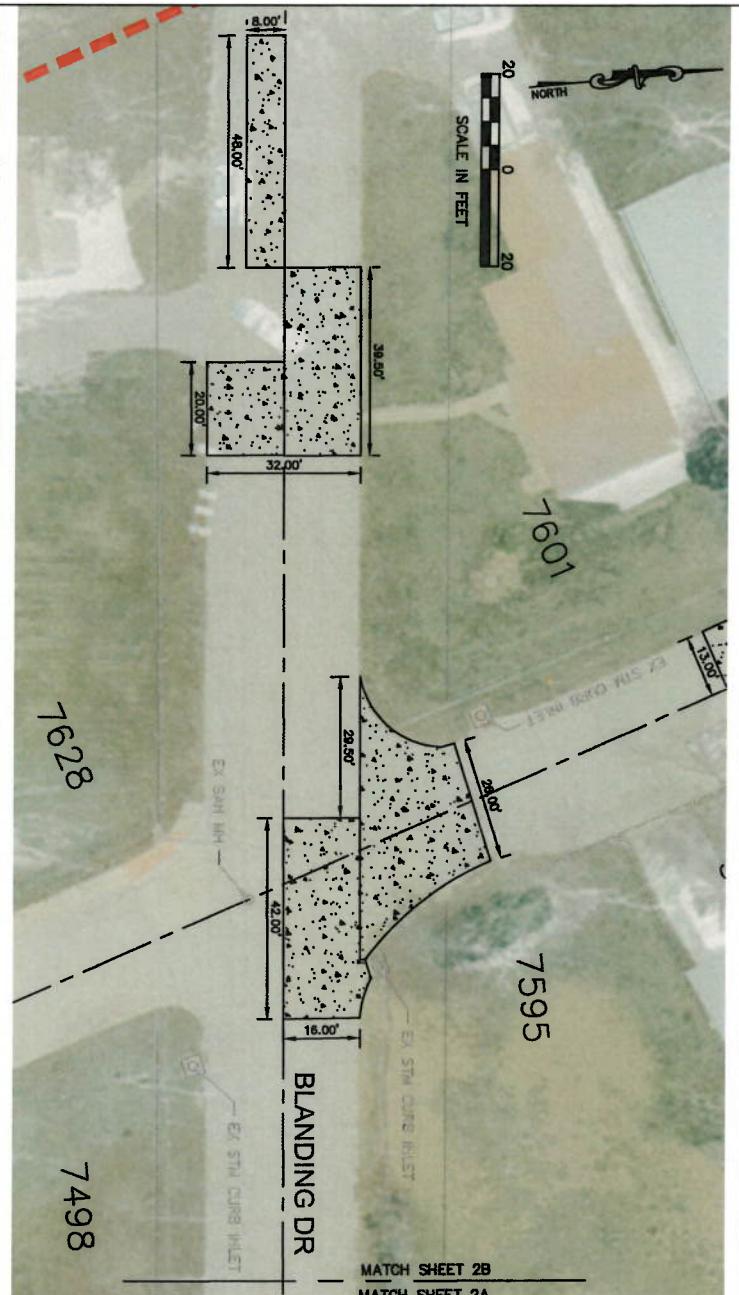
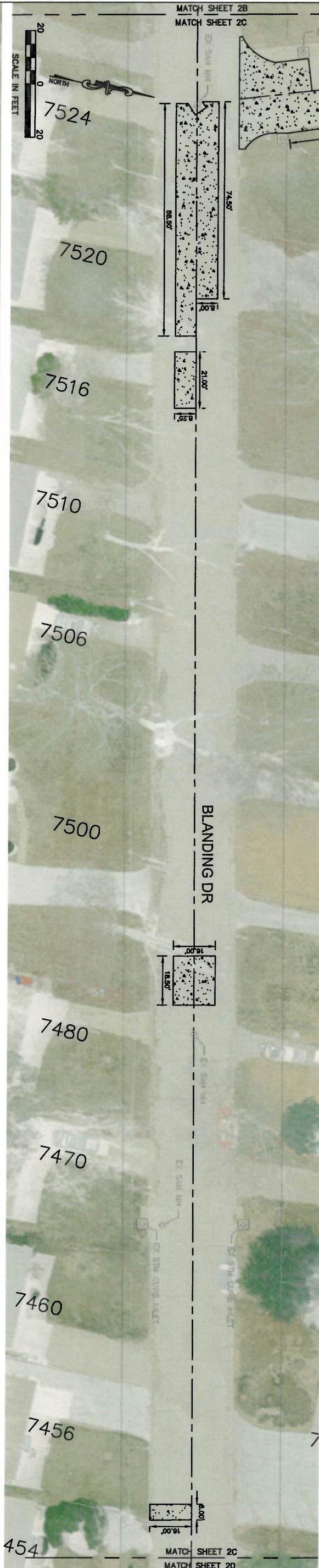
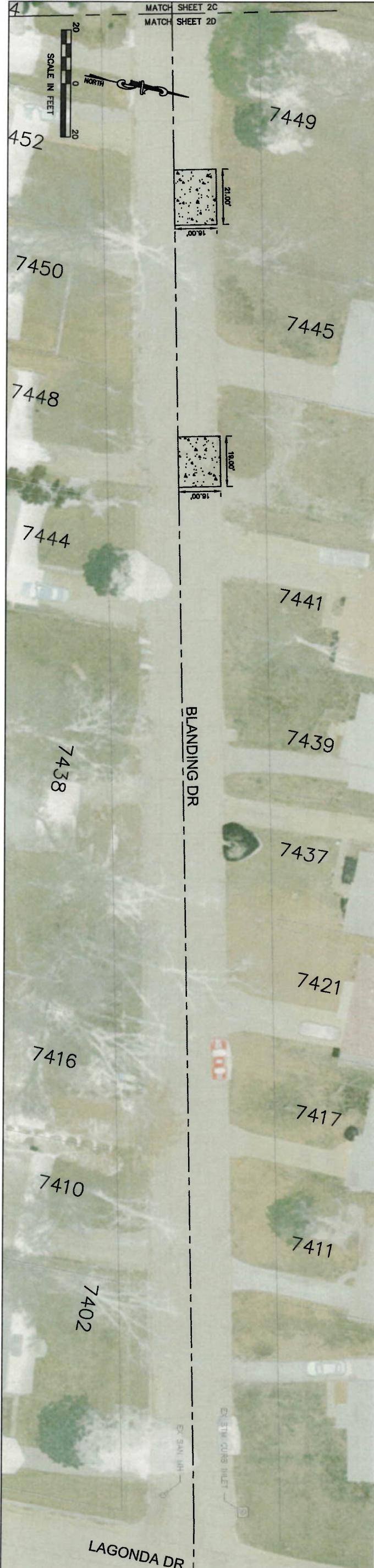
ADJUSTMENT OF MSD MANHOLE TO GRADE

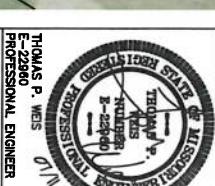
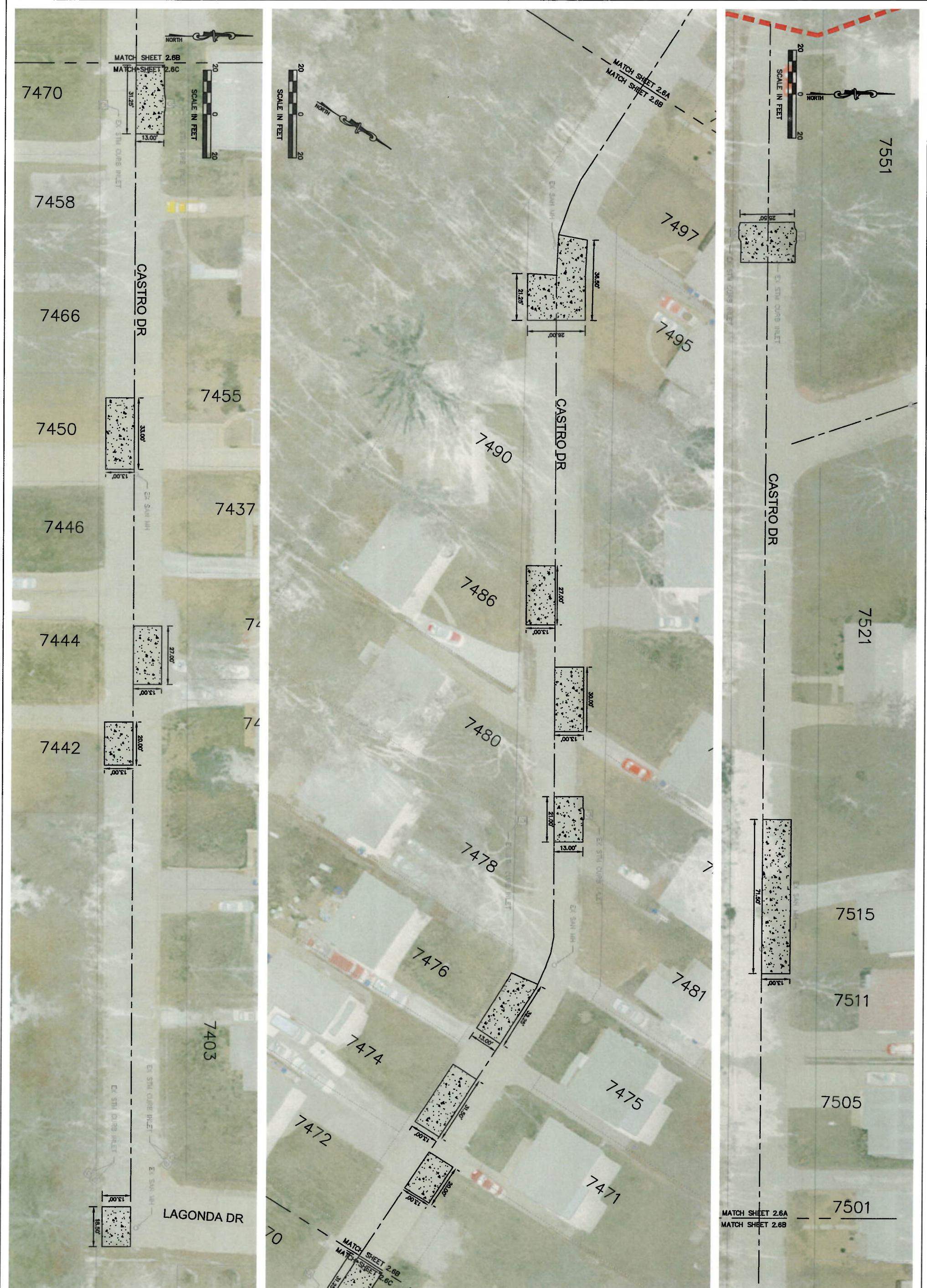
ABBREVIATIONS

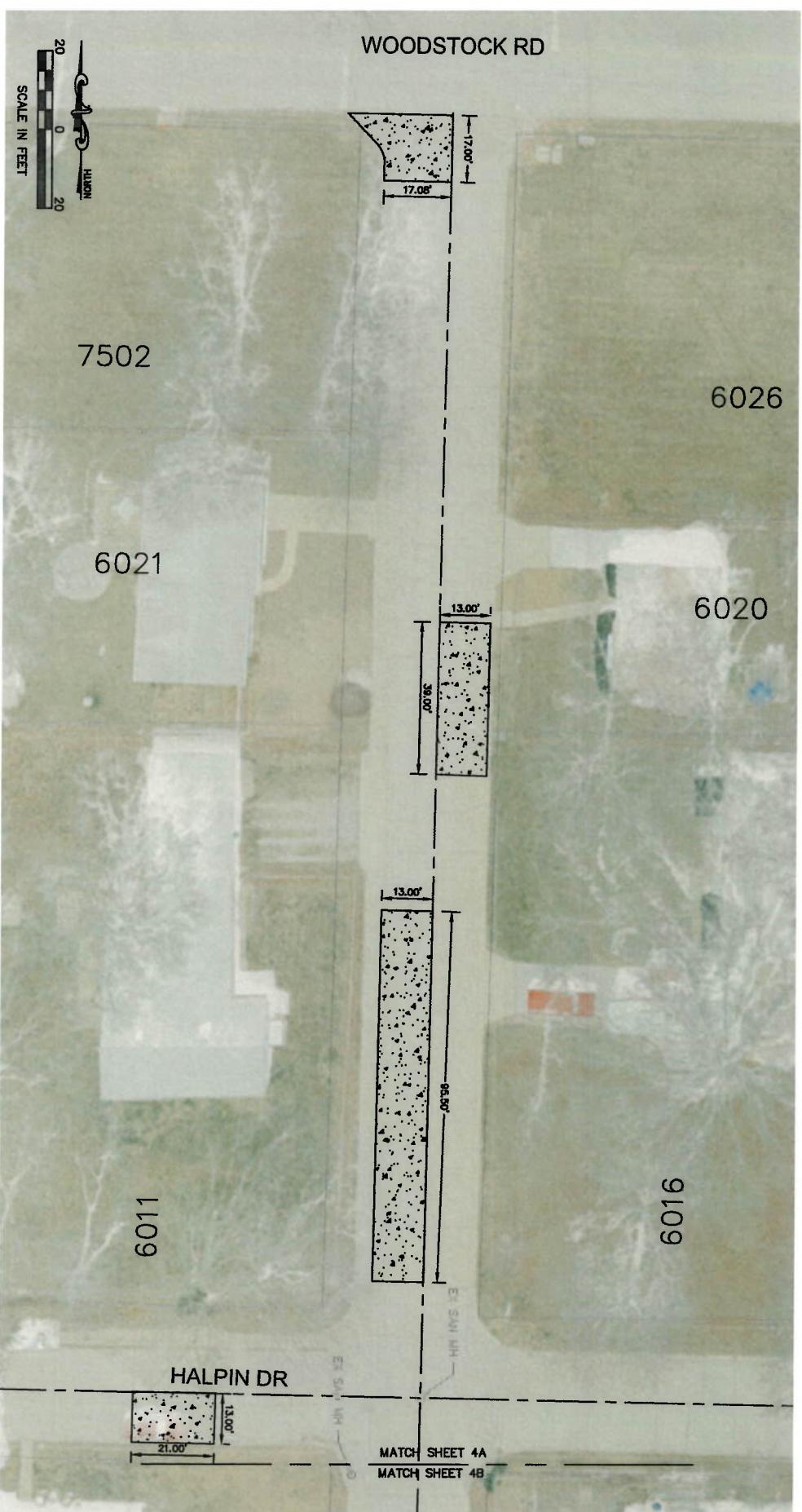
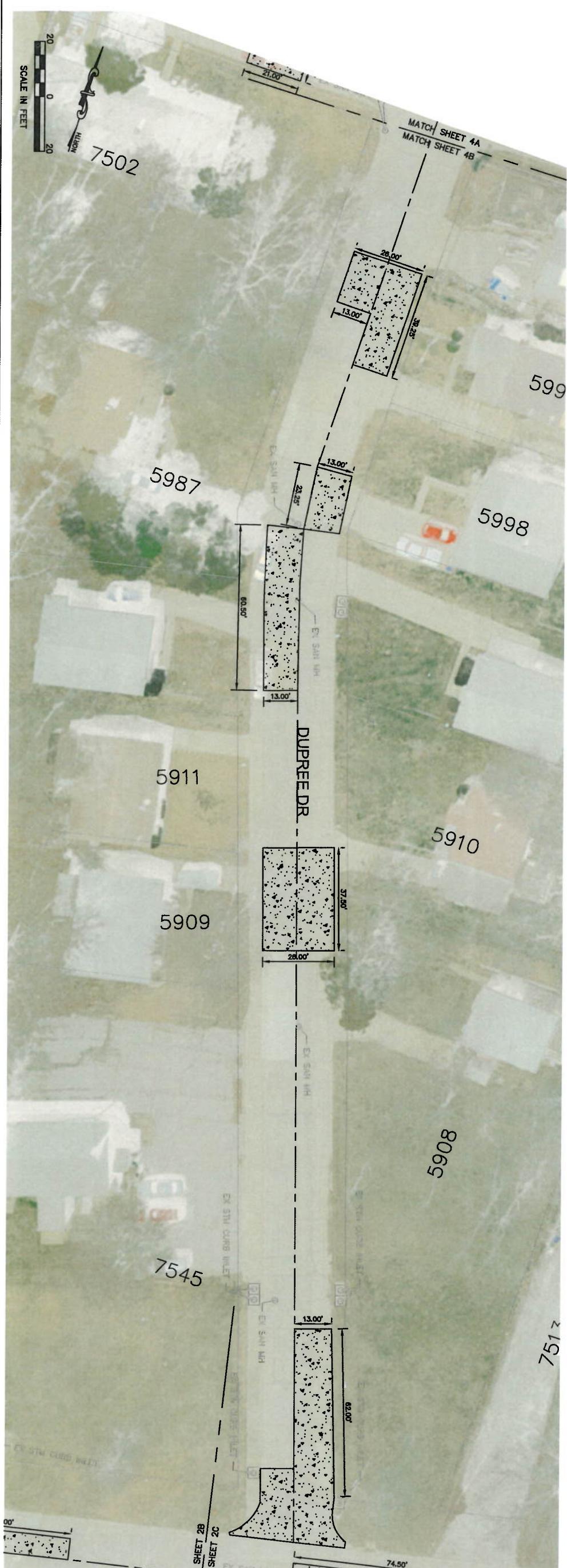
AI	AREA INLET	HGL	HYDRAULIC GRADE LINE
ASPH	ASPHALT	HGL	HYDRAULIC GRADE LINE
ATG	ADJUST TO GRADE	INV	INVERT
BC	BOTTOM OF CURB	LS	LIGHT STANDARD
BM	BENCHMARK	MH	MANHOLE
BO	BY OTHERS	N/F	NOT IN CONTRACT
BW	BOTTOM OF WALL	NIC	NOW OR FORMERLY
CABLE	CABLE TELEVISION	OT	OVERHEAD TELEPHONE
CF	CUBIC FEET	PT	PEDESTRIAN TRAFFIC
CFS	PER SECOND	PL	PROPERTY LINE
CURB	CURB INLET	PR	PROPOSED
CL	CENTERLINE	PVC	POLYVINYL CHLORIDE PIPE
CO	CLEANOUT	PWMT	PIPE
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE
CPP	CORRUGATED METAL PIPE	R/W, ROW	RIGHT OF WAY
DAI	DOUBLE AREA INLET	STA	STATION
DCI	DOUBLE CURB INLET	TOP	TOP
DND	DO NOT DISTURB	TBA	TO BE ABANDONED
DS	DRAINSPOUT	TBR	TO BE REMOVED
DT	DEAINTLE	TCR	TOP BE REMOVED & REPLACED
ELEV	ELEVATION	TCE	TOP OF CURB
EOP	EDGE OF PAVEMENT	TCI	TEMPORARY CONSTRUCTION EASEMENT
ESMT	EXISTING	TSCL	TEMPORARY SLOPE & CONSTRUCTION LICENSE
EX	EXISTING	1	CALL "MISSOURI ONE CALL" TO HAVE LOCATIONS
FE	FLARED END	2	MARKED IN THE FIELD AND "POD" FOR
FF	FINISHED FLOOR	3	UNDERGROUND LOCATES WITHIN THE RIGHT-OF-WAY.
FL	FIRE HYDRANT	4	SUBSCRIBING UTILITIES REQUIRE 48 HOURS NOTICE
FLOWLINE	FLOWLINE	5	PRIOR TO CONSTRUCTION, CALL MODOT CUSTOMER
FO	FOOT	6	SERVICE AT 314-340-4100 TWO WORKING DAYS
GRATE	GRATE INLET	7	BEFORE YOU DIG
INLET	WATER METER	8	BEFORE YOU DIG
WW	WATER VALVE	9	BEFORE YOU DIG

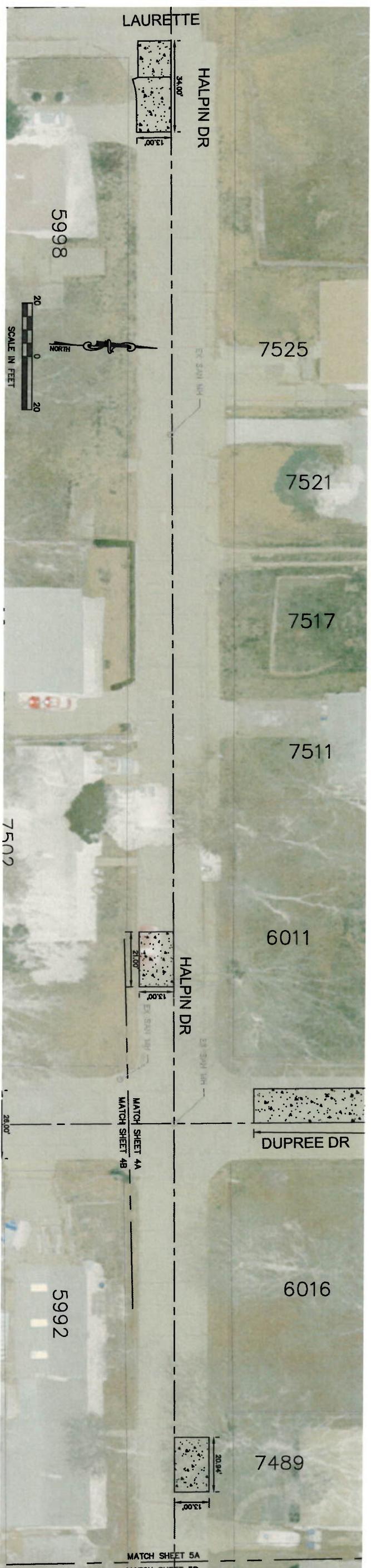
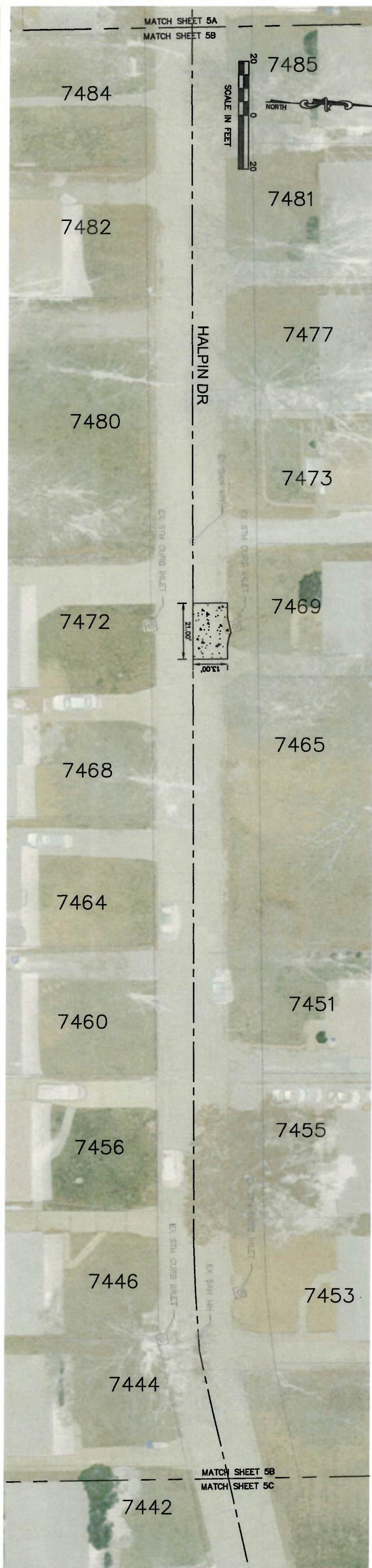
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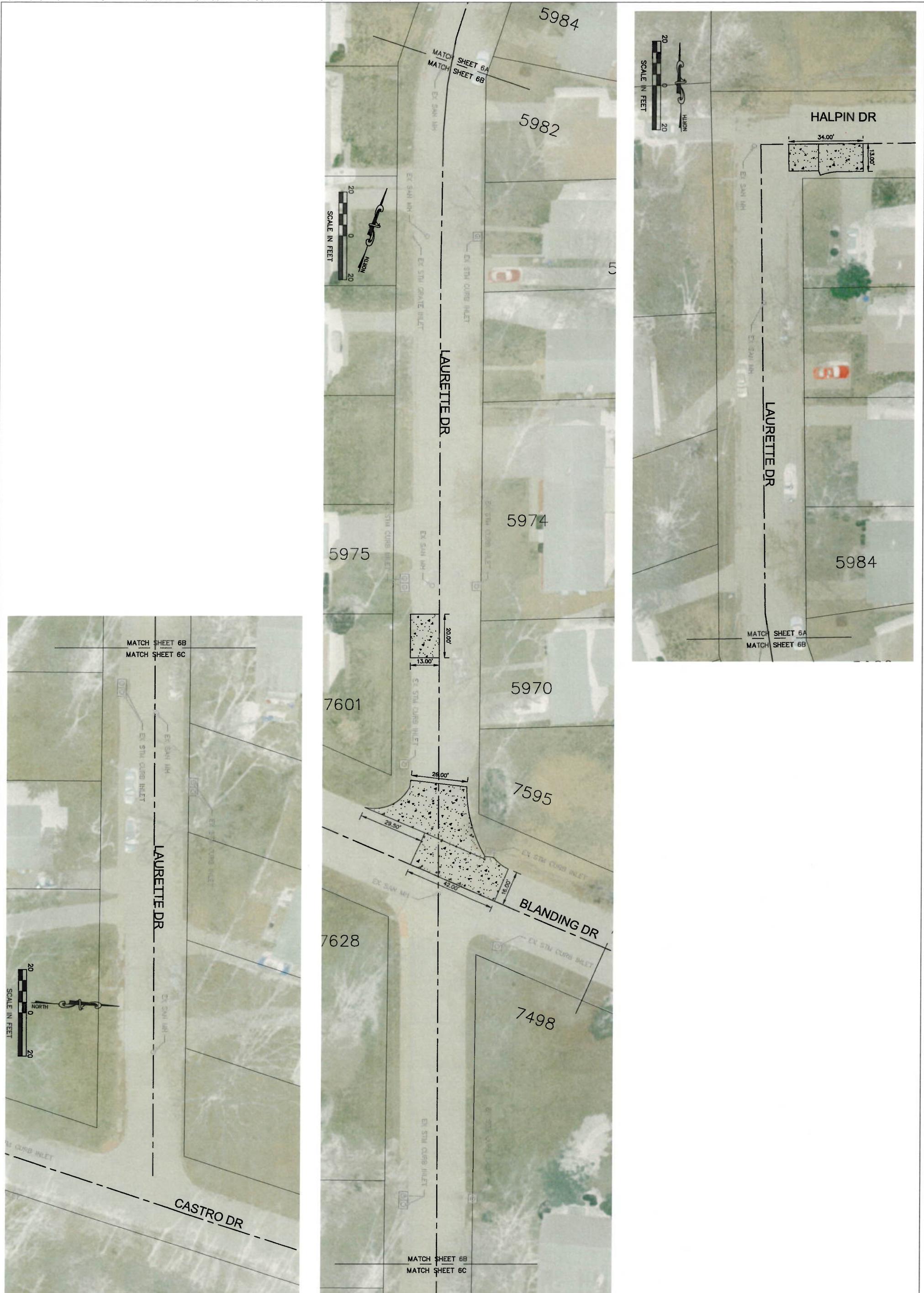
SHEET INDEX











		REVISIONS	
DESIGNED BY:	BTW		
DRAWN BY:	BTW		
CHECKED BY:	TPW		
BASE MAP(S):			
ISSUE DATE: 07/14/23	MSD P-		
SHEET NO.	6		
WDG # 9703-22-1			

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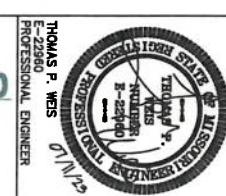
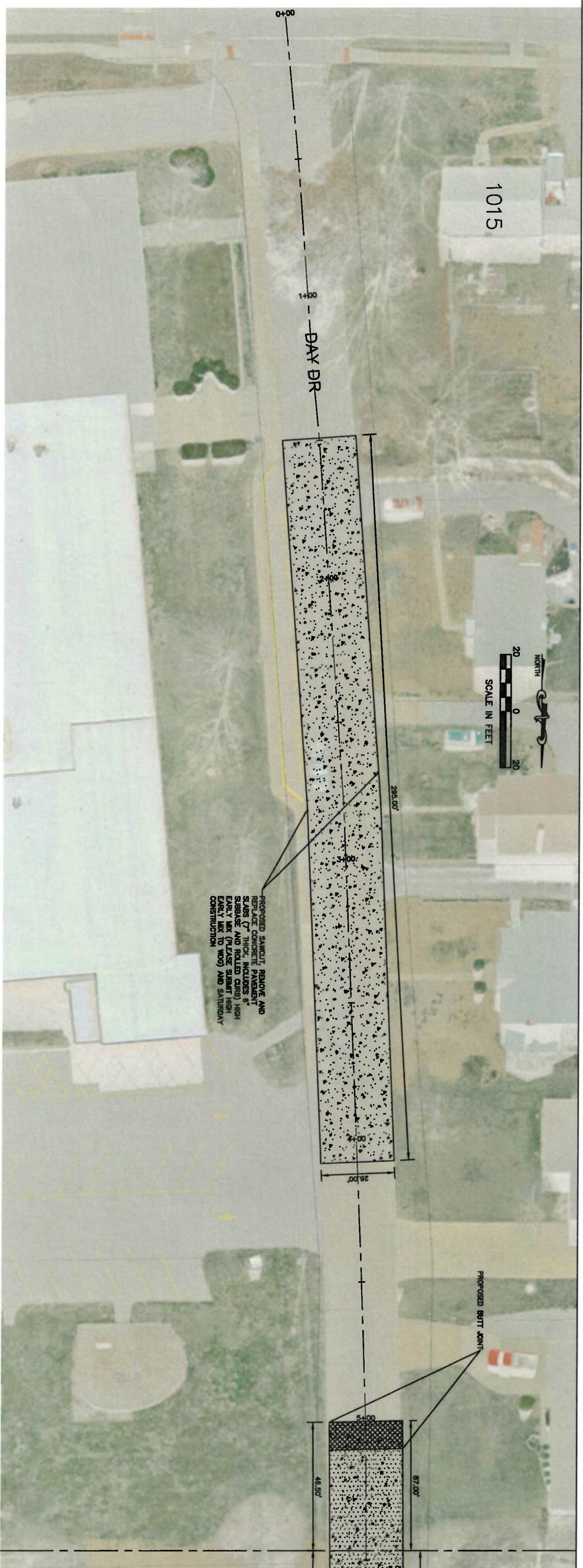
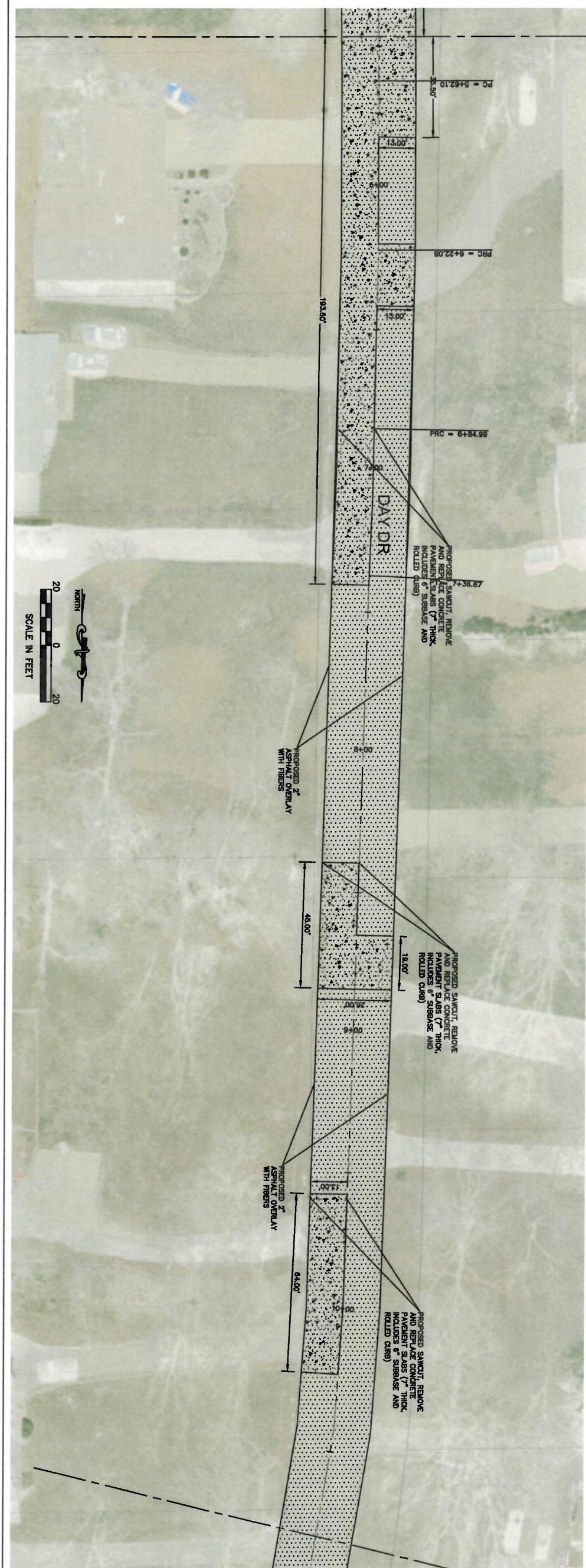
LAURETTE
DRIVE

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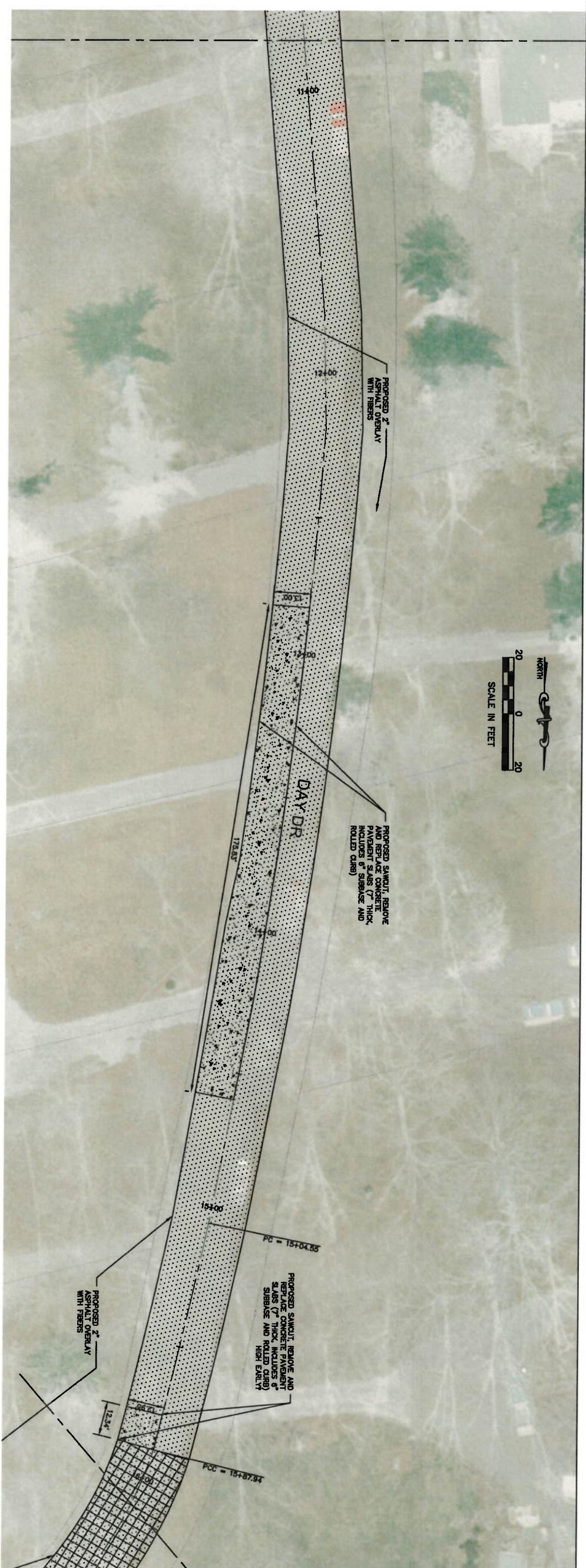
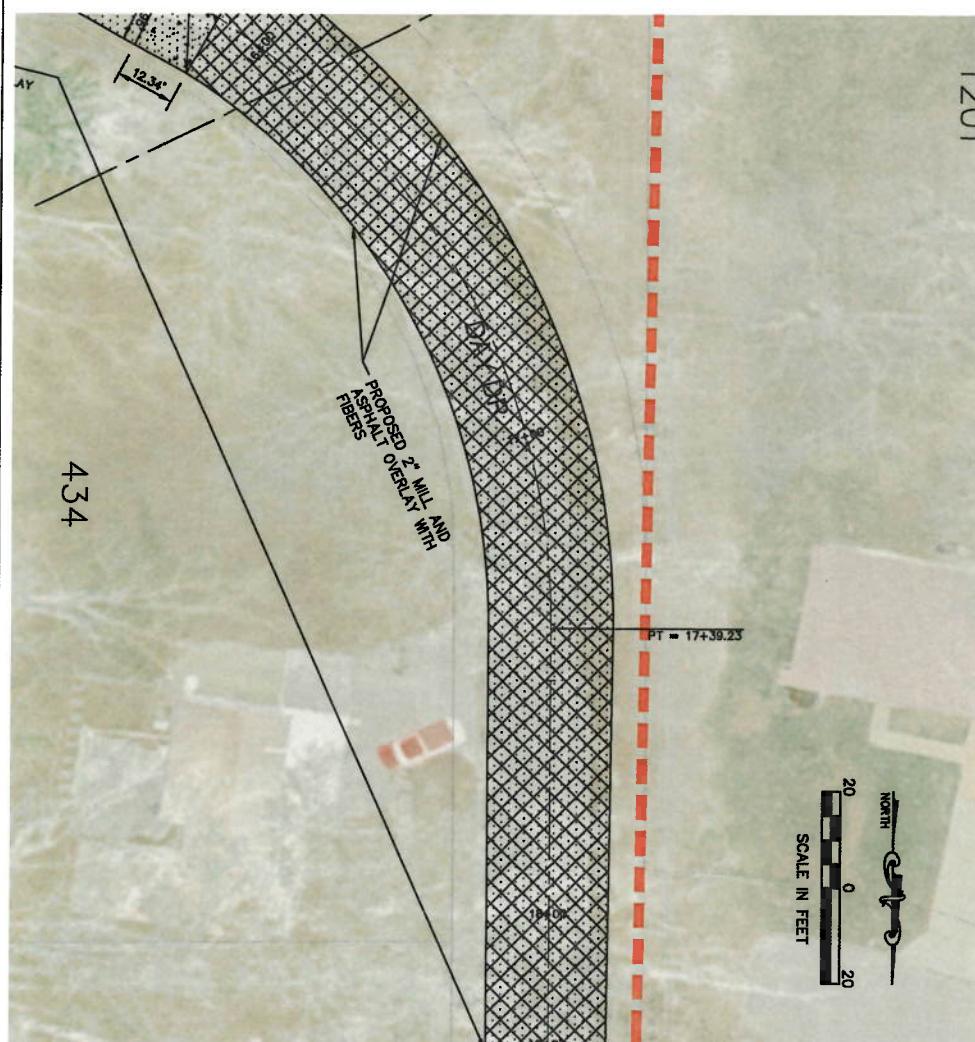
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LICENSE NO. 000525

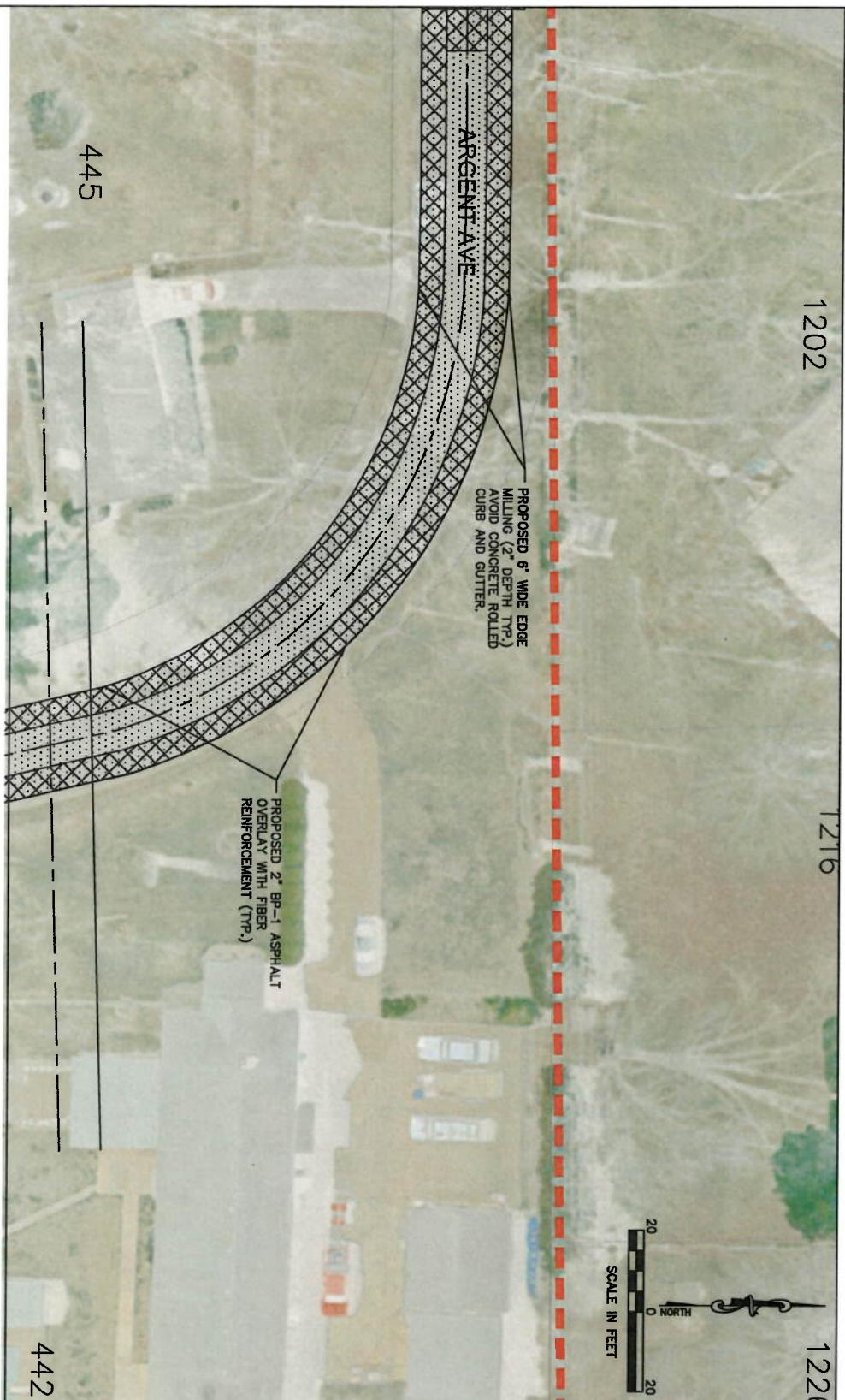
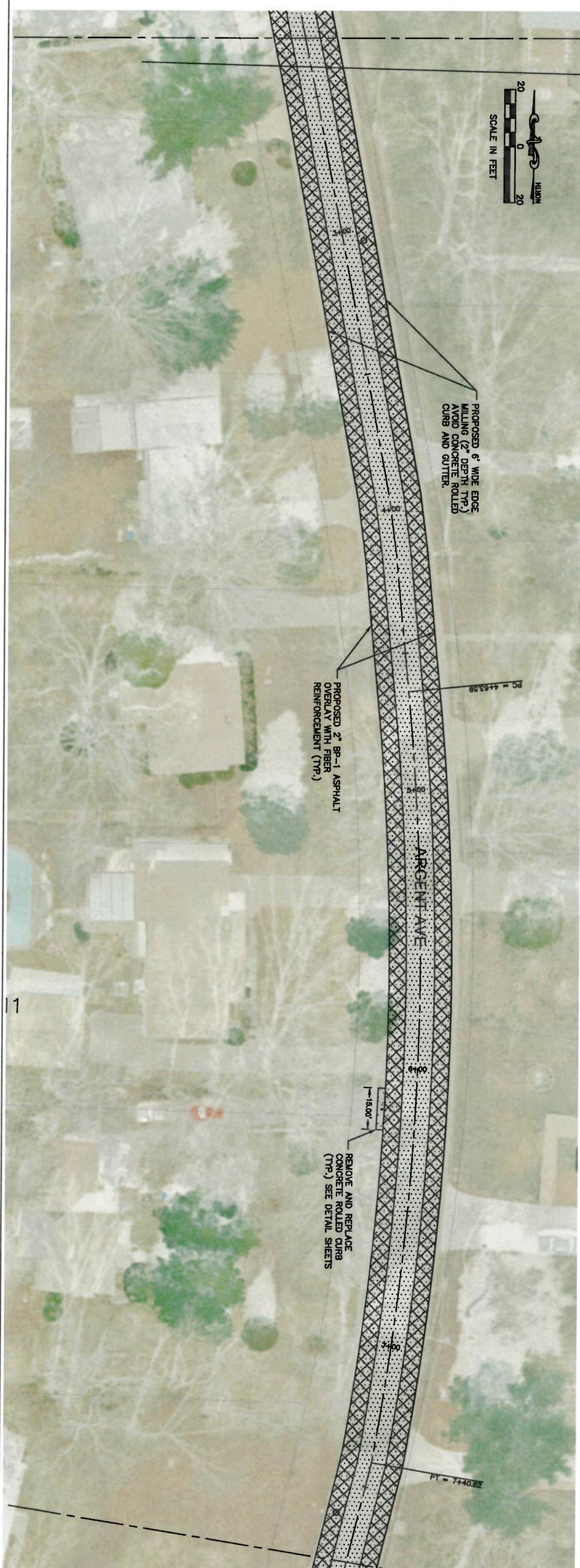


COMMUNITY DEVELOPMENT BLOCK GRANT
2023 VARIOUS STREET IMPROVEMENTS
CITY OF FERGUSON
MISSOURI, 63136



REVISIONS

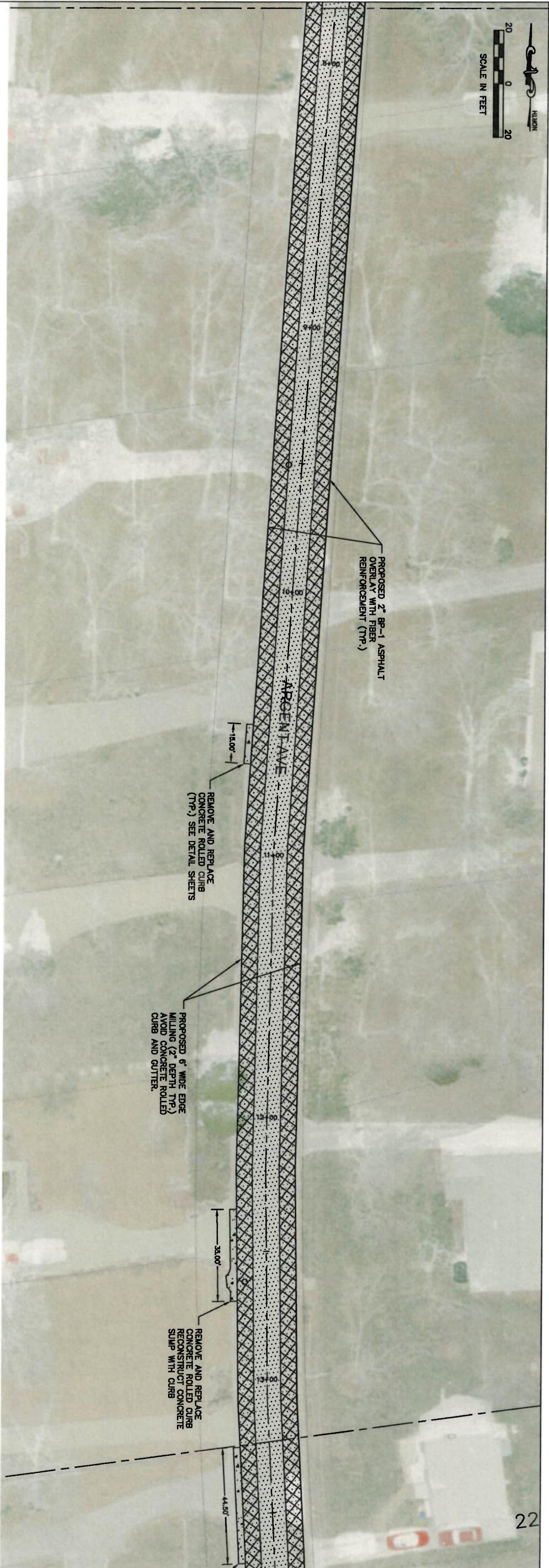
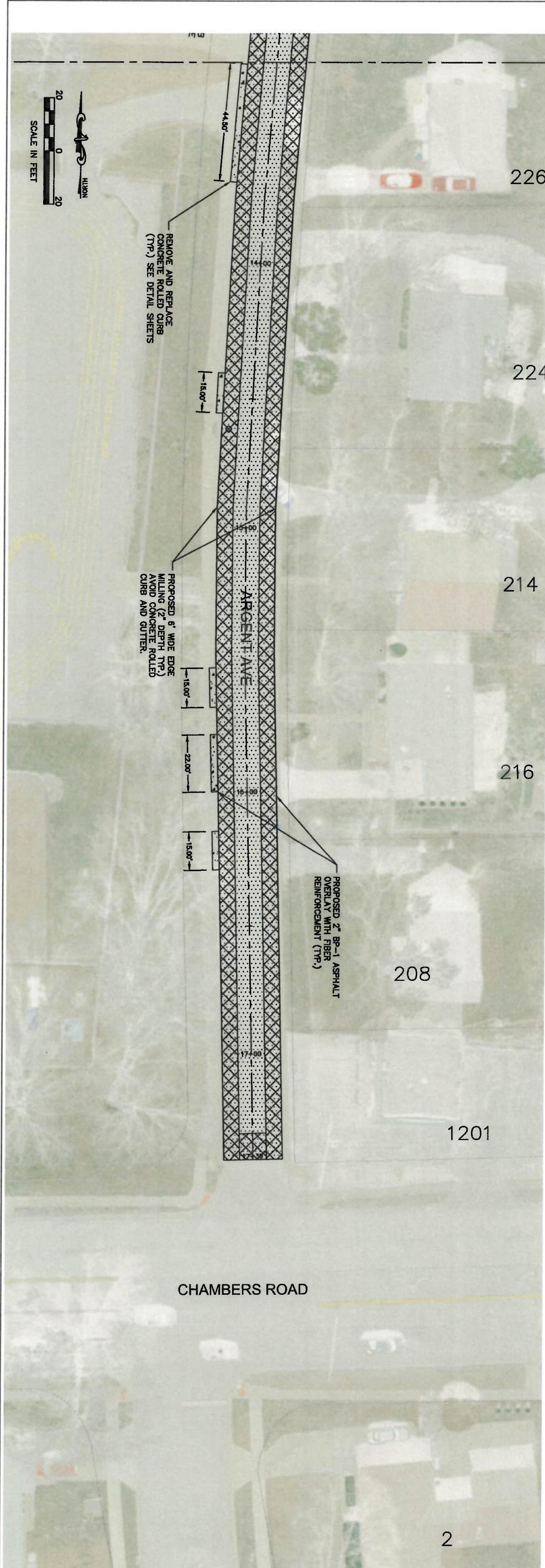




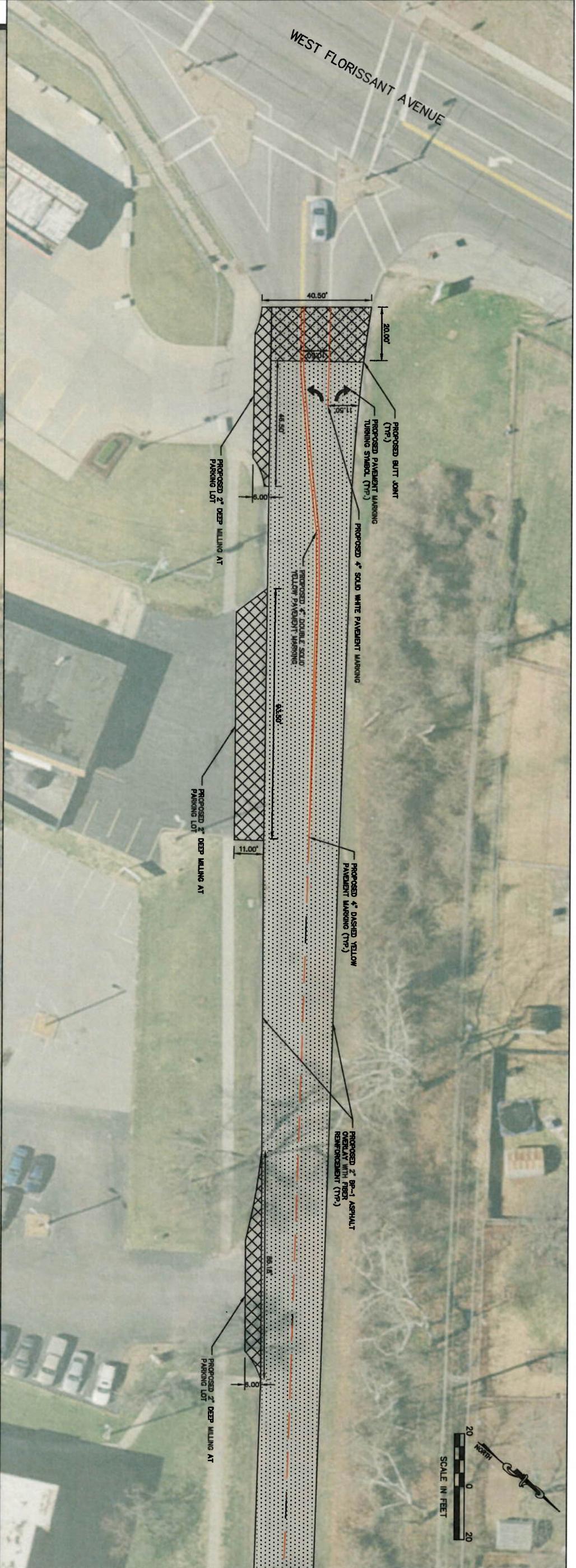
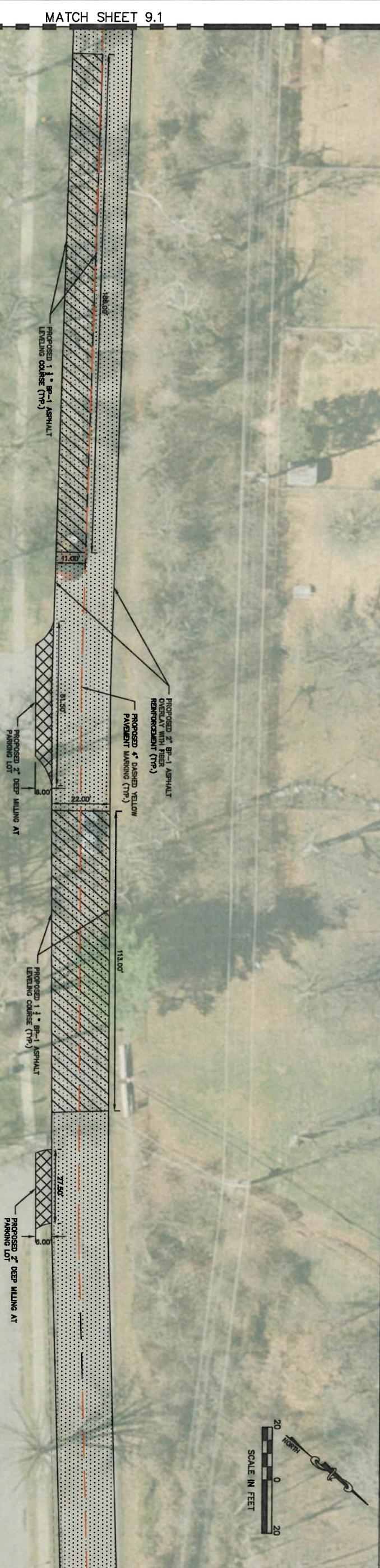
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MATCH SHEET 10.1

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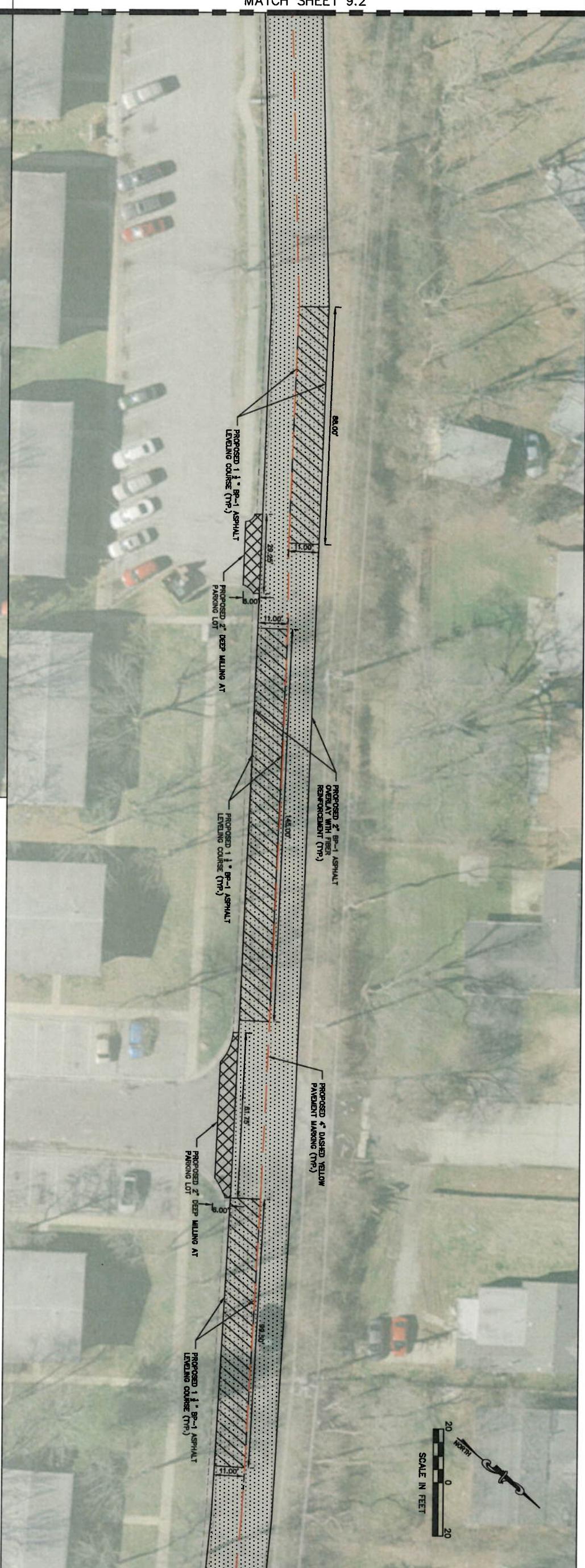
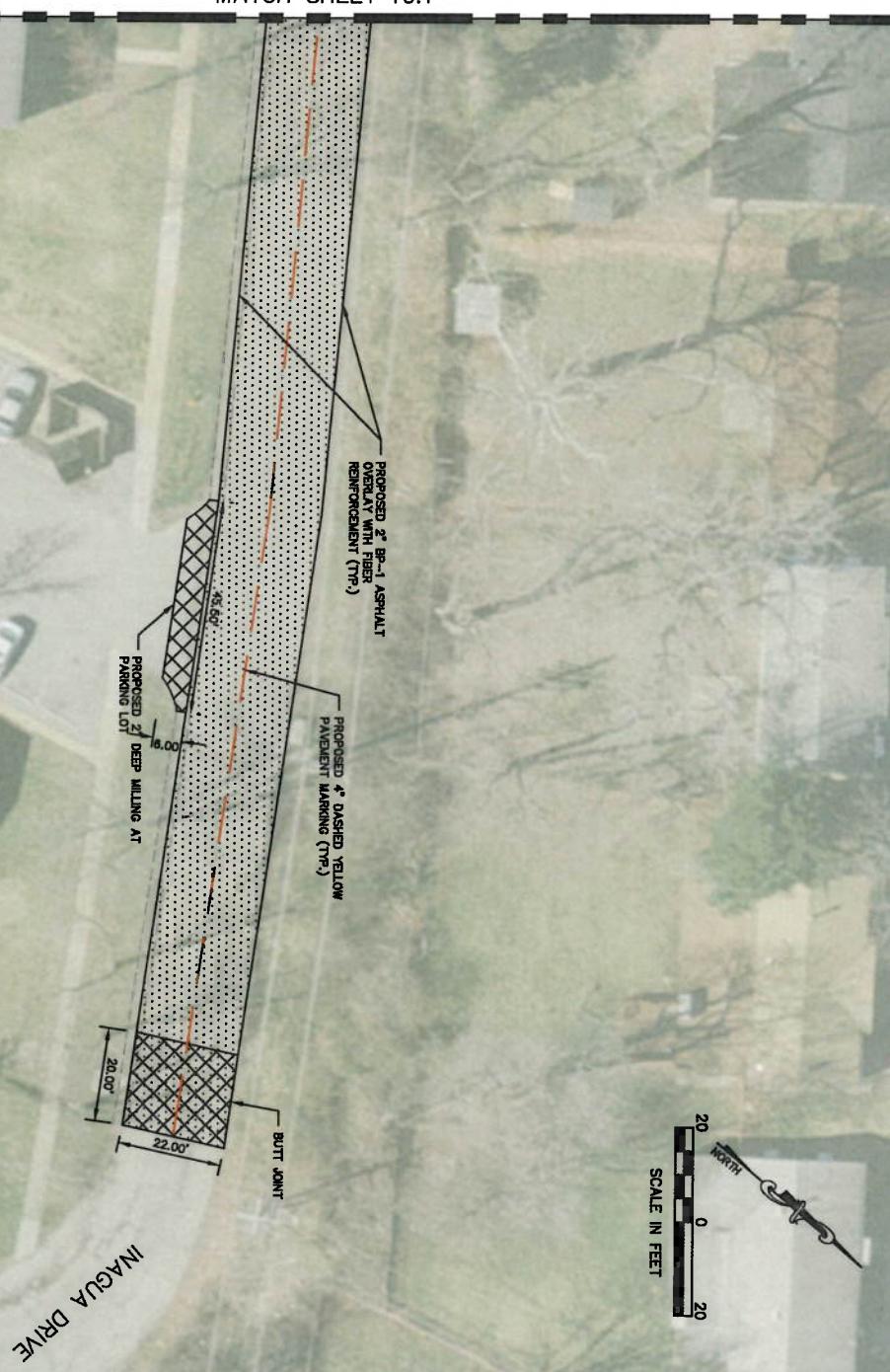
A circular registration stamp for a Professional Engineer from the Commonwealth of Massachusetts. The outer ring contains the text "MASSACHUSETTS", "THE COMMONWEALTH", "PROFESSIONAL ENGINEER", and "REGISTRATION". The inner circle contains the name "THOMAS P. HENS" and the registration number "E-22980".

**COMMUNITY DEVELOPMENT BLOCK GRANT
2023 VARIOUS STREET IMPROVEMENTS
CITY OF FERGUSON
MISSOURI 63136**

REVISIONS

MATCH SHEET 10.1

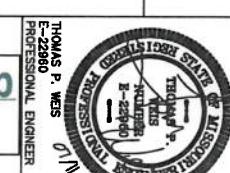
MATCH SHEET 9.2



MATCH SHEET 10.2

COMMUNITY DEVELOPMENT BLOCK GRANT
2023 VARIOUS STREET IMPROVEMENTS
CITY OF FERGUSON
MISSOURI, 63136

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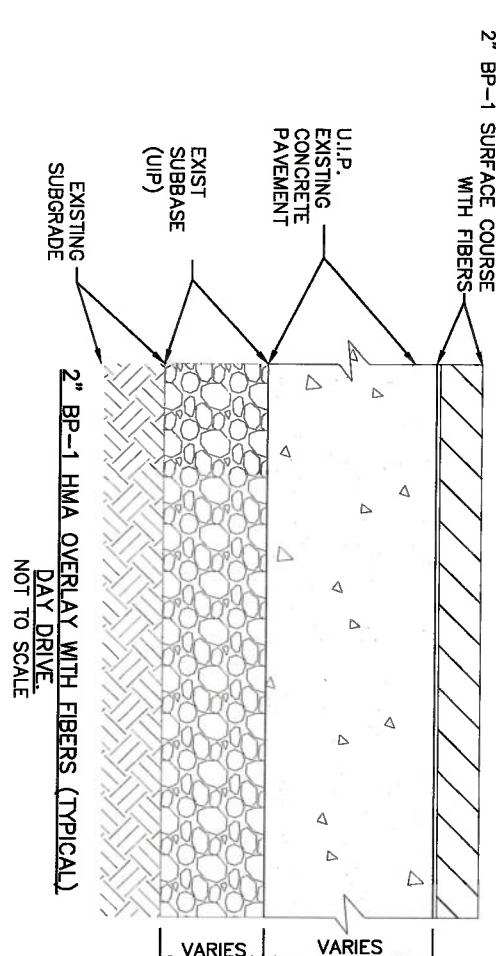
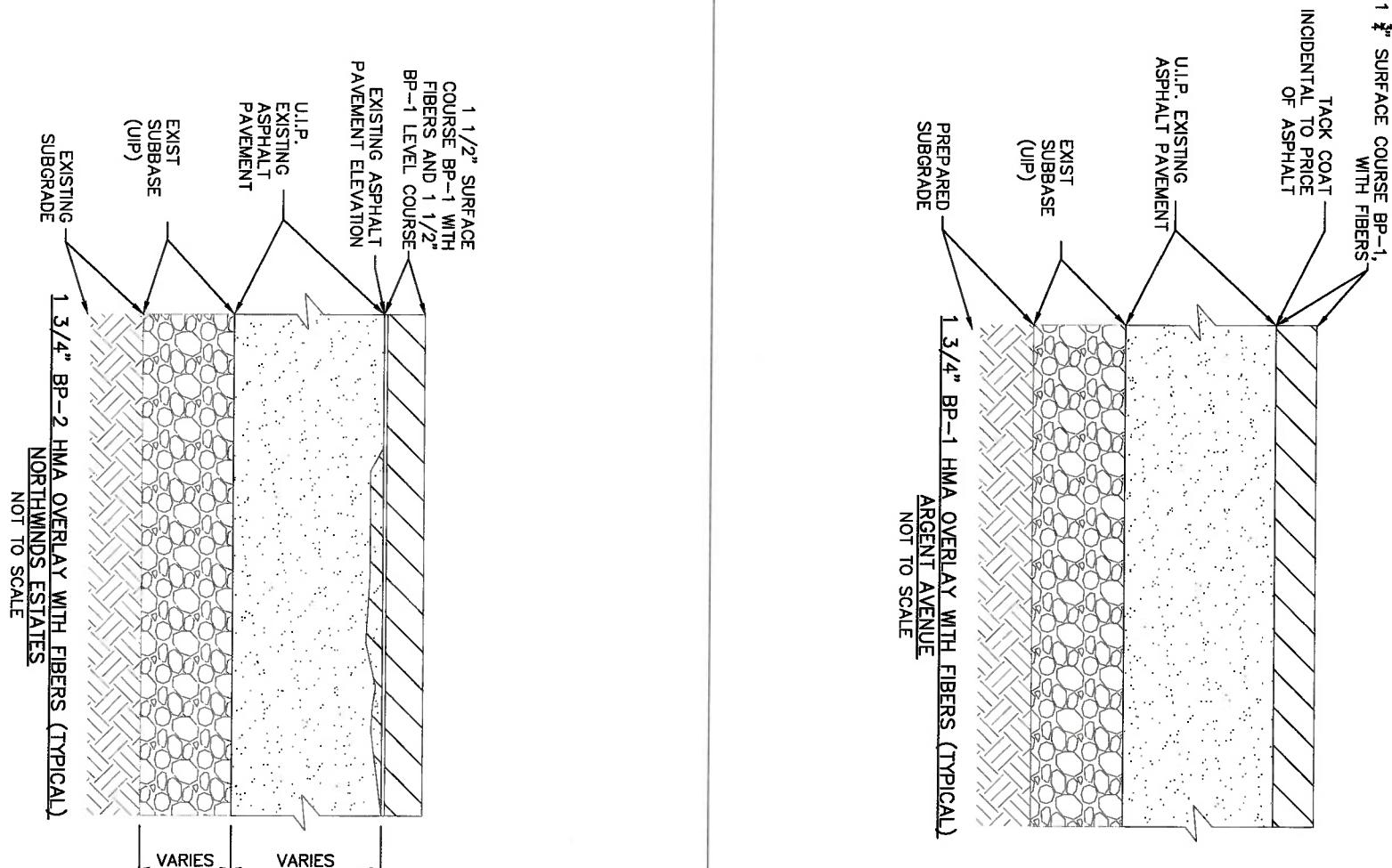
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DESIGNED BY: DRAWN BY: CHECKED BY: BASE MAP(S):
T.P.W. T.P.W. T.P.W. T.P.W.

NORTHWINDS ESTATES DRIVE

ISSUE DATE: 07/14/23

MSD P-12 OF 14



DETAIL SHEET		COMMUNITY DEVELOPMENT BLOCK GRANT 2023 VARIOUS STREET IMPROVEMENTS CITY OF FERGUSON MISSOURI, 63136		REVISIONS
DESIGNED BY: BTW	THOMAS P. WEIS PROFESSIONAL ENGINEER E-29560 MISSOURI STATE BOARD OF PROFESSIONAL ENGINEERS NUMBER 8-229460			
DRAWN BY: BTW	16286 Westwoods Business Park Drive Ellisville, MO 63021 www.weisdesigngroup.com			
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BASE MAP(S)				
ISSUE DATE: 07/14/23				
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SHEET NO.				
14	OF 14			
WDG # 9703-22-1				