

PLANS FOR PROPOSED FIRST STREET MILL & OVERLAY PROJECT

VILLAGE OF SAVOY, ILLINOIS
2015

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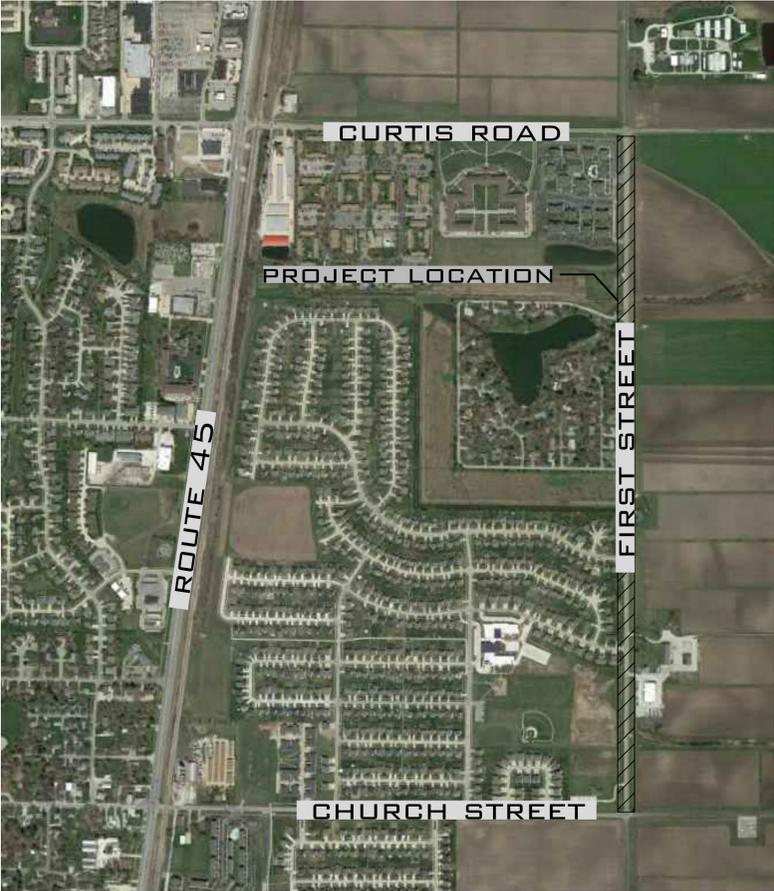
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DIRECTOR OF PUBLIC WORKS
BRENT P. MAUE

ZONING ADMINISTRATOR
DANIEL R. DAVIES

FIRE CHIEF
MICHAEL E. FORREST



LOCATION MAP
NTS

INDEX OF SHEETS

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- 2. GENERAL NOTES & SUMMARY OF QUANTITIES
- 3-7. TYPICAL SECTIONS
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BRENT P. MAUE, P.E., DATE
ENGINEER, VILLAGE OF SAVOY
LICENSED PROFESSIONAL ENGINEER
ILLINOIS NO. 062.057798, EXPIRES
NOVEMBER 30, 2015

LEVI L. KOPMANN, P.E., DATE
ASST. ENGINEER, VILLAGE OF SAVOY
LICENSED PROFESSIONAL ENGINEER
ILLINOIS NO. 062.064804, EXPIRES
NOVEMBER 30, 2015



GENERAL NOTES:

DESIGN BY: LEVI L. KOPMANN, P.E.
DRAWN BY: LEVI L. KOPMANN, P.E.
REVIEWED BY: BRENT P. MAUE, P.E.
DATE: APRIL 20, 2015

REVISIONS:

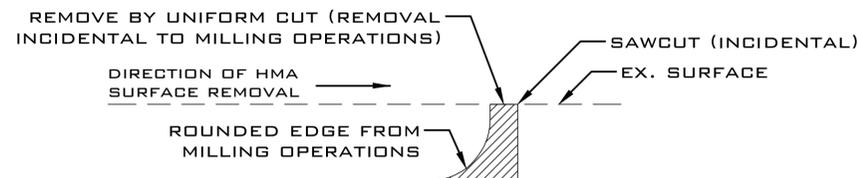


COVER SHEET

GENERAL NOTES

- WHEREVER IN THE PLANS OR SPECIFICATION THE TERM "STANDARD SPECIFICATIONS" IS USED IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED ON JANUARY 1, 2012.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX OF SHEETS SHALL BE USED IN CONSTRUCTION OF THIS SECTION.
- ANY REFERENCE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE IL DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE SCHEDULE OF STANDARD DRAWINGS ON THE COVER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION
- THE CONTRACTOR SHALL TAKE CARE NOT TO STORE OR DISPOSE OF DEBRIS OF UNSUITABLE MATERIALS WITHIN LIMITS OF THE IMPROVEMENT AND TAKE CARE TO LIMIT CONSTRUCTION TO WITHIN THE RIGHT OF WAY AND EASEMENT AREAS. UNNECESSARY ENCROACHMENT ONTO PRIVATE OR PUBLIC AREAS WILL NOT BE ALLOWED.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR VARIOUS HOT-MIX ASPHALT LIFTS.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATION PLAN QUANTITIES:
 - BITUMINOUS PRIME COAT PAVED SURFACE (CSS-1) 0.05 TO 0.10 GAL/SQ. YD
 - HOT-MIX ASPHALT (ALL-TYPES) 112 LBS/SQ. YD/INCH THICK
- UTILITY LOCATIONS WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE, NO RESPONSIBILITY IS ACCEPTED FOR THE LOCATIONS AS SHOWN OR THAT ALL UTILITY FACILITIES ARE SHOWN. UTILITY LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE AND REPRESENT LOCATIONS PRIOR TO ANY UTILITY RELOCATION REQUIRED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. BEFORE COMMENCING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL OBTAIN FROM THE ENGINEER AVAILABLE INFORMATION REGARDING THE RELOCATED POSITION OF UTILITIES WITHIN THE PROJECT LIMITS. WHETHER VARIOUS UTILITIES HAVE BEEN RELOCATED OR REMAIN IN THEIR ORIGINAL LOCATION; IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATION AT THE TIME OF CONSTRUCTION AND TO PROTECT IT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN OVERHEAD UTILITY LINES AND THE EQUIPMENT USED DURING CONSTRUCTION AND TO PROPERTY SAME. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SPECIAL PROVISIONS ENTITLED "COOPERATION WITH UTILITIES" AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AS NEEDED
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THIS INCLUDES CONTACTING JULIE NUMBER (800-892-0123) A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO-WEIGHTED SAND BAGS ON EACH TYPE II BARRICADE USED. (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF THE SITE PRIOR TO FINAL ACCEPTANCE IN ACCORDANCE WITH ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE DONE AS DIRECTED BY THE ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL REMOVAL LIMITS SHALL BE SAW CUT.
- ALL SAW CUTS NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1-3/4" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.

BUTT JOINT DETAIL DRAWING



LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	ABBREVIATIONS, SYMBOLS AND PATTERNS
000001-06	ABBREVIATIONS, SYMBOLS AND PATTERNS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY, FOR SPEED >45 MPH
701501-06	URBAN LANE CLOSURE, URBAN 2L, 2W, UNDIVIDED
701901-02	TRAFFIC CONTROL DEVICES
780000-03	PAVEMENT MARKINGS
BLR 17-4	DAY LABOR CONSTRUCTION
BLR 21-9	TYPICAL APPLICATION OF, FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF, FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	SAVOY QUANTITY	TOWNSHIP QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1960	1490	470
40600839	POLY LEV BINDER (MM), IL-9.5FG, N70	TON	825	628	197
40600990	TEMPORARY RAMP	SQ YD	150	75	75
40603540	POLY HMA SURF CSE, MIX "D", N70	TON	1650	1254	396
44000156	HMA SURF REM 1 3/4"	SY	19610	14917	4693
78000100	THERMO. PAVT MARKING - L&S	SQ FT	60	60	
78000500	THERMO. PAVT MARKING - LINE 8"	FOOT	120	120	
78000650	THERMO. PAVT MARKING - LINE 24"	FOOT	45	45	
78001110	PAINT PAVT MARKING - LINE 4"	FOOT	22000	16680	5320
Z0049799	PROT RESET SURVEY MRK	EA	1		1
*	TRAFFIC CONT. & PROT., (SPL)	LSUM	1	.75	.25

PAVEMENT MIX DESIGN

MIXTURE USE:	SURFACE	MIXTURE USE:	LEVELING
	POLYMER SBS OR SBR PG 70-22		POLYMER SBS OR SBR PG 70-22
RAP %: (MAX)	10	RAP %: (MAX)	10
DESIGN AIR VOIDS	4.0% @ NDES = 70	DESIGN AIR VOIDS	4.0% @ NDES = 70
MIXTURE COMPOSITION: (GRADUATION MIXTURE)	IL 9.5 OR 12.5	MIXTURE COMPOSITION: (GRADUATION MIXTURE)	IL 9.5 ONLY
FRICTION AGGREGATE	MIX "D"	FRICTION AGGREGATE	N/A
MIXTURE WEIGHT	112.0 LBS/SQ YD/IN THICKNESS	MIXTURE WEIGHT	112.0 LBS/SQ YD/IN THICKNESS

FIRST STREET MILL & OVERLAY PROJECT
 VILLAGE OF SAVOY - DEPARTMENT OF PUBLIC WORKS
 105 WEST TOMARAS AVE. - SAVOY, ILLINOIS



GENERAL NOTES:

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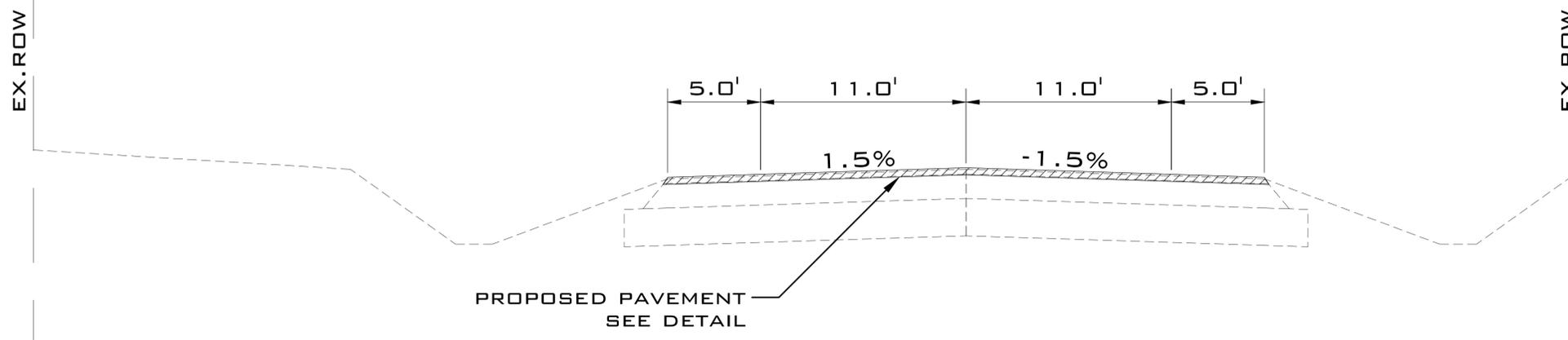
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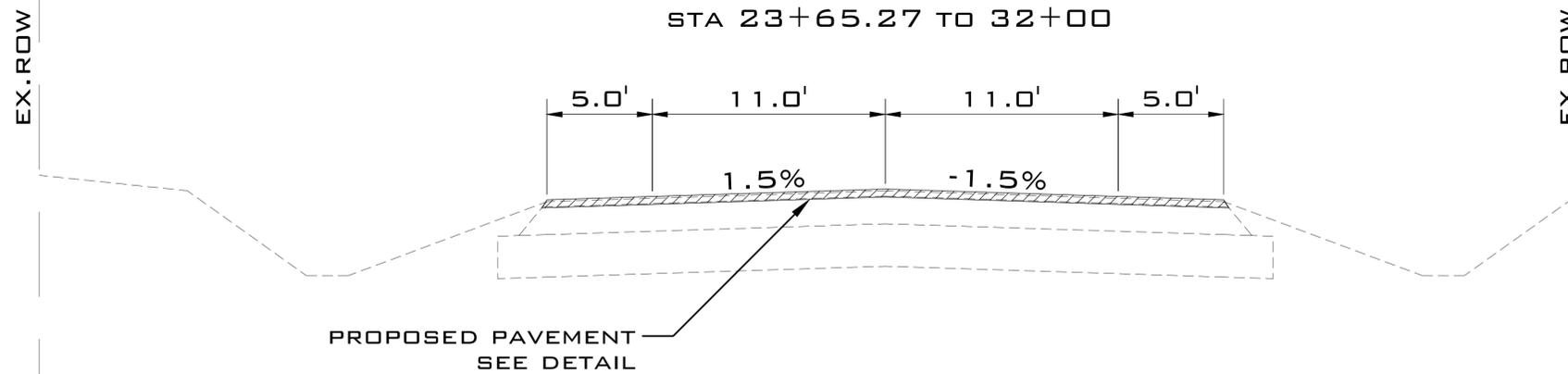
GENERAL NOTES

SHEET
02
 OF 17

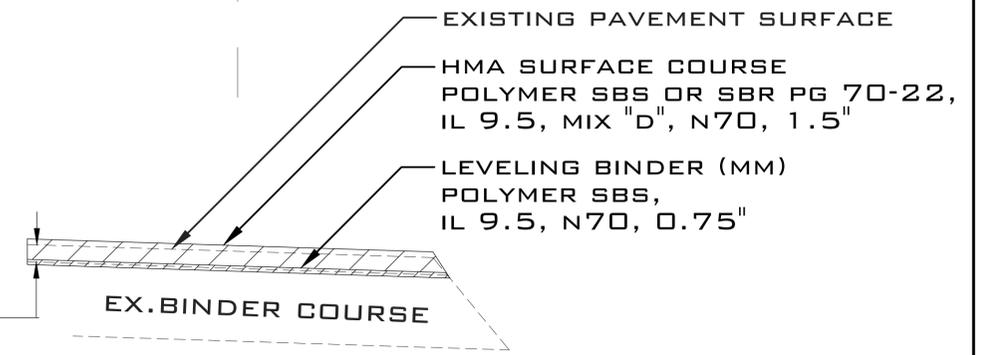
PROPOSED TYPICAL CROSS SECTION
10+00 TO 21+26



PROPOSED TYPICAL CROSS SECTION
STA 21+26 TO 21+64
STA 23+65.27 TO 32+00



PROPOSED PAVEMENT DETAIL



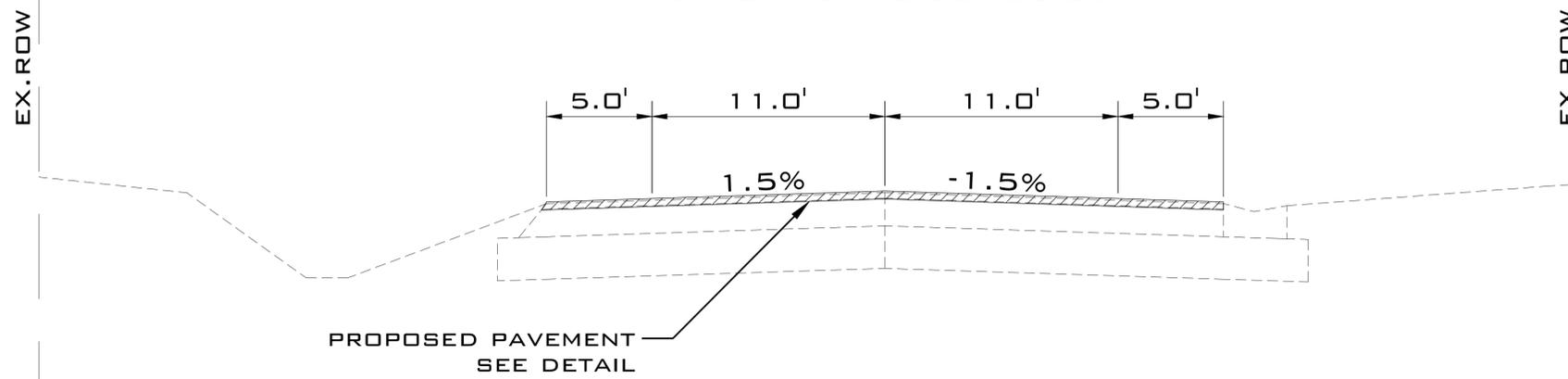
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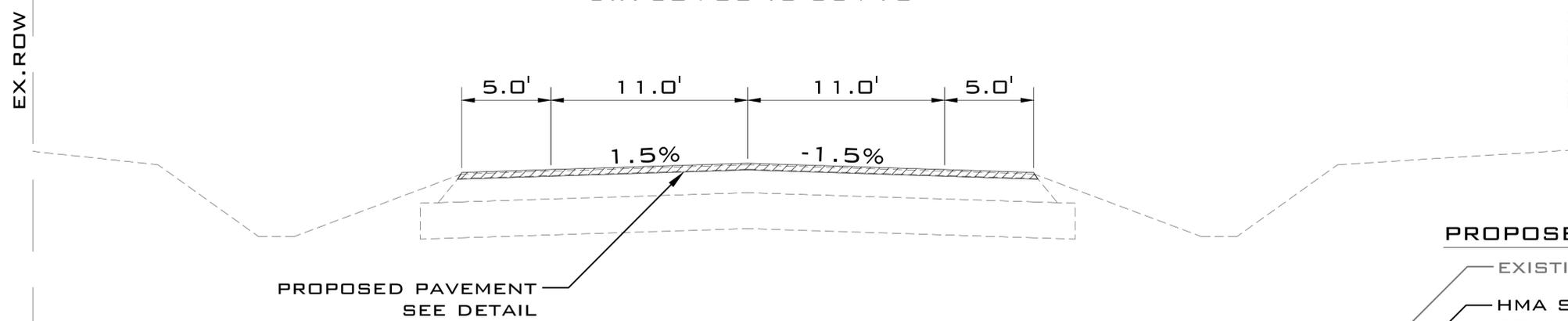
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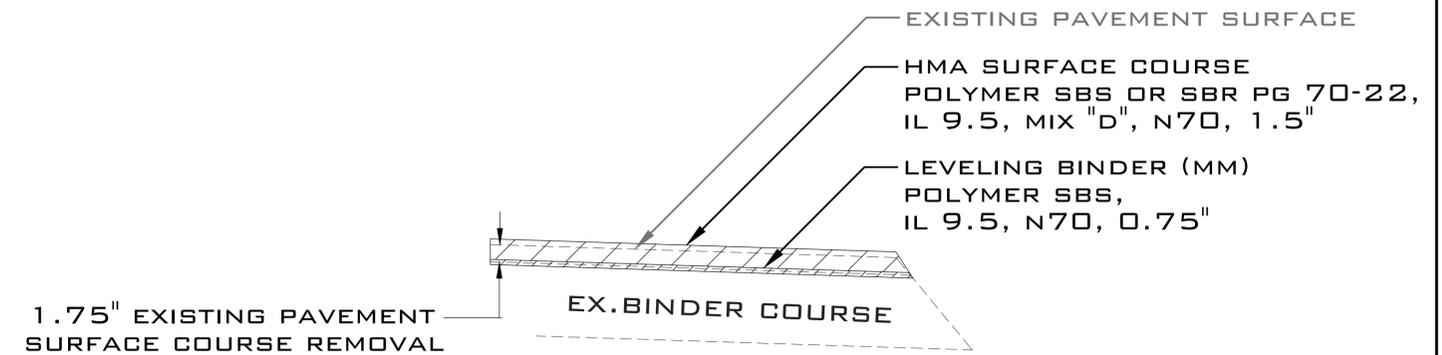
PROPOSED TYPICAL CROSS SECTION
STA 21+64 TO 23+65.27



PROPOSED TYPICAL CROSS SECTION
STA 32+00 TO 33+10



PROPOSED PAVEMENT DETAIL



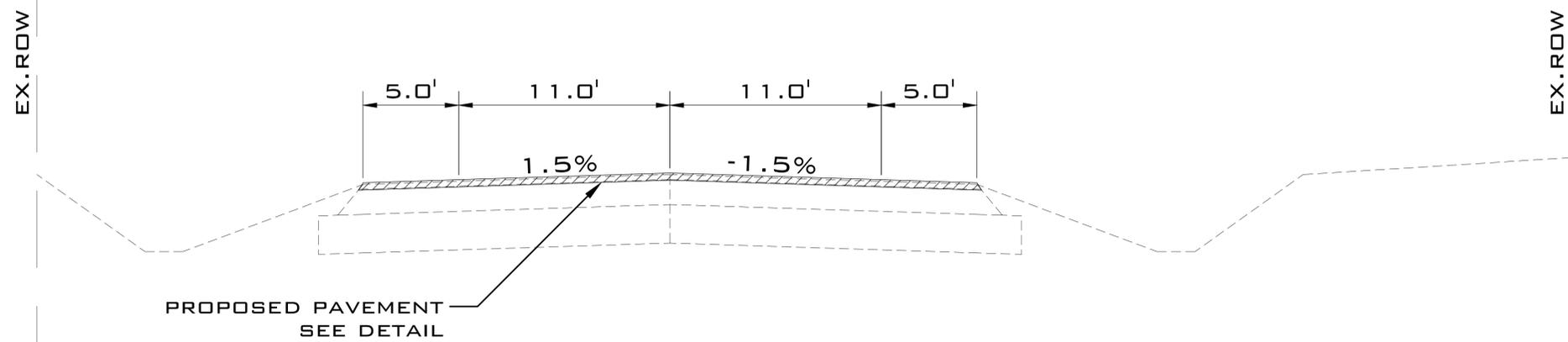
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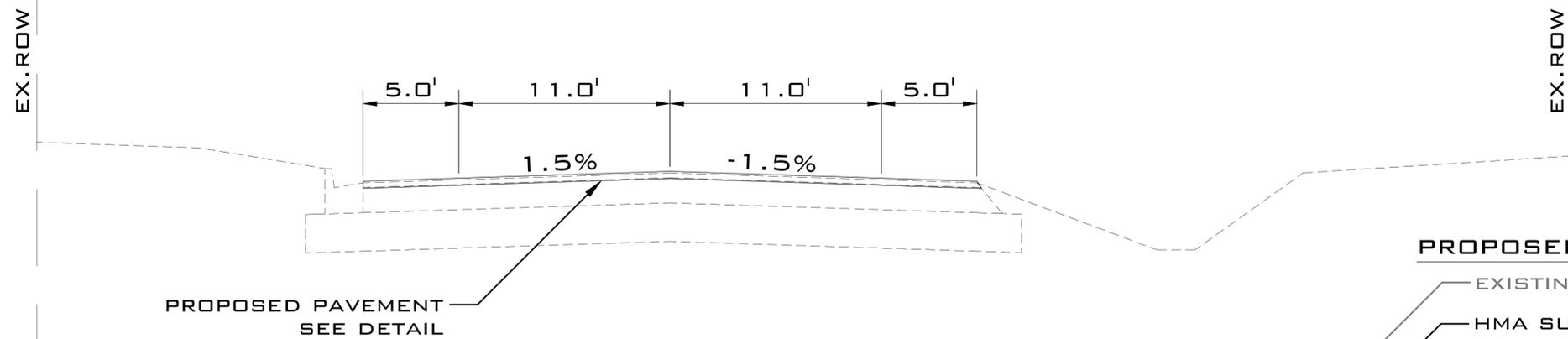
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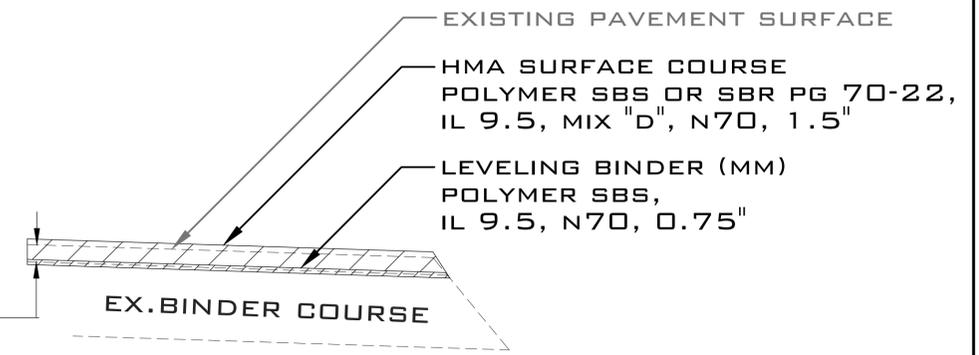
PROPOSED TYPICAL CROSS SECTION
STA 33+10 TO 36+68.75



PROPOSED TYPICAL CROSS SECTION
STA 36+68.75 TO 48+67



PROPOSED PAVEMENT DETAIL



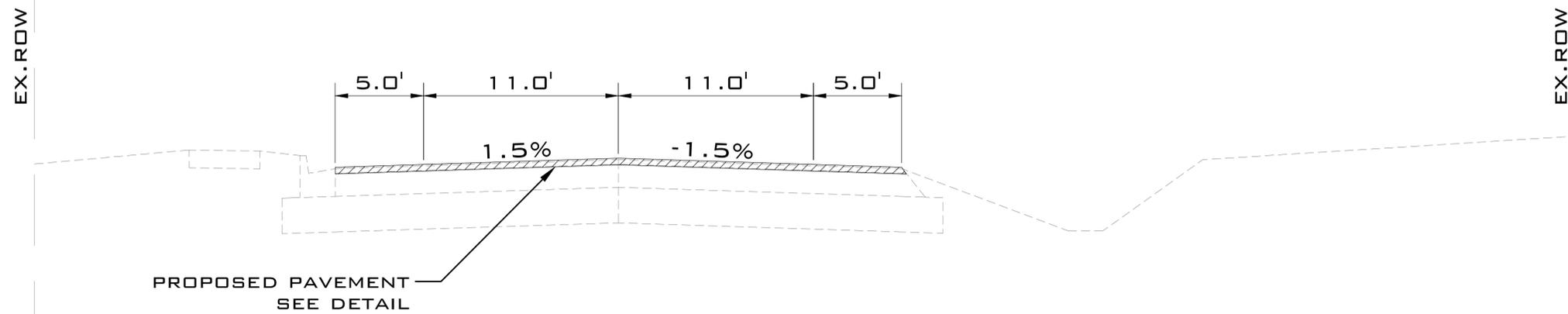
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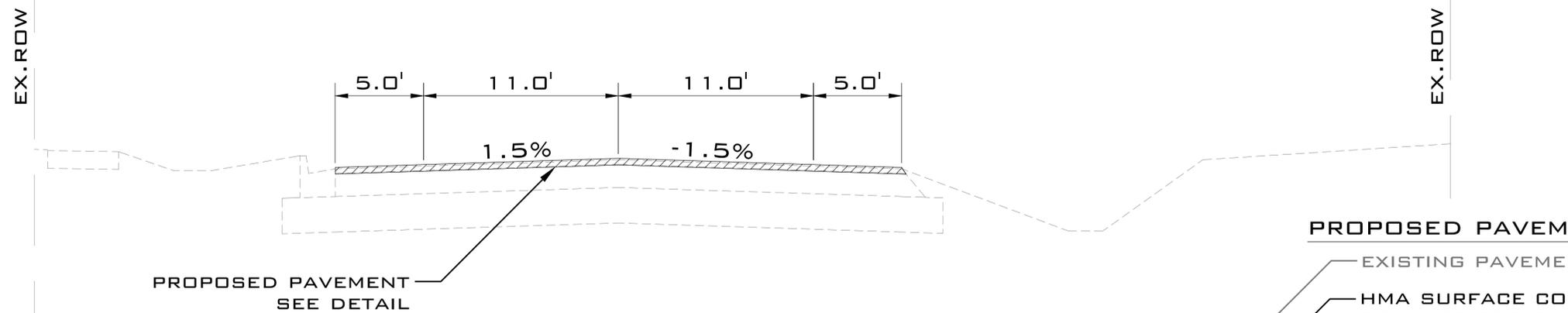
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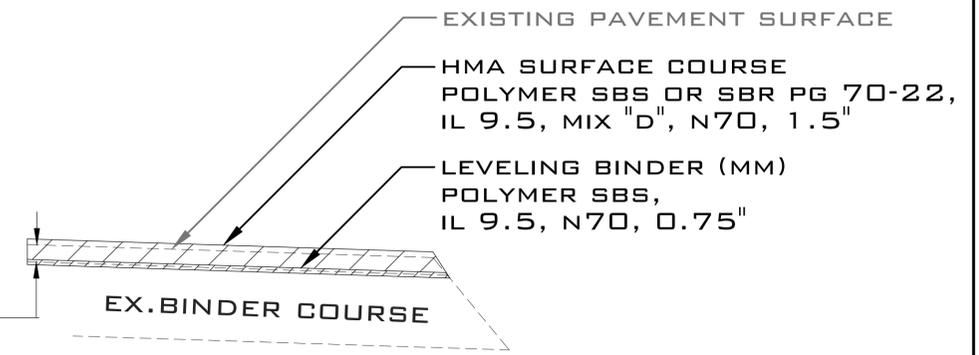
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STA 48+67 TO 49+78



PROPOSED TYPICAL CROSS SECTION
STA 49+78 TO 54+05.09



PROPOSED PAVEMENT DETAIL

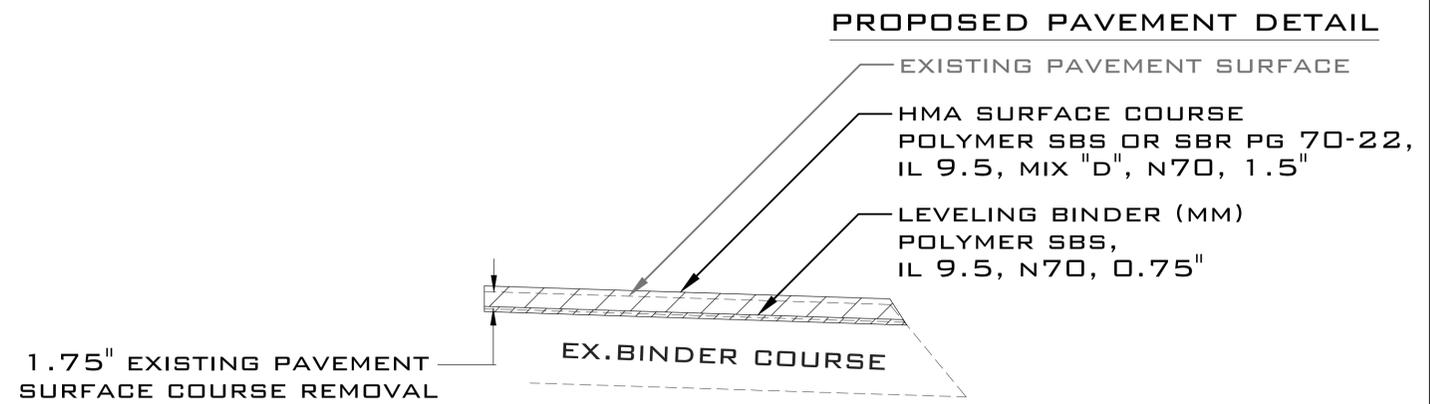
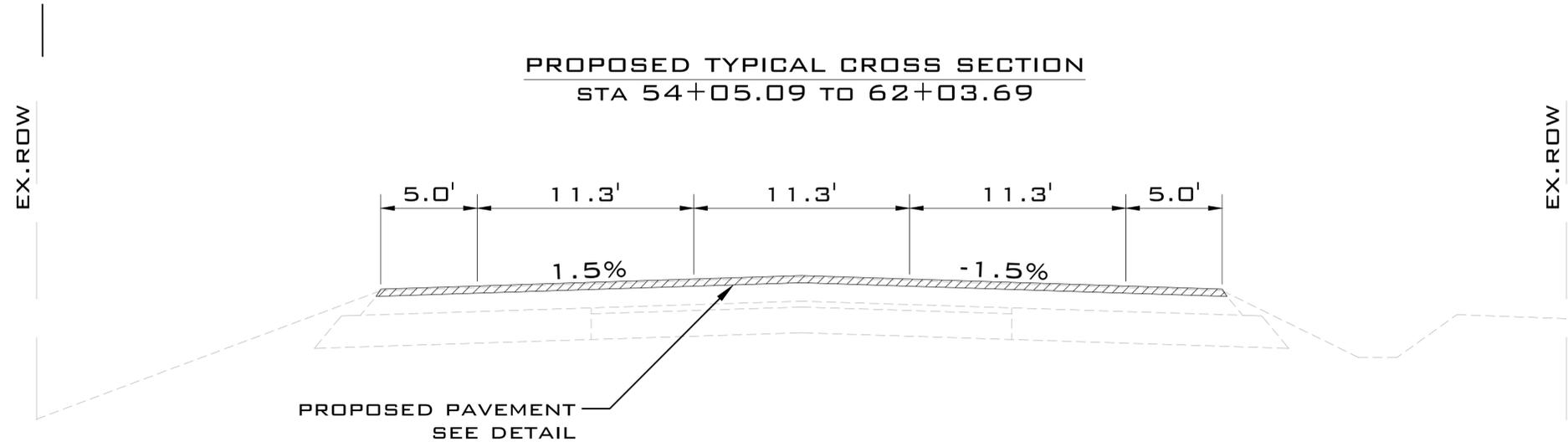


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105 WEST TOMARAS AVE. - SAVOY, ILLINOIS



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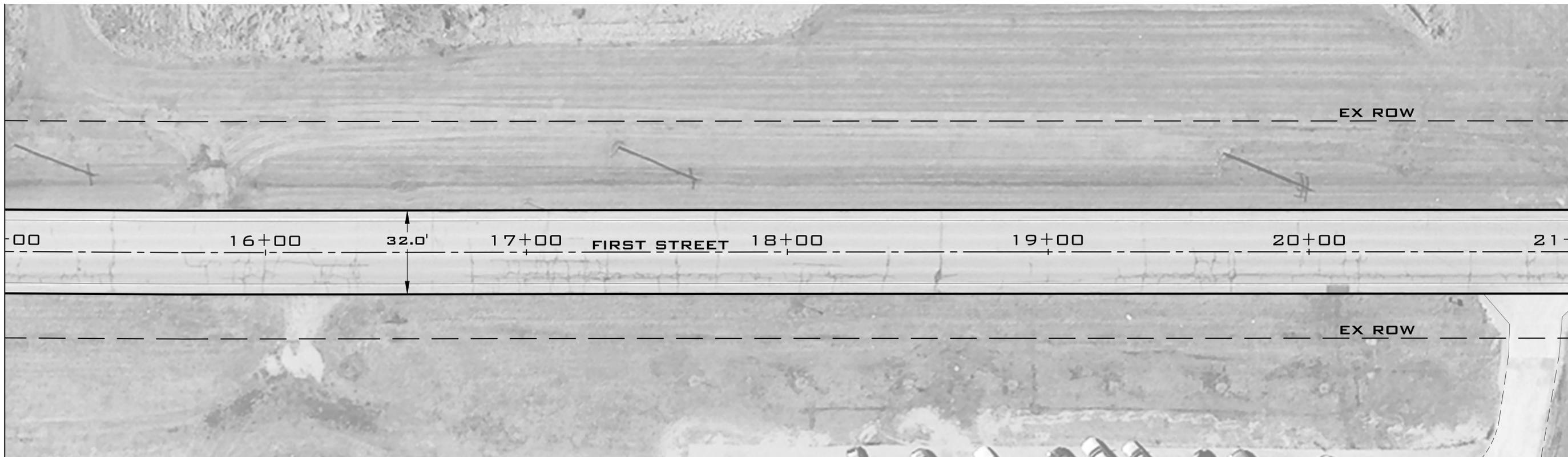
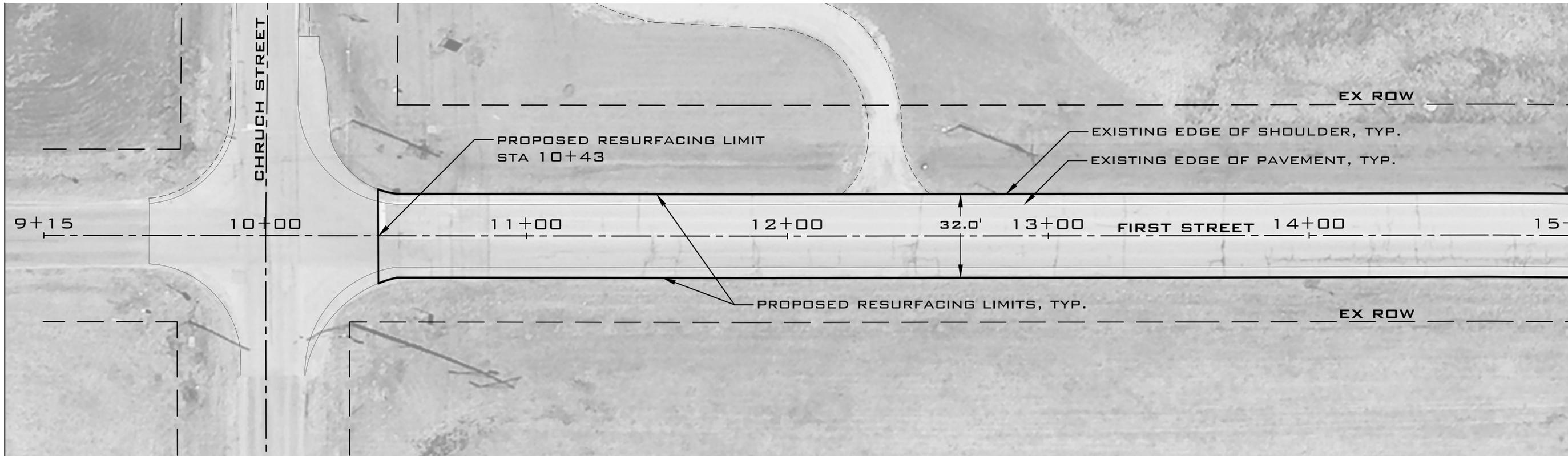
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TYPICAL SECTION

SHEET
07
OF 17



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PLAN VIEW

SHEET
08
 OF 17



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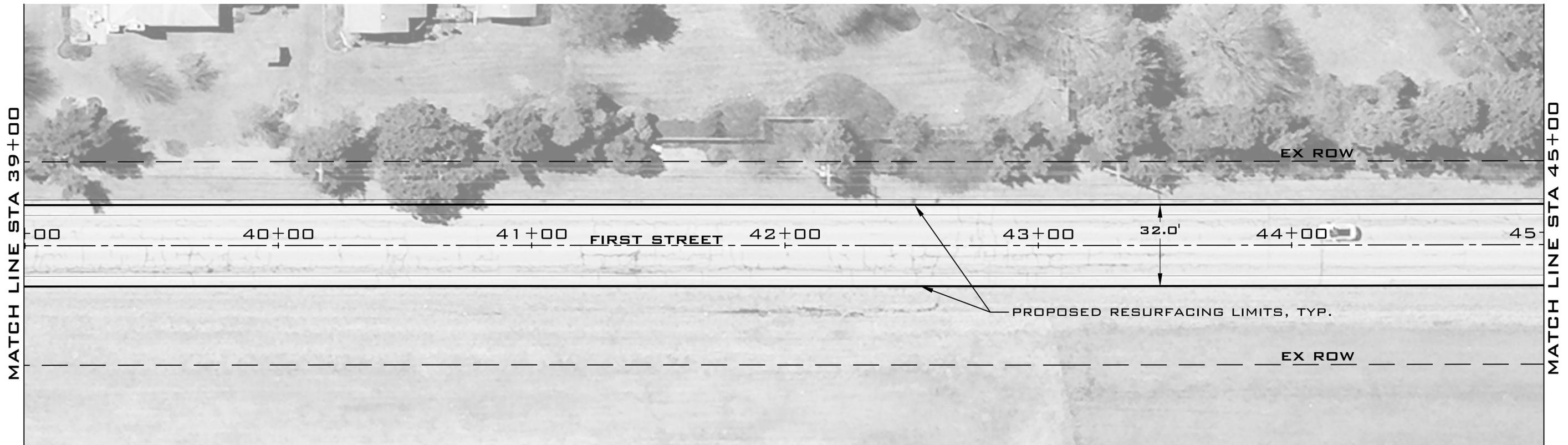
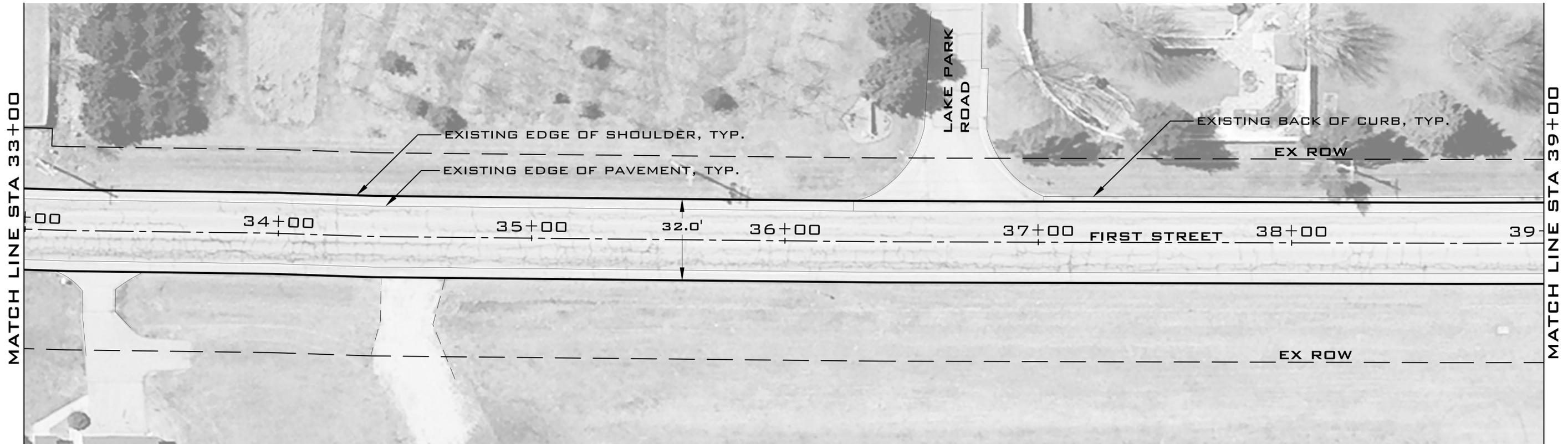
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PLAN VIEW

SHEET
09
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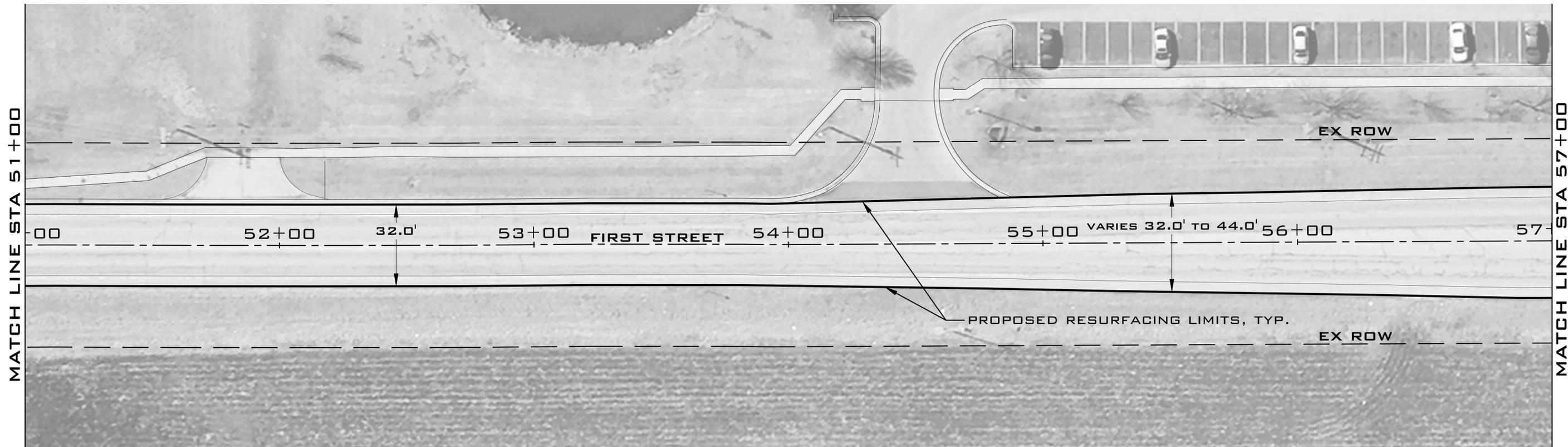
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PLAN VIEW

SHEET
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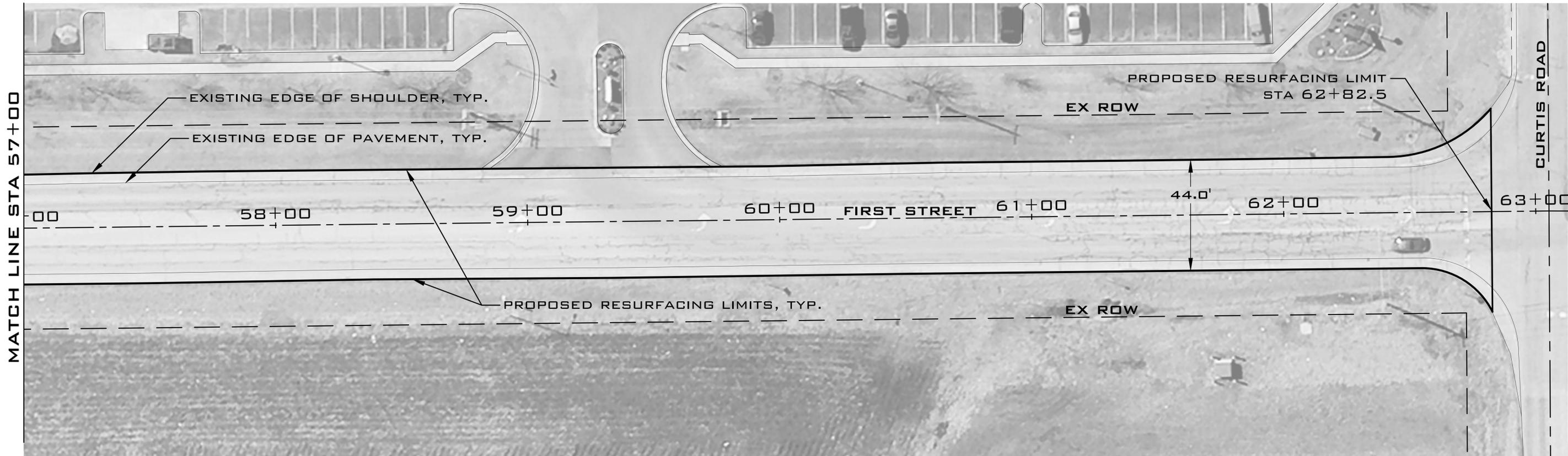
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PLAN VIEW

SHEET
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 OF 17



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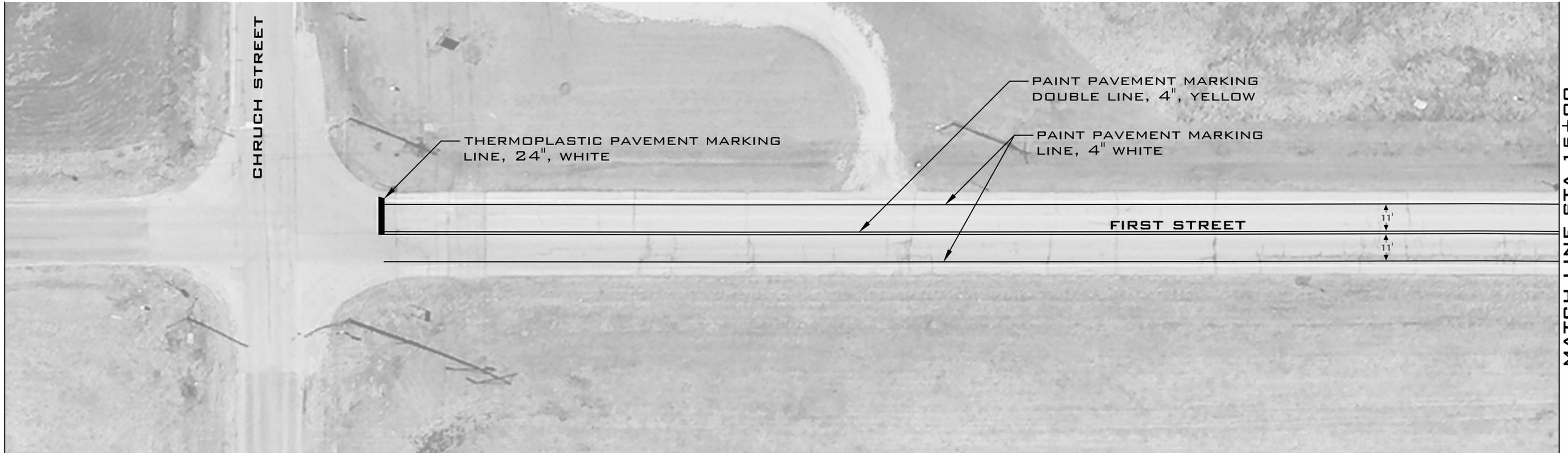
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PLAN VIEW

SHEET
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 OF 17



CHURCH STREET

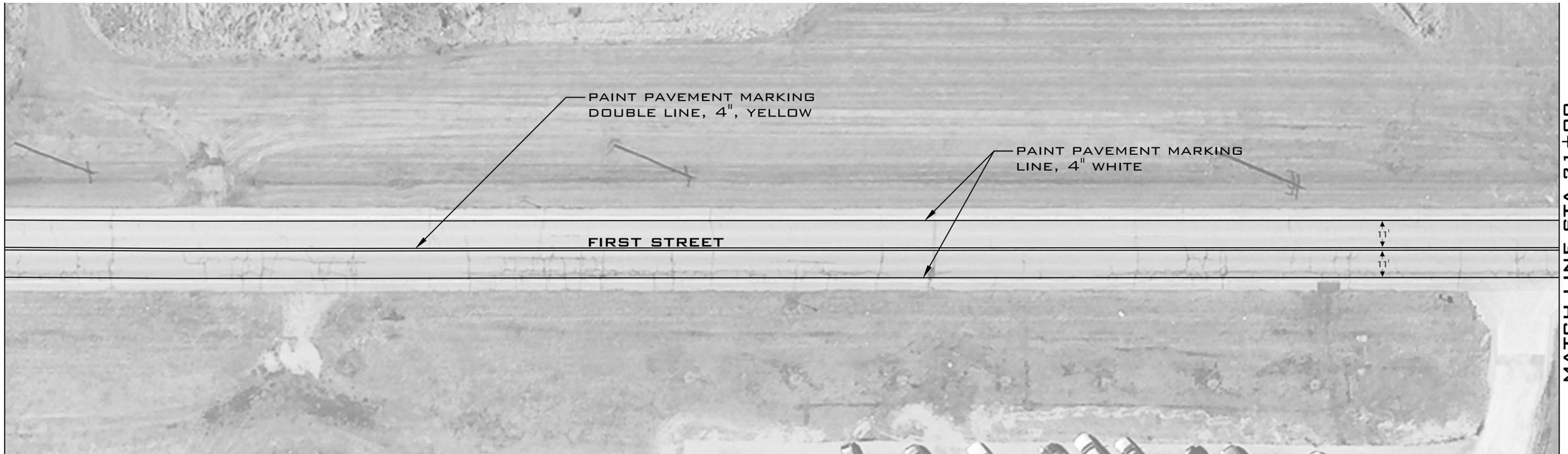
THERMOPLASTIC PAVEMENT MARKING
LINE, 24", WHITE

PAINT PAVEMENT MARKING
DOUBLE LINE, 4", YELLOW

PAINT PAVEMENT MARKING
LINE, 4" WHITE

FIRST STREET

MATCH LINE STA 15+00



MATCH LINE STA 15+00

PAINT PAVEMENT MARKING
DOUBLE LINE, 4", YELLOW

PAINT PAVEMENT MARKING
LINE, 4" WHITE

FIRST STREET

MATCH LINE STA 21+00

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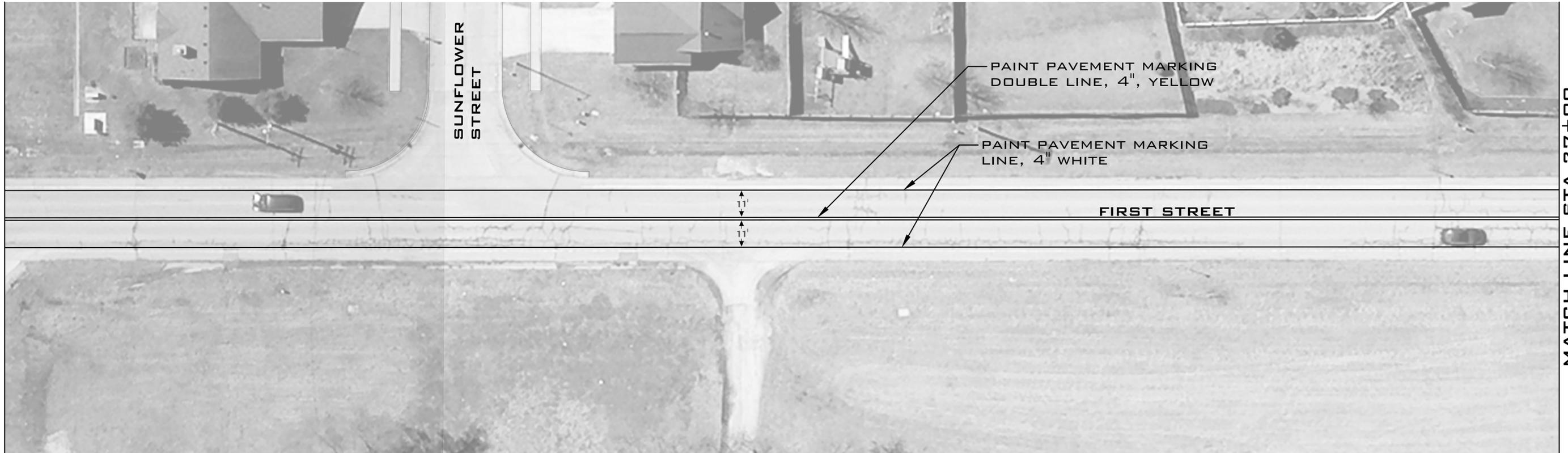
REVISIONS:



STRIPING

SHEET
13
OF 17

MATCH LINE STA 21+00



MATCH LINE STA 27+00

MATCH LINE STA 27+00



MATCH LINE STA 33+00

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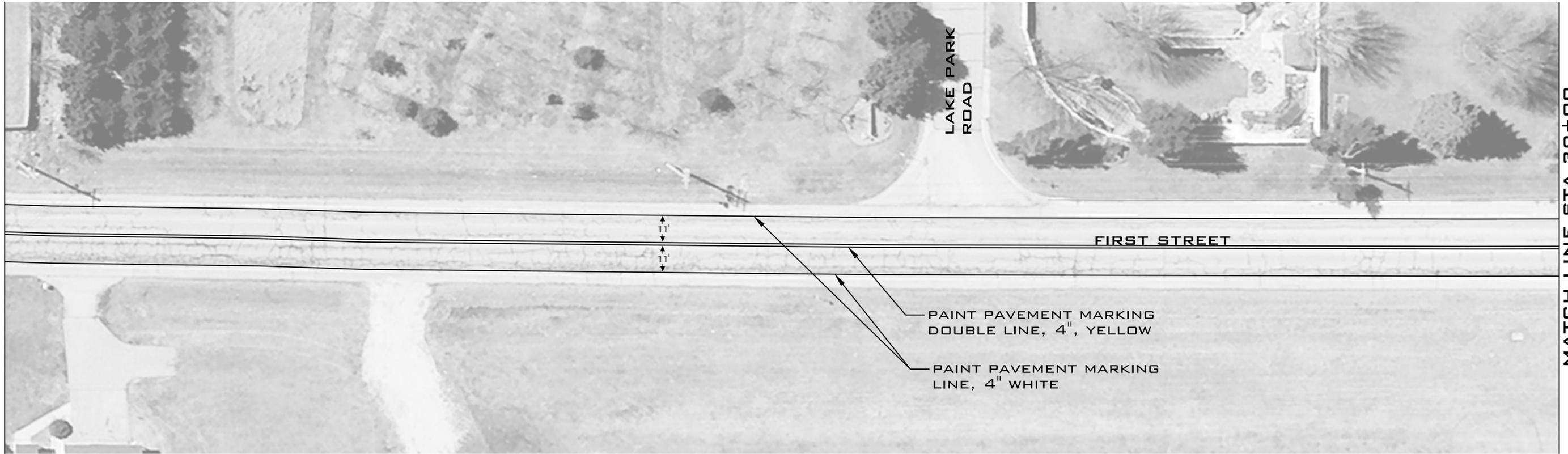
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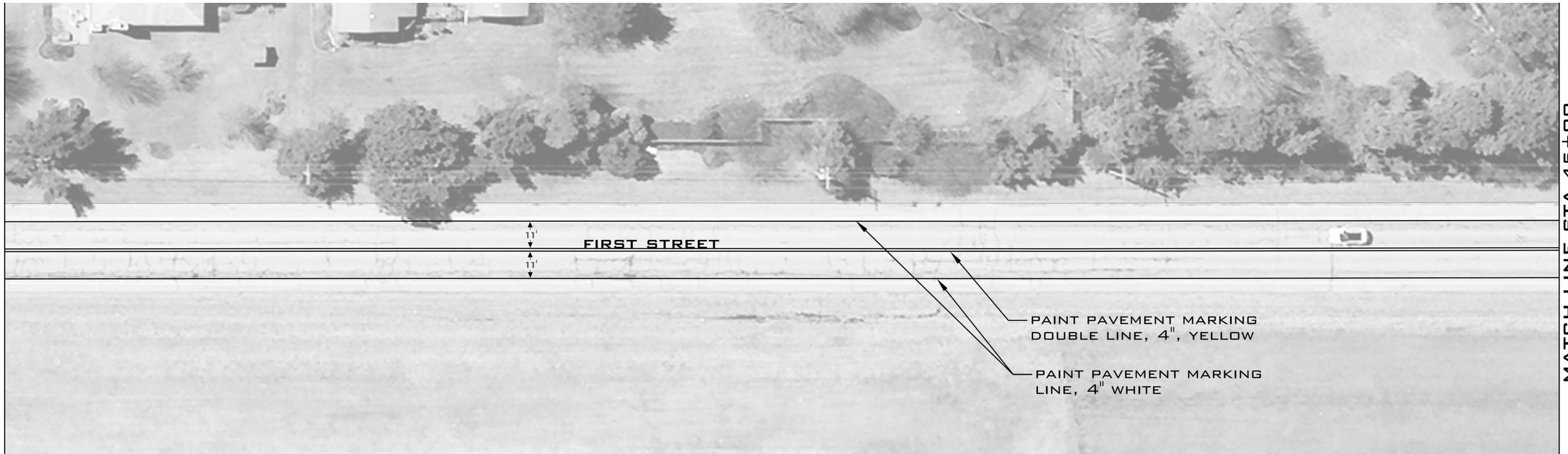
SHEET
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 OF 17

MATCH LINE STA 33+00



MATCH LINE STA 39+00

MATCH LINE STA 39+00



MATCH LINE STA 45+00

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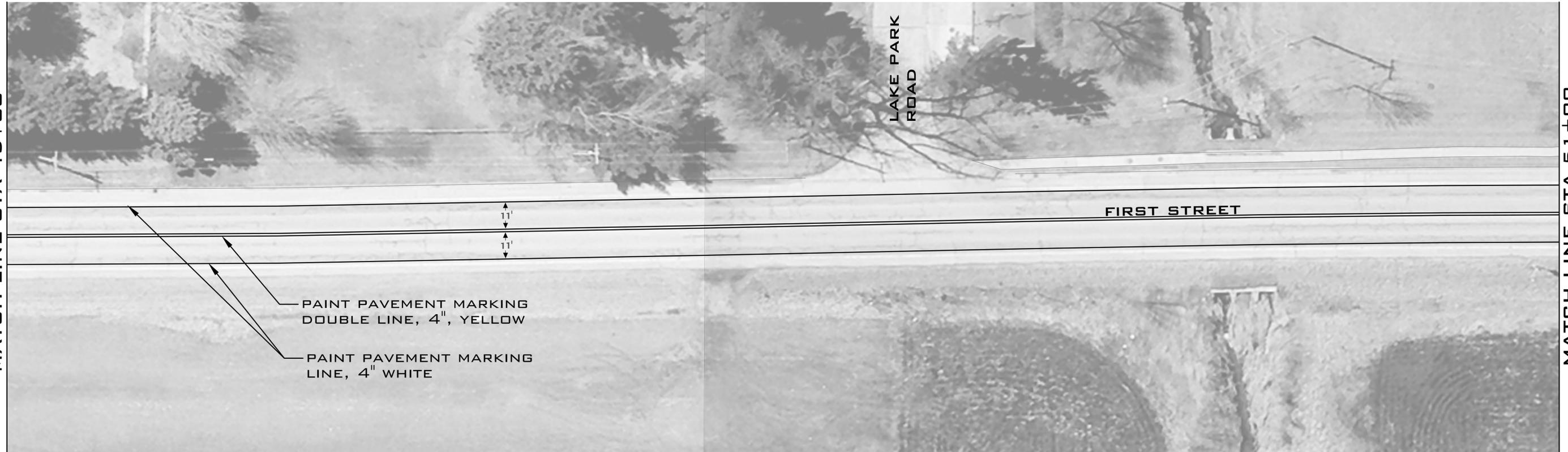
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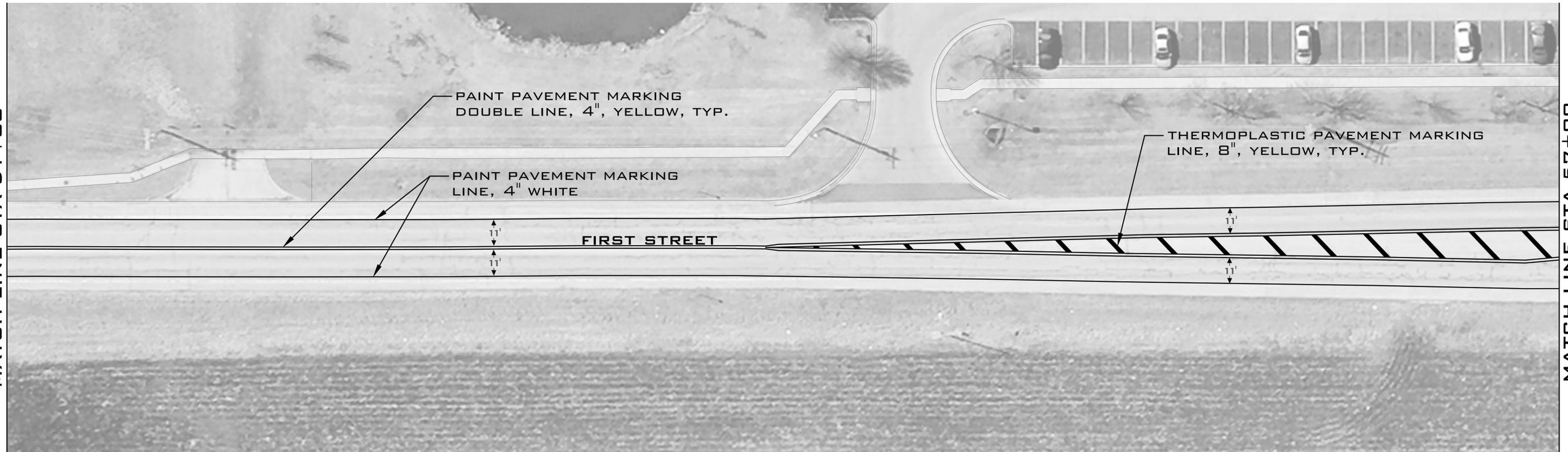
SHEET
15
 OF 17

MATCH LINE STA 45+00



MATCH LINE STA 51+00

MATCH LINE STA 51+00



MATCH LINE STA 57+00

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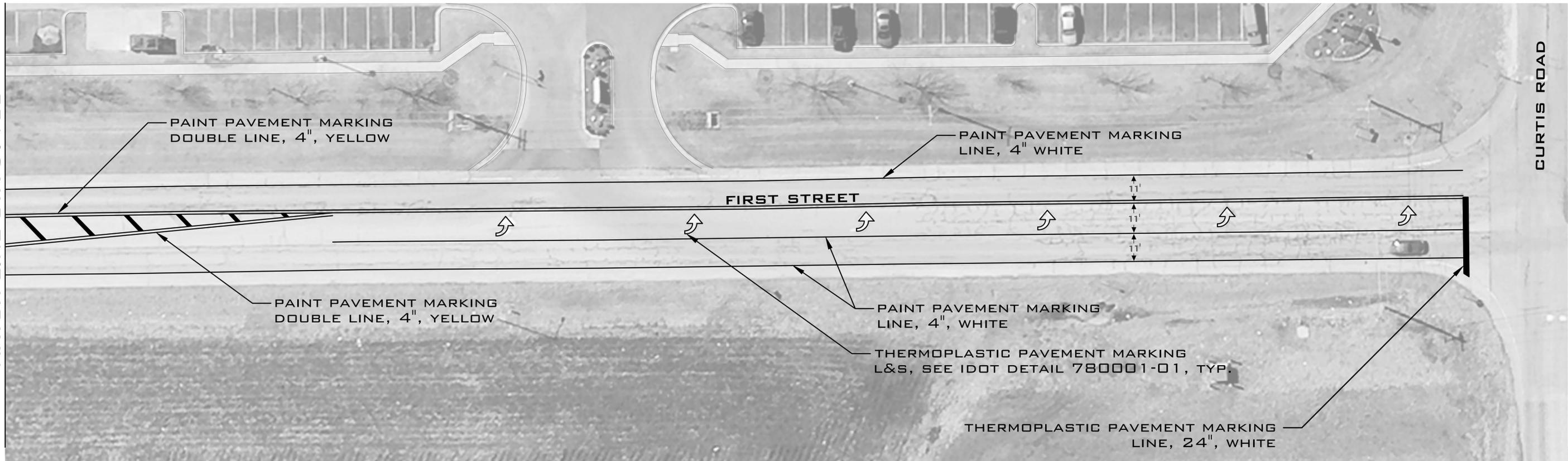
REVISIONS:



STRIPING

SHEET
16
 OF 17

MATCH LINE STA 57+00



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17
 OF 17