

STATE OF OHIO, DEPARTMENT OF HIGHWAYS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

1
3

STARK COUNTY
STA-21-(10.17-10.22)

FED. No.

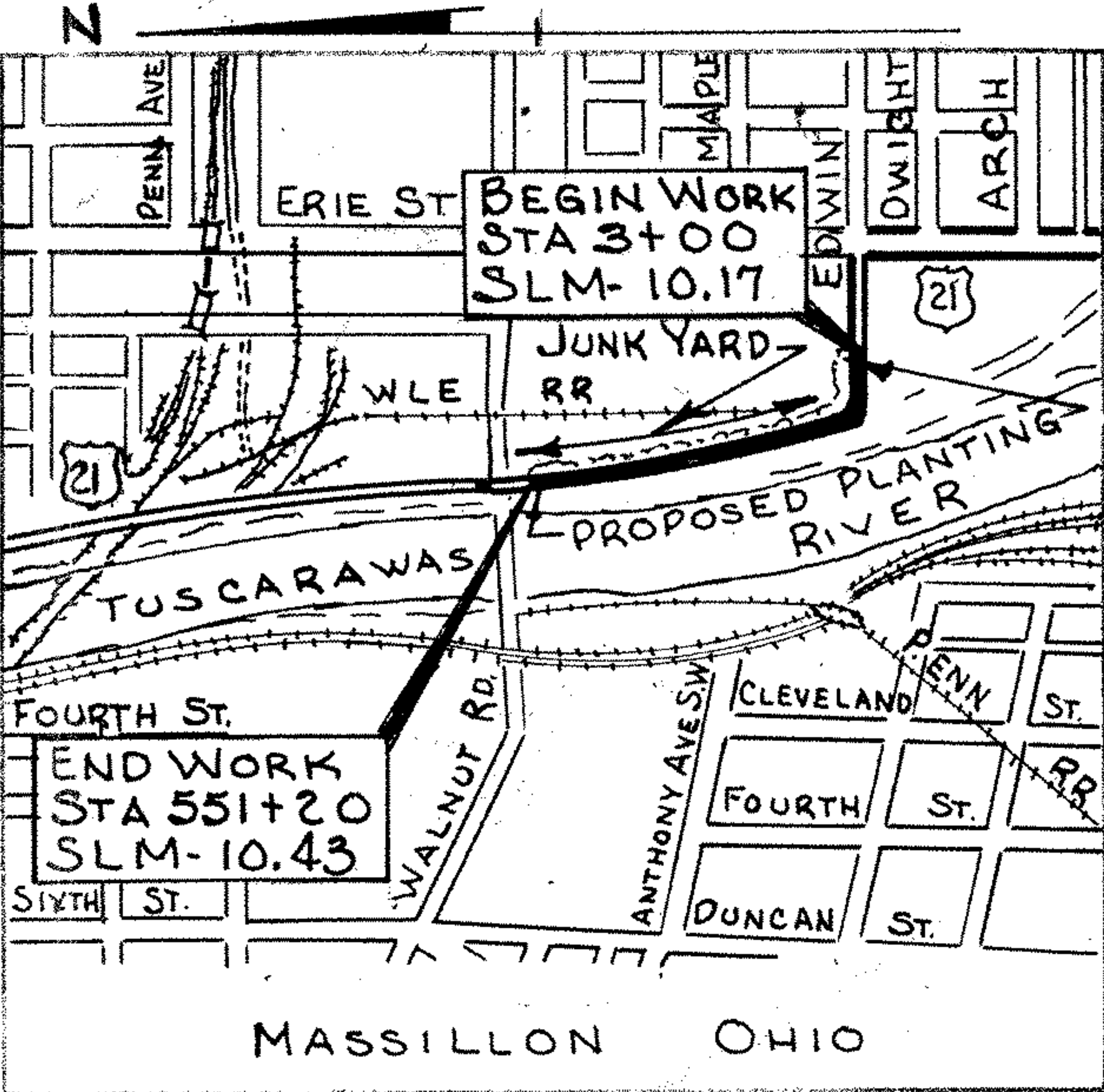
PART 1	STARK	COUNTY
PART		COUNTY
PART		COUNTY
PART		COUNTY

SR# 21	SEC. 10.17	TO SEC. 10.43	NET LENGTH 0.269 MI.
SR#	SEC.	TO SEC.	MI.
SR#	SEC.	TO SEC.	MI.
SR#	SEC.	TO SEC.	MI.

NET LENGTH OF WORK 1420 LIN.FT. OR 0.269 MILES

CITY OF MASSILLON
JUNK YARD SCREENING

PART	COUNTY	TOWNSHIP	CITY	VILLAGE
1	STARK		MASSILLON	



PART	DELIVERY POINT	RAILROAD	AVERAGE HAUL
1	MASSILLON	B&O R.R. W.C. & L. R.R. PENNA R.R.	1/2 MILE

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS
L-1	6-1-65	FACI-1
L-2	6-1-65	FACI-2
MC-3	5-1-65	

1967 SPECIFICATIONS

The Standard Specifications of the State of Ohio, Department of Highways, including changes and Supplemental Specifications listed in the proposal shall govern this improvement.

The right of way necessary for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

Approved Date 1-27-67 Division Deputy Director

Approved Date Deputy Director of Planning & Programming

Approved Date Deputy Director Right of Way

Approved Date Engineer of Location & Design

Approved Date Deputy Director of Design & Construction

Approved Date First Assistant Director

Approved Date Director of Highways

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

TITLE SHEET

GENERAL NOTES

FED RD DIVISION	STATE	PROJECT	
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TRAFFIC

TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT FOR MINIMUM PERIODS OF TIME THAT ONE WAY TRAFFIC WILL BE NECESSARY. THE ENGINEER SHALL DETERMINE WHEN AND THE LENGTH OF TIME NECESSARY TO MAINTAIN ONE WAY TRAFFIC. ALL INCIDENTALS NECESSARY TO MAINTAIN TRAFFIC INCLUDING FLAGMEN AND SIGNS ARE CARRIED UNDER ITEM 614 MAINTAINING TRAFFIC.

EXISTING FACILITIES

ANY EXISTING FACILITIES SUCH AS PAVEMENT, GUARD RAIL, FENCE, ETC, THAT ARE DAMAGED OR REMOVED DURING CONSTRUCTION OF THIS PROJECT SHALL BE RESTORED TO ITS ORIGINAL STATE UNDER THE DIRECTION OF THE ENGINEER IN ACCORDANCE WITH STATE SPECIFICATIONS. THIS SHALL BE DONE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE STATE.

RESTORING DISTURBED AREAS

SODDED OR SEEDED AREAS DISTURBED DURING THE PROCESS OF CONSTRUCTING THIS PROJECT SHALL BE RESTORED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION EITHER BY SODDING OR SEEDING, MEETING THE REQUIREMENTS OF ITEM 659 SEEDING AND MULCHING OR ITEM 660 SODDING. THIS SHALL BE DONE AT NO ADDITIONAL EXPENSE TO THE STATE AND AT THE DIRECTION OF THE ENGINEER.

EXISTING TREES AND SHRUBS

EXISTING TREES AND SHRUBS WILL TAKE PRIORITY OVER PROPOSED PLANTINGS. THE LOCATIONS OF THE PROPOSED TREES AND SHRUBS ARE APPROXIMATE AND MAY BE REARRANGED AT THE DIRECTION OF THE ENGINEER WHEN PLANTS OR OBSTRUCTIONS ARE ENCOUNTERED.

LOCATION OF TREES

ALL TREES THAT WILL HAVE A TRUNK DIAMETER OF FOUR INCHES OR MORE ON MATURITY SHALL NOT BE PLANTED WITHIN AN AREA OF LESS THAN ABOUT 30' THIRTY FEET FROM THE EDGE OF A MAIN TRAVEL LANE UNLESS THEY ARE BEHIND GUARD RAIL.

TRENCHES AND POCKET HOLES

SHRUBS MAY BE PLANTED IN A CONTINUOUS TRENCH OR POCKET HOLES OR AS SPECIFIED ON THE PLANS WITH SPACINGS AS INDICATED ON THE PLANS. MULCH SHALL BE PLACED OVER THE ENTIRE TRENCH AREA OR POCKET HOLE AND SIX INCHES BEYOND THE EXCAVATION LIMITS UNLESS OTHERWISE INDICATED ON THE PLANS AND AT THE DEPTH SPECIFIED FOR MULCHING MATERIAL USED.

PLANTING

AFTER THE TRENCH OR POCKET HOLE HAS BEEN EXCAVATED TO THE SPECIFIED SIZE AND DEPTH, IT SHALL BE BACKFILLED WITH TOPSOIL-CALCINED CLAY MIXTURE AS DESCRIBED IN THE PLANS AND PROPOSAL, TO A DEPTH OF SIX (6) INCHES. COMMERCIAL FERTILIZER (12-12-12) AT THE RATE OF TWO (2) POUNDS PER 100 SQ. FT. OF TRENCH, OR 1/4 POUND PER VINE OR SHRUB, OR 1/2 POUND PER INCH CALIPER OF TREES IF PLANTED IN POCKET HOLE, SHALL BE APPLIED IN THE BOTTOM OF THE HOLE OR TRENCH AND INCORPORATED IN THE BACKFILL MIXTURE. THE PLANT SHALL THEN BE SET AND THE HOLE OR TRENCH FILLED WITH TOPSOIL CALCINED CLAY MIXTURE AND THE PLANTING OPERATION PERFORMED AS SPECIFIED. AFTER PLANTING AND PRIOR TO MULCHING, COMMERCIAL FERTILIZER (12-12-12) SHALL BE APPLIED OVER THE TOP OF THE BACKFILLED AREA AT THE SAME RATE AS USED IN THE BOTTOM OF THE AREA.

MULCHING

MULCH MAY CONSIST OF WOOD CHIPS, GROUND OR CRUSHED CORN COBS, WOOD SHAVINGS, SAW DUST OR SHREDDED BARK. WOOD CHIPS SHALL BE APPLIED AT A MINIMUM RATE OF (6) INCHES DEPTH. GROUND OR CRUSHED COBS, SAWDUST, WOOD SHAVINGS OR SHREDDED BARK SHALL BE APPLIED AT A RATE OF (4) INCH DEPTH.

PLANTING SUBSTITUTIONS

SUBSTITUTIONS MAY BE MADE FOR 662 AND 663 ITEMS PROVIDING THE MATERIAL PROPOSED FOR SUBSTITUTION MEETS THE FOLLOWING REQUIREMENTS. DELIVERED SIZE, ULTIMATE HEIGHT, HABIT, AND DENSITY OF GROWTH AND TEXTURE OF FOLIAGE SHALL BE APPROXIMATELY THE SAME AS FOR THE MATERIAL SPECIFIED.

ALL PROPOSALS FOR SUBSTITUTION SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL OR REJECTION, (40) FORTY DAYS PRIOR TO THE PROPOSED PLANTING DATE.

FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS.

SIGN DETAILS SHALL BE AS SPECIFIED ON STANDARD DRAWING FACI-1 CODE N 54(1)-96(2) MODIFIED BY DELETING REFERENCE TO "YOUR HIGHWAY TAXES AT WORK" "FEDERAL HIGHWAY TRUST FUNDS," AND "STATE HIGHWAY FUNDS" AND INSERTING IN THEIR RESPECTIVE POSITIONS "YOUR HIGHWAY FUNDS AT WORK", "FEDERAL FUNDS" AND "STATE FUNDS."

ONE SIGN SHALL BE PLACED ON BOTH ENDS OF THE PROJECT. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

GENERAL NOTES

GENERAL SUMMARY

CODE TYPE Y-023

FED. RD DIVISION	STATE	PROJECT	
2	OHIO		

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GENERAL SUMMARY

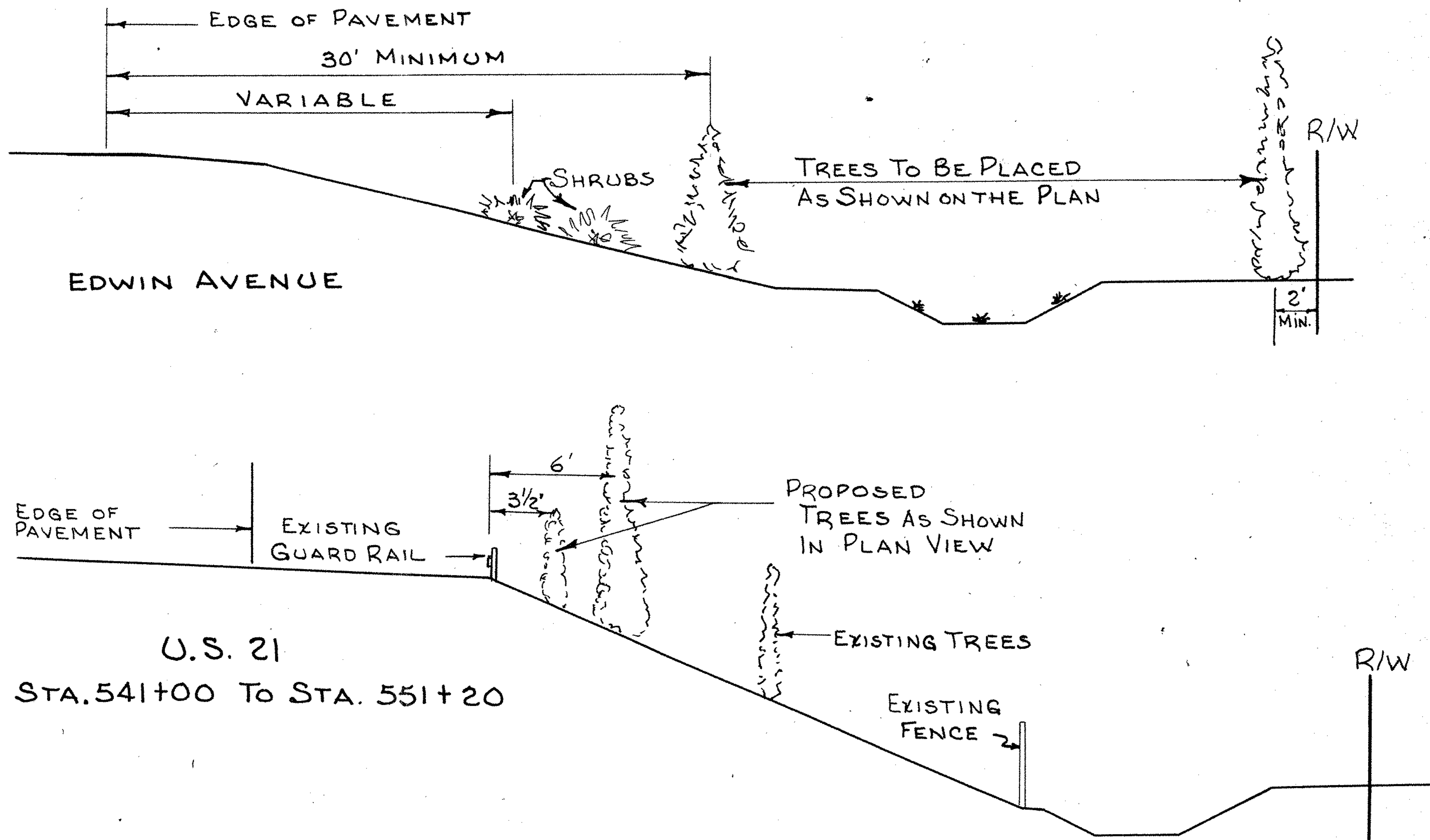
TYPICAL PLANTING DETAILS

SCALE 1"=5'

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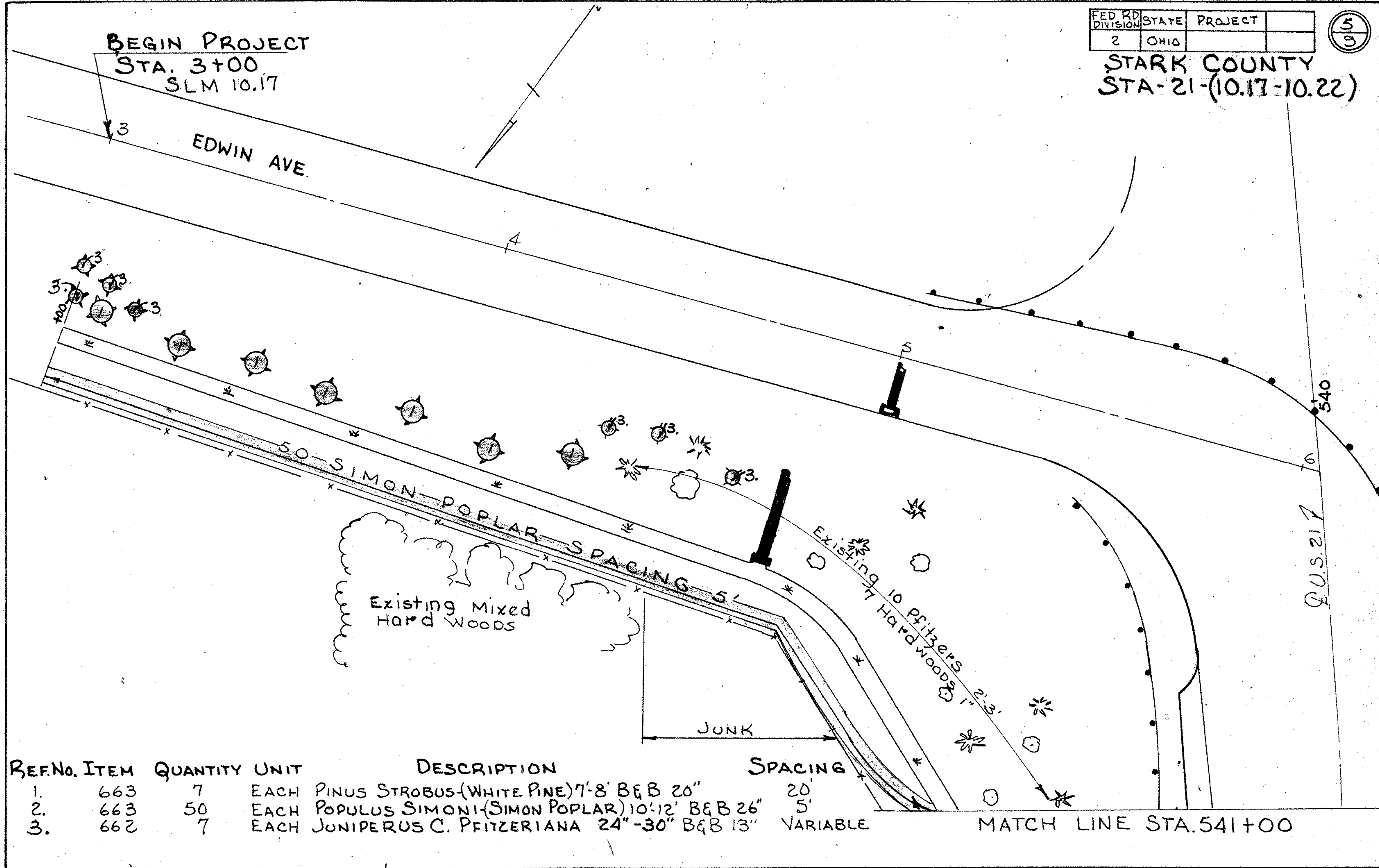
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U.S. 21
STA. 541+00 To STA. 551+20

TYPICAL PLANTING DETAILS

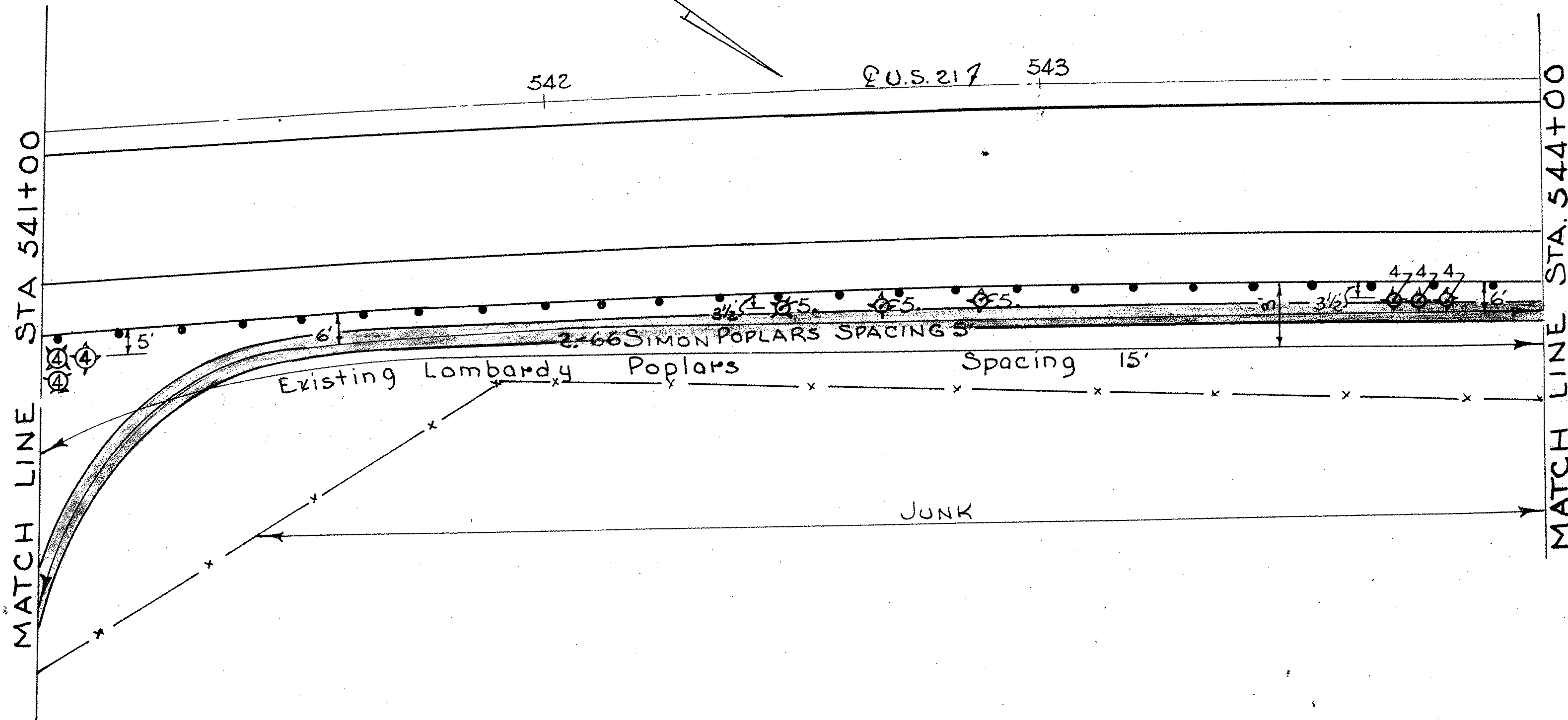


REF. NO.	ITEM	QUANTITY	UNIT	DESCRIPTION	SPACING
1.	663	7	EACH	PINUS STROBUS (WHITE PINE) 7'-8' B&B 20"	20'
2.	663	50	EACH	POPULUS SIMONI (SIMON POPLAR) 10'-12' B&B 26"	5'
3.	662	7	EACH	JUNIPERUS C. PFITZERIANA 24"-30" B&B 13"	VARIABLE

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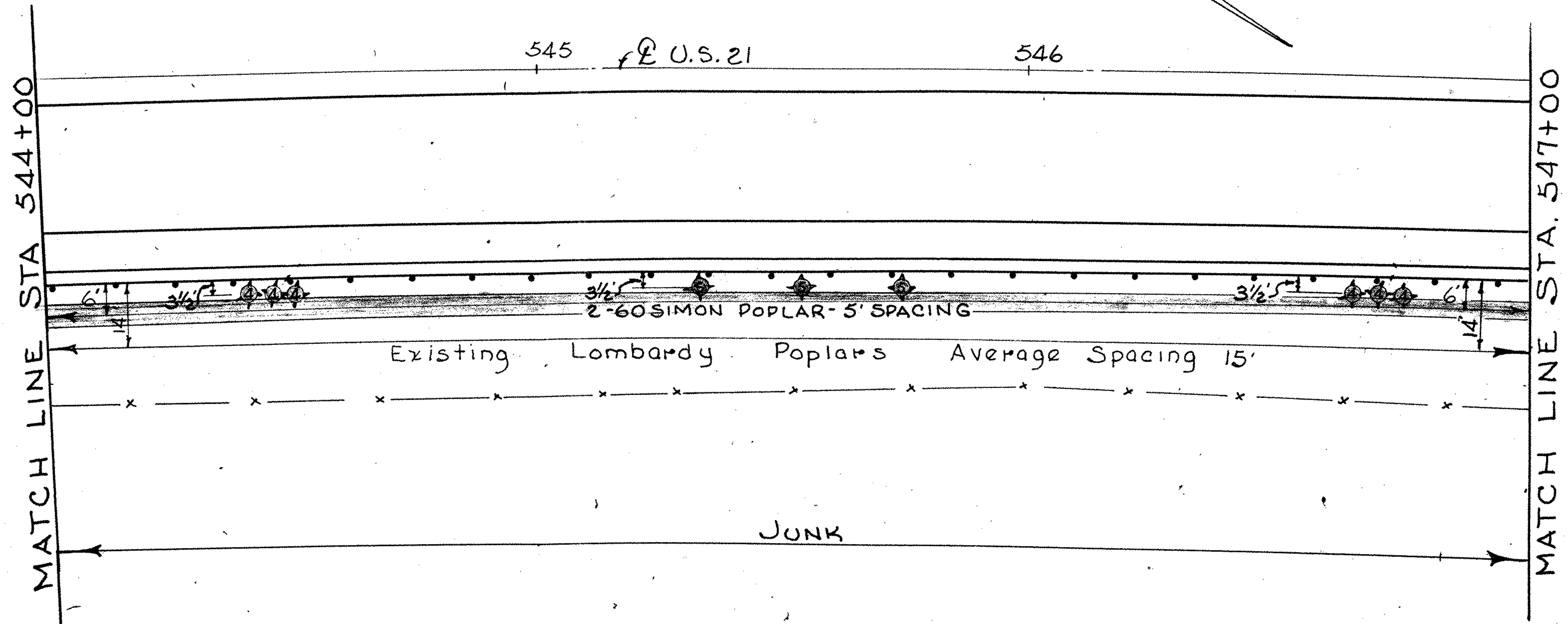
STARK COUNTY
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REF. NO.	ITEM	QUANTITY	UNIT	DESCRIPTION	SPACING
2.	663	66	EACH	POPULUS SIMONI (SIMON POPLAR) 10'-12' B&B 26"	5'
4.	663	6	EACH	THUJA OCCIDENTALIS NIGRA (DARK GREEN ARBORVITAE) 4'-5' B&B 14"	5'
5.	663	3	EACH	JUNIPERUS COLUMNARIS GLAUCA (BLUE CHINESE JUNIPER) 4'-5' B&B 14"	20'

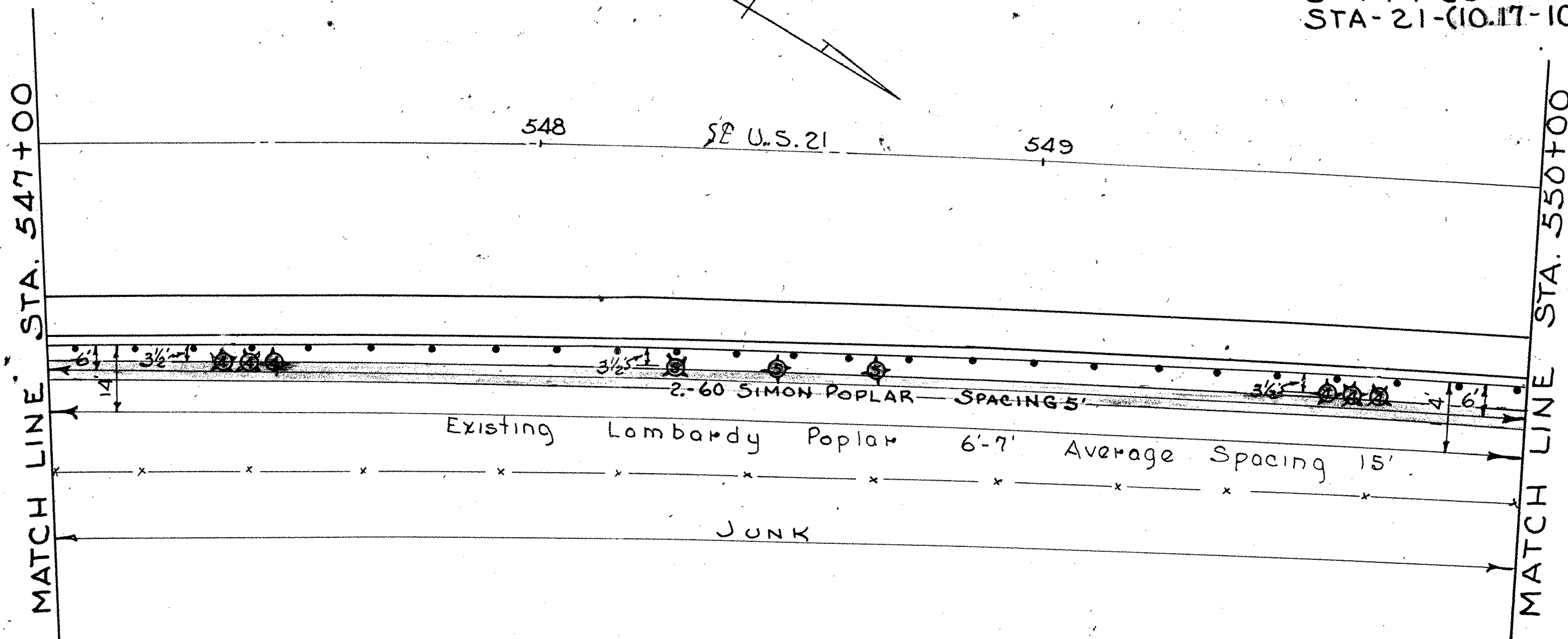
LINE SHEET STA 541+00 TO STA. 544+00

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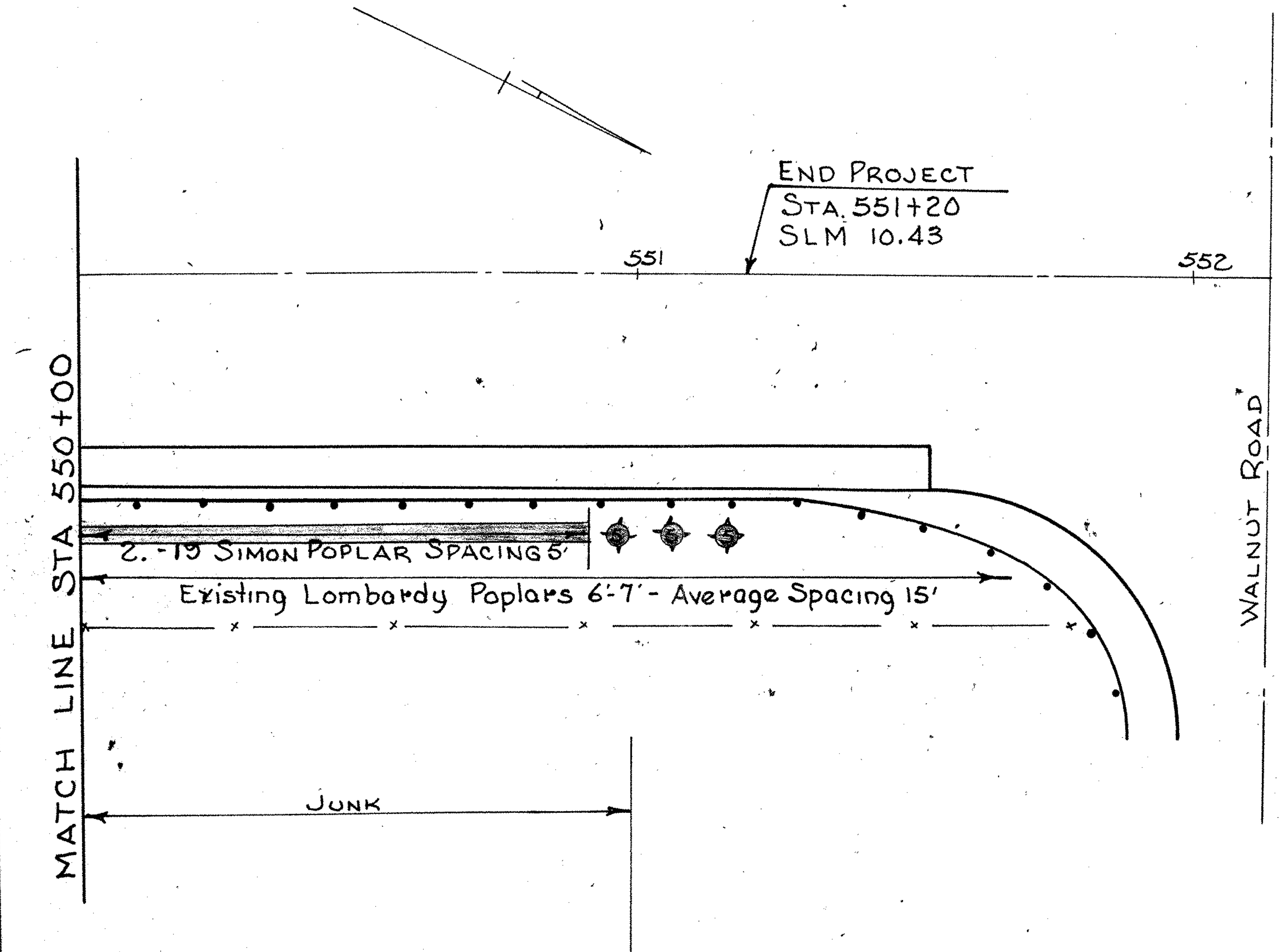
REF. NO.	ITEM	QUANTITY	UNIT	DESCRIPTION	SPACING
2.	663	60	EACH	POPULUS SIMONI (SIMON POPLAR) 10'-12' B & B 26"	5'
4.	663	6	EACH	THUJA OCCIDENTALIS NIGRA (DARK GREEN ARBORVITAE) 4'-5' B & B 14"	5'
5.	663	3	EACH	JUNIPERUS COLUMNARIS GLAUCA (BLUE CHINESE JUNIPER) 4'-5' B & B 14"	20'

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REF No	ITEM	QUANTITY	UNIT	DESCRIPTION	SPACING
2.	663	60	EACH	POPULUS SIMONI-(SIMON POPLAR) 10'-12' B&B 26"	5'
4.	663	6	EACH	THUJA OCCIDENTALIS NIGRA-(DARK GREEN ARBORVITAE) 4'-5' B&B 14"	5'
5.	663	3	EACH	JUNIPERUS COLUMNARIS GLAUCA-(BLUE CHINESE JUNIPER) 4'-5' B&B 14"	20'

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REF. No.	ITEM	QUANTITY	UNIT	DESCRIPTION	SPACING
2.	663	19	EACH	POPULUS SIMONI (SIMON POPLAR) 10'-12' B & B 26"	5'
5.	663	3	EACH	JUNIPERUS COLUMNARIS GLAUCA (BLUE CHINESE JUNIPER) 4'-5' B & B 14"	10'

LINE SHEET STA. 550+00 TO WALNUT ROAD