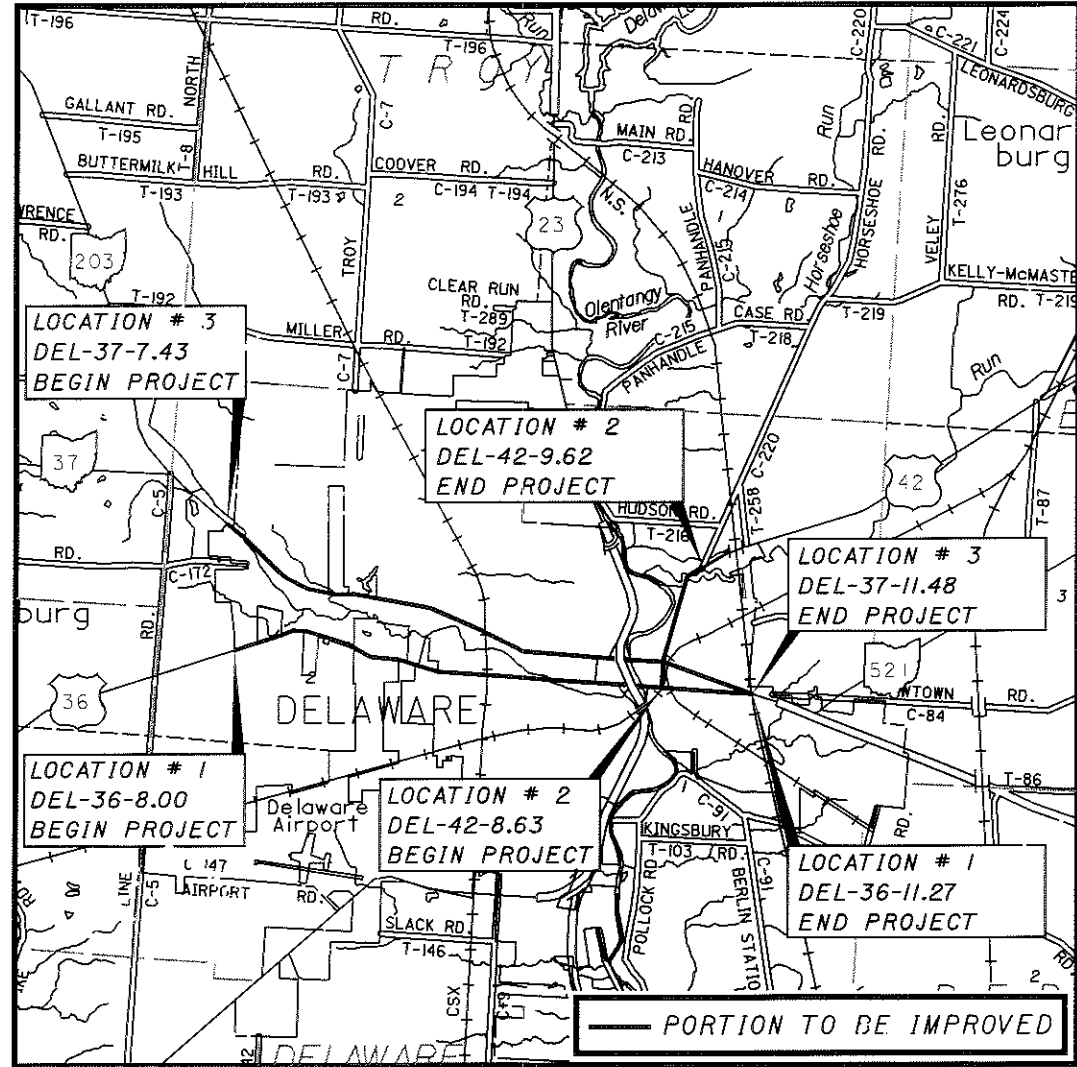


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

DEL - USR 36 - 8.00/Various
 030165 PID - 23420
 Dist 6 2/26/2003



LATITUDE & LONGITUDE

DEL-36 LAT.: N 40 DEG. 17 MIN. 54 SEC. / LONG.: W 83 DEG. 03 MIN. 42 SEC.
 DEL-42 LAT.: N 40 DEG. 18 MIN. 36 SEC. / LONG.: W 83 DEG. 03 MIN. 18 SEC.
 DEL-37 LAT.: N 40 DEG. 18 MIN. 48 SEC. / LONG.: W 83 DEG. 03 MIN. 54 SEC.

LOC	COUNTY	ROUTE	SECTION	PROJECT TERMINII		NET LENGTH MILE	CITY
				BEGIN SLM	END SLM		
1	DEL	36	(8.00-8.92)(10.58-11.22)	8.00	11.27	1.71	CITY OF DELAWARE
2	DEL	42	(8.63-9.56)	8.63	9.62	0.99	CITY OF DELAWARE
3	DEL	37	(7.43-7.53)(8.27-10.92)	7.43	11.48	3.59	CITY OF DELAWARE

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PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF THE RESURFACING OF 1.71 MILES OF US-36, 0.99 MILES OF US-42 AND 3.59 MILES OF SR-37 WITHIN CORPORATION LIMITS OF THE CITY OF DELAWARE.

DESIGN DESIGNATION

CURRENT ADT (2003)	12,177
DESIGN YEAR ADT (2013)	14,846
DESIGN HOURLY VOLUME (2013)	619
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B & C)	10%
DESIGN SPEED	40
LEGAL SPEED	35
LANE ADTT	562

2002 SPECIFICATIONS

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THESE IMPROVEMENTS WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGH-WAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS PROJECT.

DESIGN FUNCTIONAL CLASSIFICATION	
DEL-US-36	URBAN PRINCIPAL ARTERIAL
DEL-US-42	URBAN MINOR ARTERIAL
DEL-37	URBAN MINOR ARTERIAL

STANDARD DRAWINGS

SUPPLEMENTAL SPECIFICATIONS

STANDARD DRAWINGS	SUPPLEMENTAL SPECIFICATIONS
BP-3.1 7/28/00	908 4/19/02
TC-71.10 4/19/02	
TC-73.10 1/19/01	
TC-82.10 4/19/02	
MT-95.31 4/19/02	
MT-95.32 4/19/02	
MT-95.60 4/19/02	
MT-95.61 4/19/02	
MT-97.11 4/19/02	
MT-99.20m 1/30/95	
MT-105.10m 4/25/94	
MT-105.11m 4/25/94	

Signed: *David P. Poling*
Date: 9/23/02

PLAN PREPARED BY:
O.D.O.T.
DISTRICT SIX
IN-HOUSE DESIGN

UNDERGROUND UTILITIES

TWO WORKING DAYS
BEFORE YOU DIG

CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

PLANS CERTIFIED BY:

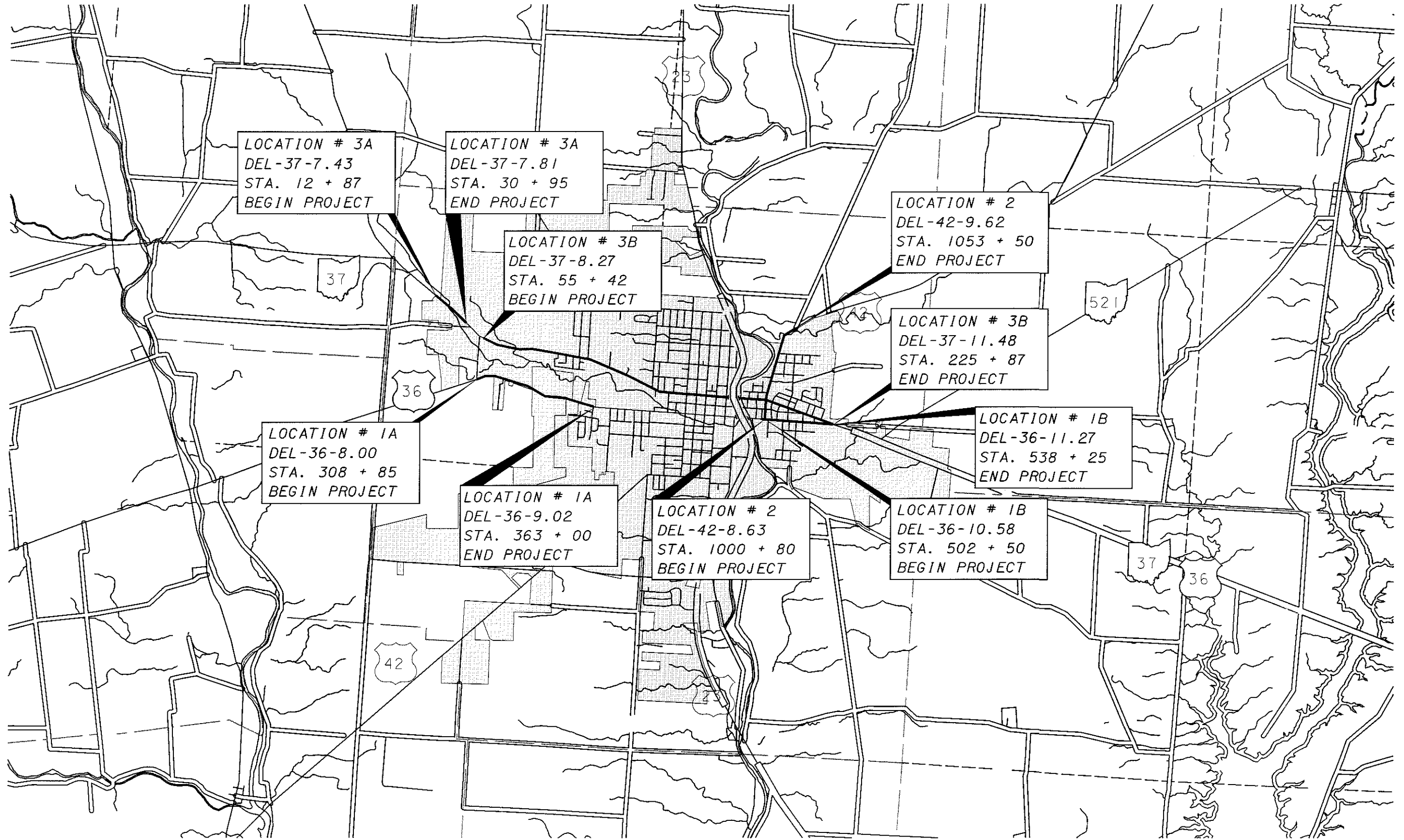
NAME: *Paul Kivella* DATE: 9/23/02

DISTRICT 6
OHIO DEPT. OF TRANSPORTATION

Approved: *William Lewis*
Date: 9/23/02 District Deputy Director of Transportation

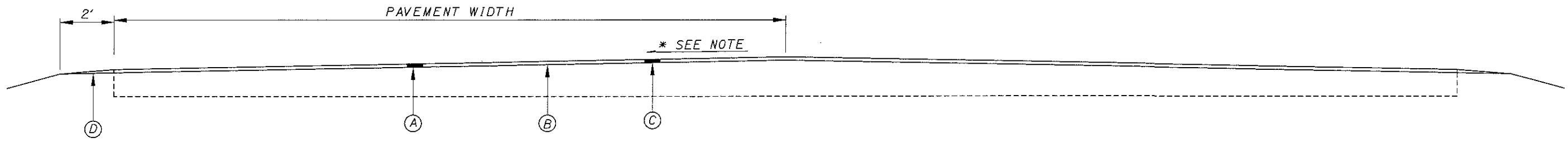
Approved: *Jordan Proctor*
Date: 10-31-02 Director, Department of Transportation

FEDERAL PROJECT NO. NON-FED
 PID NO. 23420
 CONSTRUCTION PROJECT NO.
 RAILROAD INVOLVEMENT
 DEL-36-8.00
 1
 83

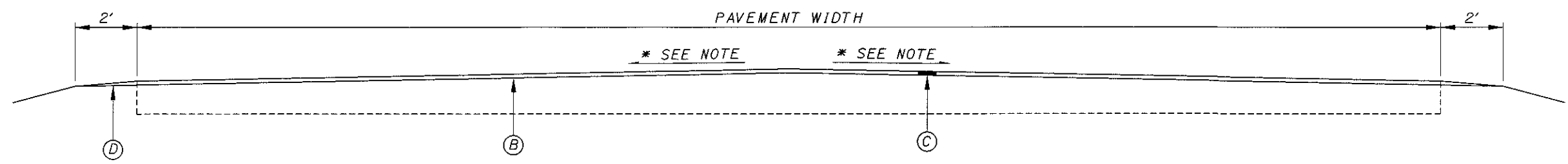


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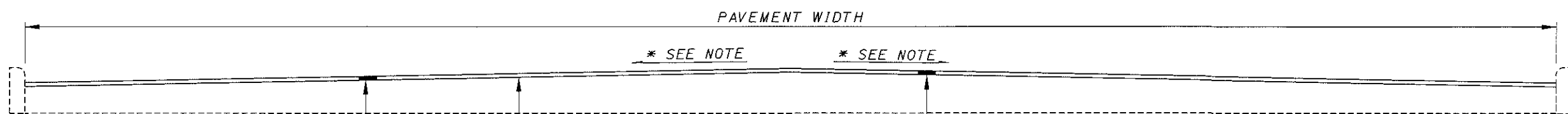
TYPICAL SECTION #1



TYPICAL SECTION #2



TYPICAL SECTION #3

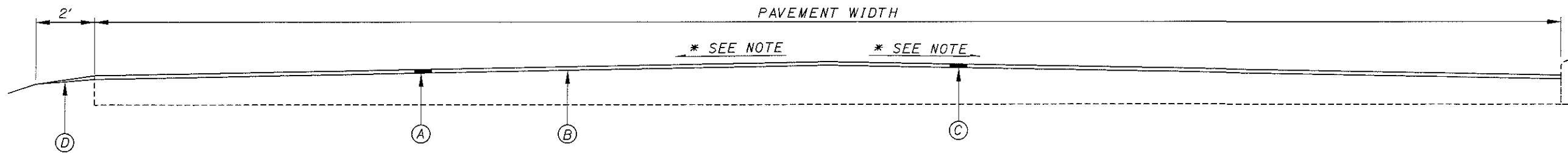


*** NOTES**
MAINTAIN THE EXISTING PAVEMENT CROSS SLOPE

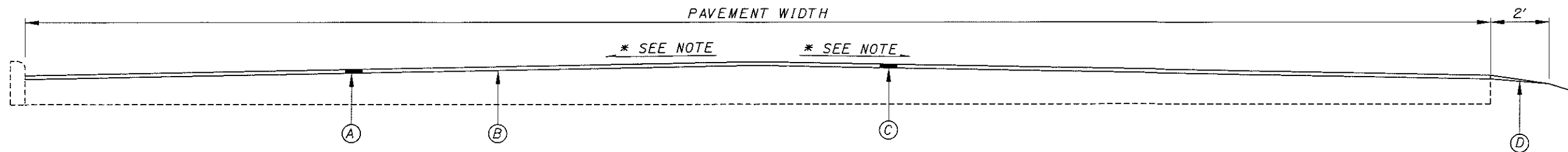
- ITEM LEGEND**
- (A) ITEM 254 - 1.5" PAVEMENT PLANING, BITUMINOUS
 - (B) ITEM 407 - TACK COAT @ 0.075 PER SY. YD.
 - (C) ITEM 448 - ASPHALT CONCRETE SURFACE COURSE
 - (D) ITEM 617 - COMPACTED AGGREGATE TYPE A

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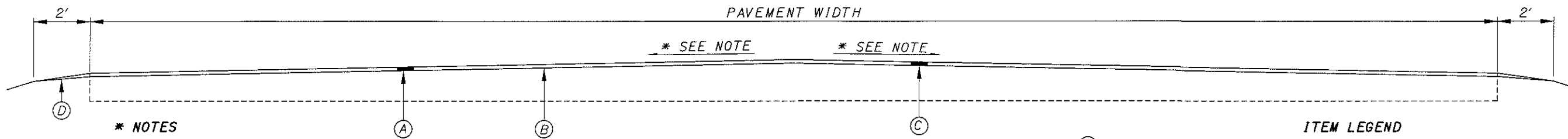
TYPICAL SECTION #4



TYPICAL SECTION #5



TYPICAL SECTION #6



* NOTES
 MAINTAIN THE EXISTING PAVEMENT CROSS SLOPE

- ITEM LEGEND
- (A) ITEM 254 - 1.5" PAVEMENT PLANING, BITUMINOUS
 - (B) ITEM 407 - TACK COAT @ 0.075 PER SY. YD.
 - (C) ITEM 448 - ASPHALT CONCRETE SURFACE COURSE
 - (D) ITEM 617 - COMPACTED AGGREGATE TYPE A

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CONSTRUCTION INITIATION:

THE CONTRACTOR SHALL ADVISE THE DISTRICT OFFICE OF COMMUNICATIONS AT 740-363-1251, EXT 469 OR BY FAX AT 740-369-7437, THE DISTRICT TRAFFIC MANAGEMENT ENGINEER AT 740-363-1251, EXT 323, AND THE CITY OF DELAWARE DEPARTMENT OF ENGINEERING (DOUGLAS WRIGHT) AT 740-368-1633 FOURTEEN (14) DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT TRAFFIC MANAGEMENT ENGINEER OF ANY AND ALL DELAYS AND / OR CHANGES REGARDING THE CONSTRUCTION PROJECT. THE PROJECT ENGINEER WILL PROVIDE CLARIFICATION FOR ANY QUESTIONS ABOUT THIS NOTIFICATION REQUIREMENT.

COORDINATION WITH O.D.O.T. CENTRAL OHIO TRAFFIC MANAGEMENT PROGRAM (COTMP):

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE CITY OF DELAWARE DEPARTMENT OF ENGINEERING (DOUGLAS WRIGHT) AT 740-368-1633 IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES ON A WEEKLY BASIS. WHEN DETOURS ARE PLANNED, THIS NOTIFICATION SHALL BE AT THE PRE CONSTRUCTION MEETING OR 30 DAYS IN ADVANCE ONCE CONSTRUCTION HAS BEGUN. LANE AND RAMP CLOSURES FOR TWO OR MORE WEEKS SHALL BE REPORTED TWO WEEKS IN ADVANCE OF CLOSURE. LANE AND RAMP CLOSURES OF LESS THAN TWO WEEKS DURATION AND MORE THAN TWO DAYS SHALL BE REPORTED AT LEAST 5 - 7 WORKING DAYS IN ADVANCE. FOR SHORT TERM LANE OR RAMP CLOSURES (TWO DAYS OR LESS) THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT LEAST THREE WORKING DAY IN ADVANCE. INFORMATION SHALL INCLUDE BUT NOT BE LIMITED TO ALL CONSTRUCTION ACTIVITIES THAT IMPACT TRAFFIC AT PRESENT AND IN THE NEXT 30 DAYS. THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL WHO WILL BE RESPONSIBLE FOR PREPARING THIS REPORT AT THE PRE CONSTRUCTION MEETING. ANY UNFORESEEN IMPACTS TO TRAFFIC SHALL BE REPORTED TO THE PROJECT ENGINEER AS SOON AS POSSIBLE. THE PROJECT ENGINEER SHALL PROVIDE THIS INFORMATION TO COTMP. ALL CONSTRUCTION ACTIVITIES THAT INTERFERE WITH TRAFFIC SHALL BE REPORTED TO COTMP. THIS INFORMATION SHALL BE PROVIDED TO COTMP AT (740) 363-1251 (EXT. 323) OR BY FAX AT (740) 363-6831.

GENERAL:

THE CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL IN WRITING BEFORE WORK IS STARTED ON THIS PROJECT. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

NO WORK WILL BE PERFORMED BETWEEN THE FOLLOWING HOURS.

DAY OF THE WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	NO WORK PERMITTED
MONDAY	9:00 PM THROUGH 7:00 AM
TUESDAY	9:00 PM THROUGH 7:00 AM
WEDNESDAY	9:00 PM THROUGH 7:00 AM
THURSDAY	9:00 PM THROUGH 7:00 AM
FRIDAY	9:00 PM THROUGH 7:00 AM
SATURDAY	9:00 PM THROUGH 7:00 AM

CONVERSION OF STANDARD CONSTRUCTION DRAWINGS:

THE METRIC STANDARD DRAWINGS REFERENCED IN THIS PLAN SHALL BE CONVERTED TO ENGLISH UNITS USING THE SI (METRIC) TO ENGLISH CONVERSION FACTORS PROVIDED IN SECTION 109.02 OF THE 2002 CONSTRUCTION AND MATERIAL SPECIFICATIONS. CONVERSIONS SHALL BE APPROPRIATELY PRECISE AND SHALL REFLECT STANDARD INDUSTRY ENGLISH VALUES WHERE SUITABLE.

CONSTRUCTION NOISE:

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, ANY POWER OPERATED CONSTRUCTION TYPE DEVICE SHALL NOT BE OPERATED BETWEEN THE HOURS OF 9:00 PM AND 7:00 AM. IN ADDITION, ANY SUCH DEVICE SHALL NOT BE OPERATED AT ANY TIME IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

REVIEW OF DRAINAGE FACILITIES:

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS, MANHOLES, CATCH BASINS AND WATER VALVES WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED, AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWERS, MANHOLES, CATCH BASINS AND WATER VALVES INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

UTILITIES OWNERSHIP:

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS.

COLUMBIA GAS OF OHIO, INC. 920 WEST GOODALE BOULEVARD COLUMBUS, OHIO 43212 1-614-460-2338	AEP (COLUMBUS & SOUTHERN POWER) 850 TECH CENTER DRIVE GAHANNA, OHIO 43230 1-614-552-1180
TIME WARNER COMMUNICATIONS 1266 DUBLIN ROAD P.O. BOX 2553 COLUMBUS, OHIO 43216 1-614-481-5263	AMERITECH 150 EAST GAY STREET-ROOM 6C COLUMBUS, OHIO 43215 1-614-223-7162
QWEST COMMUNICATIONS 576 WEST DAVID ROAD KETTERING, OHIO 45429 1-937-297-1649	DEL-CO WATER COMPANY 6773 OLENTANGY RIVER RD. DELAWARE, OHIO 43015 1-740-548-7746
CITY OF DELAWARE 20 EAST WILLIAM STREET DELAWARE, OHIO 43015 1-740-368-1633	AT&T LOCAL SERVICE 10 WEST BROAD ST.-SUITE 400 COLUMBUS, OHIO 43215 1-614-233-5746
MC1 WORLD COM 400 INTERNATIONAL PARKWAY DEPARTMENT 1187/04 RICHARDSON, TEXAS 75081 1-214-918-3344	CONSOLIDATED ELECTRIC CO-OP 5255 STATE ROUTE 95 P.O. BOX 111 MT. GILEAD, OHIO 43338 1-419-947-3055
SPRINT 127 NORTH MAIN STREET BELLEFONTAINE, OHIO 43311 1-937-599-9285	SUBURBAN NATURAL GAS 2626 LEWIS CENTER ROAD LEWIS CENTER, OHIO 43035 1-740-548-2450
VERIZON 550 LEADER STREET MARION, OHIO 43302 1-740-383-0527	

UNDERGROUND UTILITIES:

IT IS THE CONTRACTORS RESPONSIBILITY TO HAVE ANY UNDERGROUND UTILITIES MARKED.
OHIO UTILITY PROTECTION SERVICE 1-800-362-2764
NON-MEMBERS MUST BE CALLED DIRECTLY.

ALIGNMENT AND PROFILE:

THE WORK PROPOSED BY THIS PROJECT IS FOR THE RESURFACING OF THE EXISTING PAVEMENT. THE ALIGNMENT OF THE EXISTING PAVEMENT WILL NOT BE CHANGED, AND THE PROFILE OF THE PROPOSED SURFACE WILL BE SIMILAR TO THAT OF THE EXISTING PAVEMENT.

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GENERAL NOTES

DEL-36-8.00

CONTRACTORS EQUIPMENT - OPERATION AND STORAGE:

THE CONTRACTORS EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC WHERE PRACTICAL. EQUIPMENT SHALL HAVE AT LEAST ONE AMBER FLASHING LIGHT. WHEN PARKED ALONG THE HIGHWAY, THE EQUIPMENT SHALL BE LOCATED EITHER A MINIMUM OF THIRTY FEET FROM THE EDGE OF PAVEMENT OR SIX FEET BEHIND GUARDRAIL WITH A MINIMUM OF 125 FEET OF GUARDRAIL PRECEDING THE EQUIPMENT. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT AN APPROVED CONTRACTORS STORAGE AREA.

CONTINGENCY QUANTITIES:

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED AS DIRECTED BY THE ENGINEER UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

PAVING AT RAILROAD CROSSING:

THE CROWN SHALL BE WORKED OUT OF THE PROPOSED PAVEMENT ON EACH SIDE OF THE RAILROAD CROSSING, BEGINNING 50 FEET FROM THE NEAREST RAIL, BY RAISING THE EDGES OF THE NEW PAVEMENT TO MEET THE PLATFORM ELEVATION.

ITEM 202 - RAISED PAVEMENT MARKER REMOVED FOR STORAGE:

THIS QUANTITY TO BE USED AT VARIOUS LOCATIONS THROUGHOUT THE PROJECT TO REMOVE RANDOM RAISED PAVEMENT MARKER WITH IN THE PROJECT LIMITS. THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL CARRIED TO THE GENERAL SUMMARY.

VARIOUS LOCATIONS - 100 EACH

ITEM 202 - RAISED PAVEMENT MARKER REMOVED FOR STORAGE - 100 EACH

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE:

THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR ANY AND ALL DAMAGE THAT MAY RESULT FROM THE PLANING OPERATION, INCLUDING CASTINGS AND LOOP DETECTORS. THE DEPTH OF PLANING CLOSE TO THE CASTINGS SHALL BE AS DIRECTED, TO ACHIEVE A SMOOTH RIDING FINISHED PAVEMENT. GREAT CARE SHALL BE TAKEN TO PREVENT THE REMOVAL THE EXISTING PAVEMENT CROSS-SLOPE (CROWN) DURING THE PLANING OPERATIONS.

NO PLANED PAVEMENT SHALL BE LEFT EXPOSED TO TRAFFIC FOR MORE THAN FIVE CONSECUTIVE DAYS PRIOR TO THE PLACEMENT OF ITEM 446 - ASPHALT CONCRETE SURFACE COURSE, TYPE I-H. FAILURE TO COMPLY SHALL SUBJECT THE CONTRACTOR TO LIQUIDATED DAMAGES AS PER SECTION 108.07 OF CMS.

ITEM 407 - TACK COAT:

THE RATE OF APPLICATION OF THE 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. FOR ESTIMATING PURPOSES ONLY, THE PLAN INDICATES AN AVERAGE APPLICATION RATE OF TACK COAT AT 0.075 GALLON PER SQUARE YARD. A COVER AGGREGATE SHALL BE USED IF HEAVY TRACKING OF THE TACK COAT ON TO THE EXISTING PAVEMENT SHOULD OCCUR DURING THE PAVING OPERATIONS. THE COST OF THE COVER AGGREGATE SHALL BE INCLUDED IN THE COST OF THIS ITEM.

ITEM 448 - ASPHALT CONCRETE SURFACE COURSE, TYPE I,

PG64-22:

GREAT CARE SHALL BE TAKEN TO MAINTAIN THE EXISTING PAVEMENT CROSS-SLOPE (CROWN) AND INTERSECTION CROSS-SLOPES (CROWN) DURING THE PAVING OPERATIONS. THE FOLLOWING ESTIMATED QUANTITY OF 20 CU. YDS. HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO PROVIDED SMOOTH PAVEMENT TRANSITIONS BETWEEN ANY EXISTING DRIVEWAY OR CURB RAMP AND THE PROPOSED ASPHALT SURFACE COURSE AND WILL BE PLACED "AS DIRECTED BY THE ENGINEER".

ITEM 448 - ASPHALT CONCRETE SURFACE COURSE, TYPE I, PG64-22: - 20 CU.YD.

ITEM 604 - CATCH BASIN ADJUSTED TO GRADE:

THIS ITEM IS A CONTINGENCY QUANTITY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER AT VARIOUS LOCATIONS AND PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND HARDWARE NECESSARY TO ADJUST TO GRADE THE EXISTING CATCH BASIN TO THE PROPOSED ASPHALT ELEVATION. THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL CARRIED TO THE GENERAL SUMMARY.

"AS DIRECTED BY THE ENGINEER" - 5 EACH
604 - CATCH BASIN ADJUSTED TO GRADE: - 5 EACH

ITEM 604 - MANHOLE ADJUSTED TO GRADE:

THIS ITEM IS A CONTINGENCY QUANTITY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER AT VARIOUS LOCATIONS AND PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND HARDWARE NECESSARY TO ADJUST TO GRADE THE EXISTING MANHOLE TO THE PROPOSED ASPHALT ELEVATION. THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL CARRIED TO THE GENERAL SUMMARY.

"AS DIRECTED BY THE ENGINEER" - 5 EACH
ITEM 604 - CATCH BASIN ADJUSTED TO GRADE: - 5 EACH

ITEM 617 - WATER:

THIS ITEM SHALL BE USED AS DIRECTED BY THE ENGINEER. THIS IS AN ESTIMATED QUANTITY OF 1 M/GAL. THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 617 - WATER: - 1 M/GAL

ITEM 623 - CONSTRUCTION LAYOUT STAKES, AS PER PLAN:

THIS ITEM SHALL CONSIST OF STATIONING USING 3 FT LATH STAKES OR PAINT MARKINGS. THE STAKES OR PAINT MARKINGS SHALL BE SPACED AT 100 FT INTERVALS AND EXTEND THROUGHOUT THE LENGTH OF THE PROJECT. PLACEMENT OF THE STAKES OR PAINT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED, MISSING STAKES, OR PAINT MARKINGS. PAINT MARKINGS SHALL BE PLACED ON CURBS AND USED IN AREAS WERE THE PLACEMENT OF STAKES IS NOT POSSIBLE AND APPROVED BY THE PROJECT ENGINEER.

CONSTRUCTION LAYOUT STAKES, AS PER PLAN WILL BE PAID FOR AT THE CONTRACT LUMP SUM BID, WHICH PRICE SHALL BE FULL COMPENSATION FOR ALL SERVICES, MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS, INCLUDING THE REMOVAL, NECESSARY TO COMPLETE THIS ITEM.

ITEM 632 - DETECTOR LOOP:

THE LOCATIONS, SIZES AND SHAPES OF PROPOSED LOOP DETECTORS WILL BE THE SAME AS EXISTING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, SIZE AND SHAPE OF THE EXISTING DETECTOR LOOPS BEFORE ANY PAVEMENT PLANING OR RESURFACING DESTROYS THEM. THE CONTRACTOR SHALL CONTACT KEITH BLANKENSHIP OF CITY OF DELAWARE (2) DAYS IN ADVANCE OF STARTING ANY PAVEMENT PLANING OR RESURFACING ON THE PROJECT.

KEITH BLANKENSHIP
CITY OF DELAWARE
MAINTENANCE DEPARTMENT
241 CHERRY STREET
DELAWARE, OHIO 43015
1-740-369-9675

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED AND THE TOTAL CARRIED TO THE GENERAL SUMMARY.

ITEM 632 - DETECTOR LOOP - 20 EACH

ITEM 632 - LOOP DETECTOR TIE IN:

THIS ITEM SHALL BE USED TO CONNECT AND SPLICE THE PROPOSED DETECTOR LOOPS TO THE APPROPRIATE EXISTING LEAD IN CABLE INSIDE THE PULL BOX. THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED AND THE TOTAL CARRIED TO THE GENERAL SUMMARY.

ITEM 632 - LOOP DETECTOR TIE IN - 20 EACH

ITEM 638 - VALVE BOX ADJUSTED TO GRADE:

THIS ITEM IS A CONTINGENCY QUANTITY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER AT VARIOUS LOCATIONS AND PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND HARDWARE NECESSARY TO ADJUST TO GRADE THE EXISTING VALVE BOX TO THE PROPOSED ASPHALT ELEVATION. THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL CARRIED TO THE GENERAL SUMMARY.

"AS DIRECTED BY THE ENGINEER" - 5 EACH
638 - VALVE BOX ADJUSTED TO GRADE: - 5 EACH

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GENERAL NOTES

DEL-36-8.00

ITEM 614 - THERMOPLASTIC PAVEMENT MARKING:

THE LOCATIONS, SIZES AND SHAPES OF PROPOSED PAVEMENT MARKINGS WILL BE THE SAME AS EXISTING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, SIZE AND SHAPE OF THE EXISTING PAVEMENT MARKINGS BEFORE ANY PAVEMENT PLANING OR RESURFACING DESTROYS THEM. THE PAVEMENT MARKING PRE-MARKING SHALL BE APPROVED BY THE CITY OF DELAWARE (DOUGLAS WRIGHT AT 1-740-368-1633) PRIOR TO THE PLACEMENT OF THE FINAL PAVEMENT MARKINGS. ANY PAVEMENT MARKING WHICH IS PLACED AT THE WRONG LOCATION SHALL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

ITEM 614 - MAINTAINING TRAFFIC:

LANE CLOSURES:

NO LANE CLOSURES WILL BE ALLOWED BETWEEN THE FOLLOWING HOURS.

DAY OF THE WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	NO LANE CLOSURES PERMITTED
MONDAY	9:00 PM THROUGH 7:00 AM
TUESDAY	9:00 PM THROUGH 7:00 AM
WEDNESDAY	9:00 PM THROUGH 7:00 AM
THURSDAY	9:00 PM THROUGH 7:00 AM
FRIDAY	9:00 PM THROUGH 7:00 AM
SATURDAY	9:00 PM THROUGH 7:00 AM

MAINTENANCE OF TRAFFIC:

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, TO THE DISTRICT SIX MAINTENANCE OF TRAFFIC COORDINATOR, THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLAN WITH CONSTRUCTION PHASING DESCRIPTIONS, PRIOR TO BEGINNING WORK.

TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF THE COMPLETED ASPHALT CONCRETE COURSES. WORK ZONES SHALL BE LIMITED IN LENGTH TO THE AMOUNT OF WORK THAT CAN BE PERFORMED THAT DAY.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN, WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

HOLIDAYS

- CHRISTMAS
- NEW YEARS
- MEMORIAL DAY
- FOURTH OF JULY
- LABOR DAY
- THANKSGIVING

EVENTS

- DELAWARE CO., BICENTENNIAL CELEBRATION (MAY 17 & 18, 2003)
- MEMORIAL DAY PARADE (MAY 26, 2003)
- DOWNTOWN CRUISE-IN (JULY 26, 2003)
- CITY OF DELAWARE TRIATHLON (AUGUST 2, 2003)
- CITY OF DELAWARE BIKE RACE (AUGUST 8, 2003)
- DELAWARE COUNTY FAIR (SEPTEMBER 16, 2003 THROUGH SEPTEMBER 24, 2003)
- ALL HORSE PARADE (SEPTEMBER 7, 2003)

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD.

DAY OF THE WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 12:00N MONDAY
MONDAY	12:00N FRIDAY THROUGH 12:00N TUESDAY
TUESDAY	12:00N MONDAY THROUGH 12:00N WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 12:00N THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 12:00N MONDAY
FRIDAY	12:00N THURSDAY THROUGH 12:00N MONDAY
SATURDAY	12:00N FRIDAY THROUGH 12:00N MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA WIDE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES IN ACCORDANCE WITH 108.07.

PARKING RESTRICTIONS:

THE CITY OF DELAWARE DEPARTMENT OF ENGINEERING (DOUGLAS WRIGHT) AT 740-368-1633 SHALL BE NOTIFIED TWO (5) DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, WHICH WILL AFFECT THE PARKING OF VEHICLES ON WILLIAM STREET, CENTRAL AVENUE AND LAKE STREET. NO PARKING SIGNS SHALL BE INSTALLED *AS DIRECTED BY THE ENGINEER* BY THE CONTRACTOR 72 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES IN THE AFFECTED AREAS. THE DATE OF INSTALLATION, AND THE DATES / HOURS THAT THE WORK WILL BE PERFORMED SHALL BE LISTED ON EACH SIGN. THE COST OF THIS ITEM OF WORK SHALL INCLUDE ALL SERVICES, MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS, INCLUDING THE REMOVAL, NECESSARY TO COMPLETE THIS ITEM AND WILL BE PAID FOR AT THE CONTRACT LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC:

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC:
= 20 CU.YD.

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ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR:

IN ADDITION TO THE REQUIREMENTS OF 614 AND THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), A UNIFORMED LAW ENFORCEMENT OFFICER (AND OFFICIAL PATROL CAR WITH WORKING TOP MOUNTED EMERGENCY FLASHING LIGHTS) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS:

FOR LANE CLOSURES:

DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED.

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

TO CONTROL TRAFFIC FLOW THROUGH ANY SIGNALIZED INTERSECTION WITHIN AN ACTIVE WORK ZONE WITH A LANE RESTRICTION THAT WILL AFFECT THE NORMAL FLOW OF TRAFFIC THROUGH AN INTERSECTION.

LAW ENFORCEMENT OFFICERS (L.E.O.'S) SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED. THE LEO'S ARE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH THEY ARE EMPLOYED BY THE CONTRACTOR, THE PROJECT ENGINEER SHALL HAVE CONTROL OVER THEIR PLACEMENT. THE OFFICIAL PATROL CAR SHALL BE A PUBLIC SAFETY VEHICLE AS REQUIRED BY THE OHIO REVISED CODE. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THESE SERVICES WITH:

THE CONTRACTOR SHALL ARRANGE FOR THESE SERVICES WITH THE CITY OF DELAWARE POLICE DEPARTMENT.

CONNIE ORMEROID
1-740-368-1600

LAW ENFORCEMENT OFFICERS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR). THE HOURS PAID SHALL INCLUDE MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

IF CONTRACTORS WISH TO UTILIZE LEO'S FOR FLAGGING AND TRAFFIC CONTROL OTHER THAN FOR THAT REQUIRED IN THESE PLANS, THEY MAY DO SO AT THEIR OWN EXPENSE. PAYMENT FOR THE EXCESS ABOVE THE CONTRACT REQUIREMENTS WILL BE INCLUDED UNDER ITEM 614 - MAINTAINING TRAFFIC.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR
= 280 HOURS

ITEM 614 - WORK ZONE MARKING SIGN:

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE MARKING SIGNS PER THE REQUIREMENTS 614.04 AND 614.11. THESE SIGNS SHALL BE PLACED TO REFLECT THE EXISTING PASSING AND NO PASSING ZONES. THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED AND THE TOTALS HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

- US - 36
- R-33-30 DO NOT PASS = 8 EACH
- R-34-30 PASS WITH CARE = 8 EACH
- US - 42
- R-33-30 DO NOT PASS = 5 EACH
- R-34-30 PASS WITH CARE = 5 EACH
- SR - 37
- R-33-30 DO NOT PASS = 10 EACH
- R-34-30 PASS WITH CARE = 10 EACH

ITEM 614 - WORK ZONE MARKING SIGN = 46 EACH

WORK ZONE MARKINGS:

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS PER THE REQUIREMENTS 614.04 AND 614.11. THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED AND THE TOTALS HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614 - WORK ZONE CENTER LINE CLASS 1:

- US - 36 (1.84 X 2 APPLICATIONS) = 3.69 MI
- US - 42 (1.00 X 2 APPLICATIONS) = 2.01 MI
- SR - 37 (3.67 X 2 APPLICATIONS) = 7.33 MI
- ITEM 614 - WORK ZONE CENTER LINE, CLASS 1 = 13.03 MI

ITEM 614 - WORK ZONE LANE LINE CLASS 1:

- SR - 37 (0.30 X 2 APPLICATIONS) = 0.60 MI
- ITEM 614 - WORK ZONE LANE LINE CLASS 1: = 0.60 MI

ITEM 614 - WORK ZONE CHANNELIZING LINE CLASS 1:

- US - 36 (295 X 2 APPLICATIONS) = 590 FT
- US - 42 (65 X 2 APPLICATIONS) = 130 FT
- SR - 37 (2,242 X 2 APPLICATIONS) = 4,484 FT
- ITEM 614 - WORK ZONE CHANNELIZING LINE CLASS 1: = 5,204 FT

ITEM 614 - WORK ZONE STOP LINE CLASS 1:

- US - 36 (104 X 2 APPLICATIONS) = 208 FT
- US - 42 (62 X 2 APPLICATIONS) = 124 FT
- SR - 37 (552 X 2 APPLICATIONS) = 1,104 FT
- ITEM 614 - WORK ZONE STOP LINE CLASS 1: = 1,436 FT

ITEM 614 - WORK ZONE LANE ARROW CLASS 1:

- US - 36 (2 X 2 APPLICATIONS) = 4 EACH
- US - 42 (1 X 2 APPLICATIONS) = 2 EACH
- SR - 37 (41 X 2 APPLICATIONS) = 82 EACH
- ITEM 614 - WORK ZONE LANE ARROW CLASS 1: = 88 EACH

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MAINTENANCE OF TRAFFIC NOTES

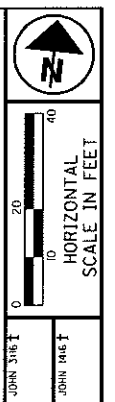
DEL -36 -8.00

SHEET NUMBER							PARTICIPATION		ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
6 / 7	8 / 9	11 / 30	31 / 42	43 / 63	64 / 82	80% STATE 20% LOCAL	100% LOCAL							
												ROADWAY		
100							100		202	54100	100	EACH	RAISED PAVEMENT MARKER REMOVED FOR STORAGE	
5							5		604	09000	5	EACH	CATCH BASIN ADJUSTED TO GRADE	
5							5		604	34500	5	EACH	MANHOLE ADJUSTED TO GRADE	
5							5		638	10800	5	EACH	VALVE BOX ADJUSTED TO GRADE	
													PAVEMENT	
		24,284	21,272	39,188	28,674		113,418		254	01000	113,418	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE	
		2,451	1,594	2,941	2,148		9,134		407	10000	9,134	GALLON	TACK COAT	
20		1,072	886	1,633	340		3,951		448	47020	3,951	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE I, PG64-22	
		539			853		1,392		448	50000	1,392	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE IH	
		80		92			172		617	10100	172	CU YD	COMPACTED AGGREGATE, TYPE A	
1							1		617	25000	1	M GAL	WATER	
													TRAFFIC CONTROL	
		2.05		1.65			3.70		644	00100	3.70	MILE	EDGE LINE	
					0.30		0.30		644	00200	0.30	MILE	LANE LINE	
		1.84	1.00	2.24	1.44		6.51		644	00300	6.51	MILE	CENTER LINE	
		295	65	1,340	902		2,602		644	00400	2,602	FT	CHANNELIZING LINE	
		104	62	180	372		718		644	00500	718	FT	STOP LINE	
		120		405	721		1246		644	00600	1,246	FT	CROSSWALK LINE	
		681		1,110	331		2,122		644	00700	2,122	FT	TRANSVERSE LINE	
					2		2		644	01000	2	EACH	RAILROAD SYMBOL MARKING	
		2		2	3		7		644	01100	7	EACH	SCHOOL SYMBOL MARKING, 72"	
		2	1	22	19		44		644	01300	44	EACH	LANE ARROW	
		2		3	2		7		644	01400	7	EACH	WORD ON PAVEMENT, 72"	
					180		180		644	01500	180	FT	DOTTED LINE, 4"	
													TRAFFIC SIGNALS	
20							20		632	26500	20	EACH	DETECTOR LOOP	
20							20		632	27200	20	EACH	LOOP DETECTOR TIE IN	
													MAINTENANCE OF TRAFFIC	
	280						280		614	11100	280	HOURL	LAW ENFORCEMENT OFFICER WITH PATROL CAR	
	46						46		614	12460	46	EACH	WORK ZONE MARKING SIGN	
	20						20		614	13000	20	CU YD	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
	0.60						0.60		614	20000	0.60	MILE	WORK ZONE LANE LINE, CLASS I	
	13.03						13.03		614	21000	13.03	MILE	WORK ZONE CENTER LINE, CLASS I	
	5,204						5,204		614	23000	5,204	FT	WORK ZONE CHANNELIZING LINE, CLASS I	
	1,436						1,436		614	26000	1,436	FT	WORK ZONE STOP LINE, CLASS I	
	88						88		614	30000	88	EACH	WORK ZONE LANE ARROW, CLASS I	
									SPECIAL	10000300	LUMP		PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE	
									614	11000	LUMP		MAINTAINING TRAFFIC	
							LUMP		623	10001	LUMP		CONSTRUCTION LAYOUT STAKES, AS PER PLAN	6
									624	10000	LUMP		MOBILIZATION	
							3		619	16000	3	MONTH	FIELD OFFICE, TYPE A	

GENERAL SUMMARY

DEL -36 -8.00

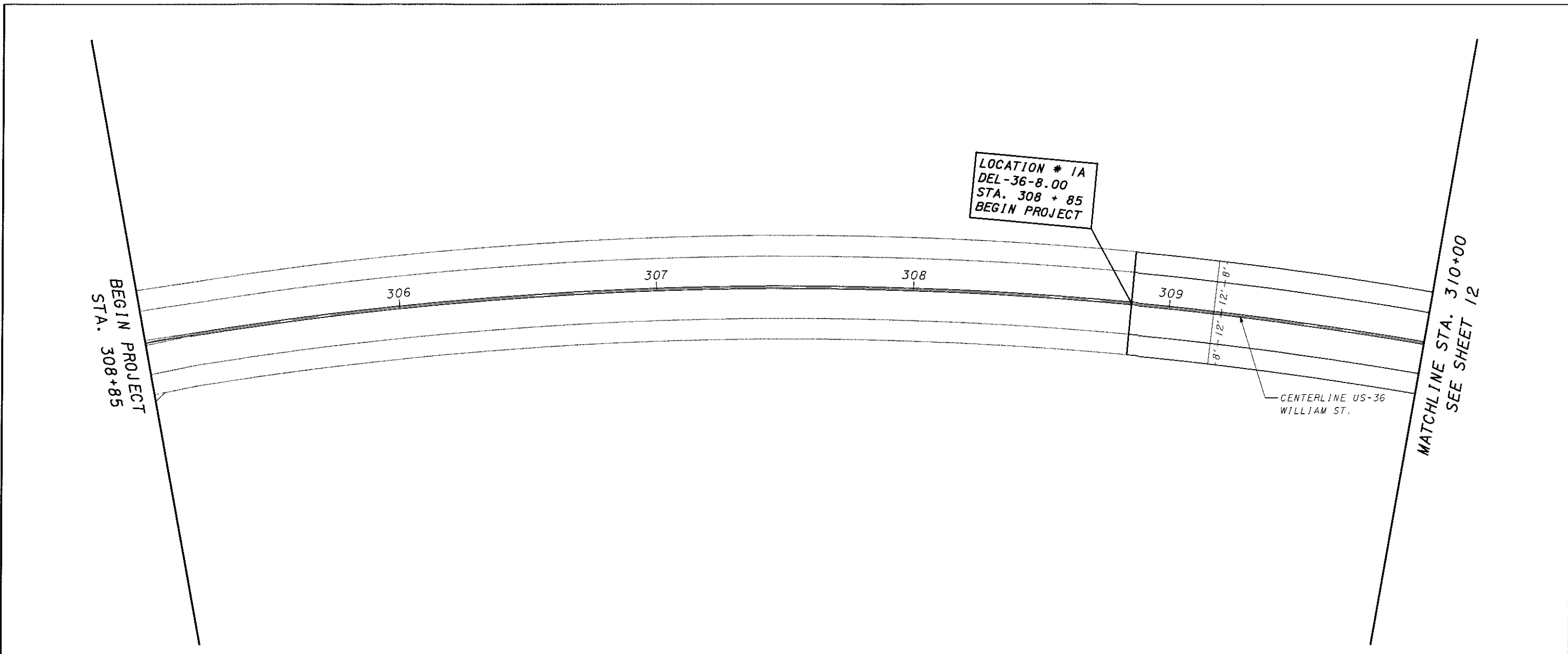
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PLAN VIEW DEL-36 (WILLIAM ST.)
 STA. 308+85 TO STA. 310+00

DEL-36-8.00

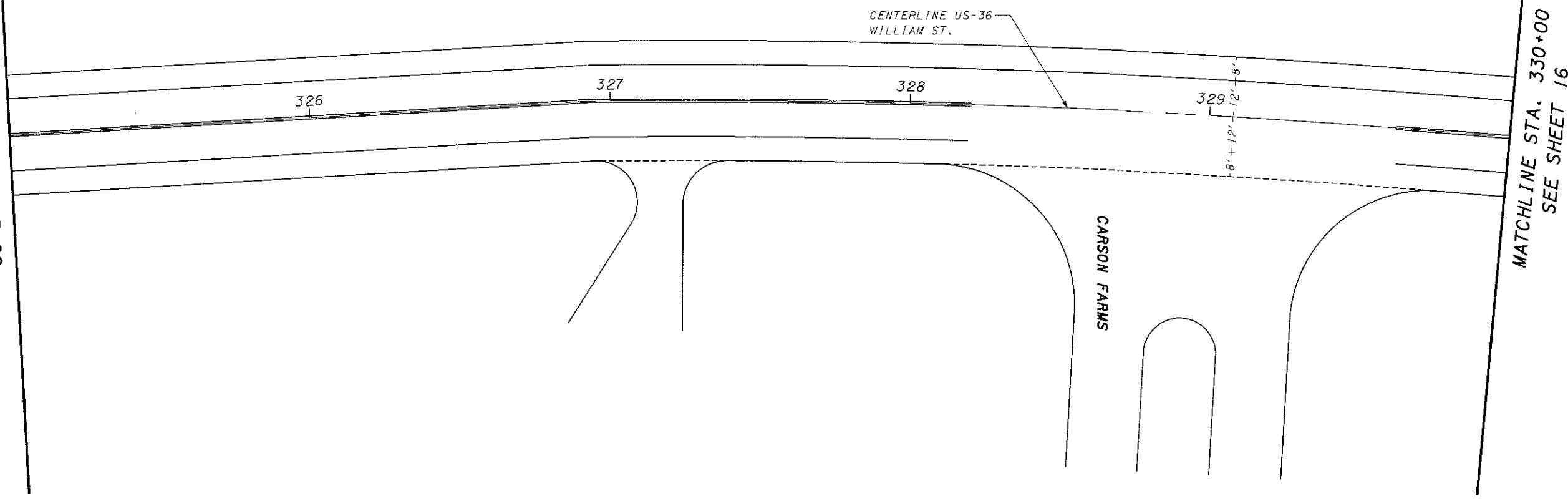
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LOCATION							QUANTITIES							REMARKS					
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644							
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE I PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE							
I	DEL	36	308+85	310+00	2	40'	333	38	21	2									PROVIDE BUTT JOINT (BP-3.1)
I	DEL	36	308+85	310+00							0.022								EQ. SOLID LINE MILE = 0.043
I	DEL	36	308+85	310+00								0.044							EQ. SOLID LINE MILE = 0.043
TOTALS CARRIED TO GEN. SUMMARY							333	38	21	2	0.022	0.044							

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MATCHLINE STA. 325+00
 SEE SHEET 14



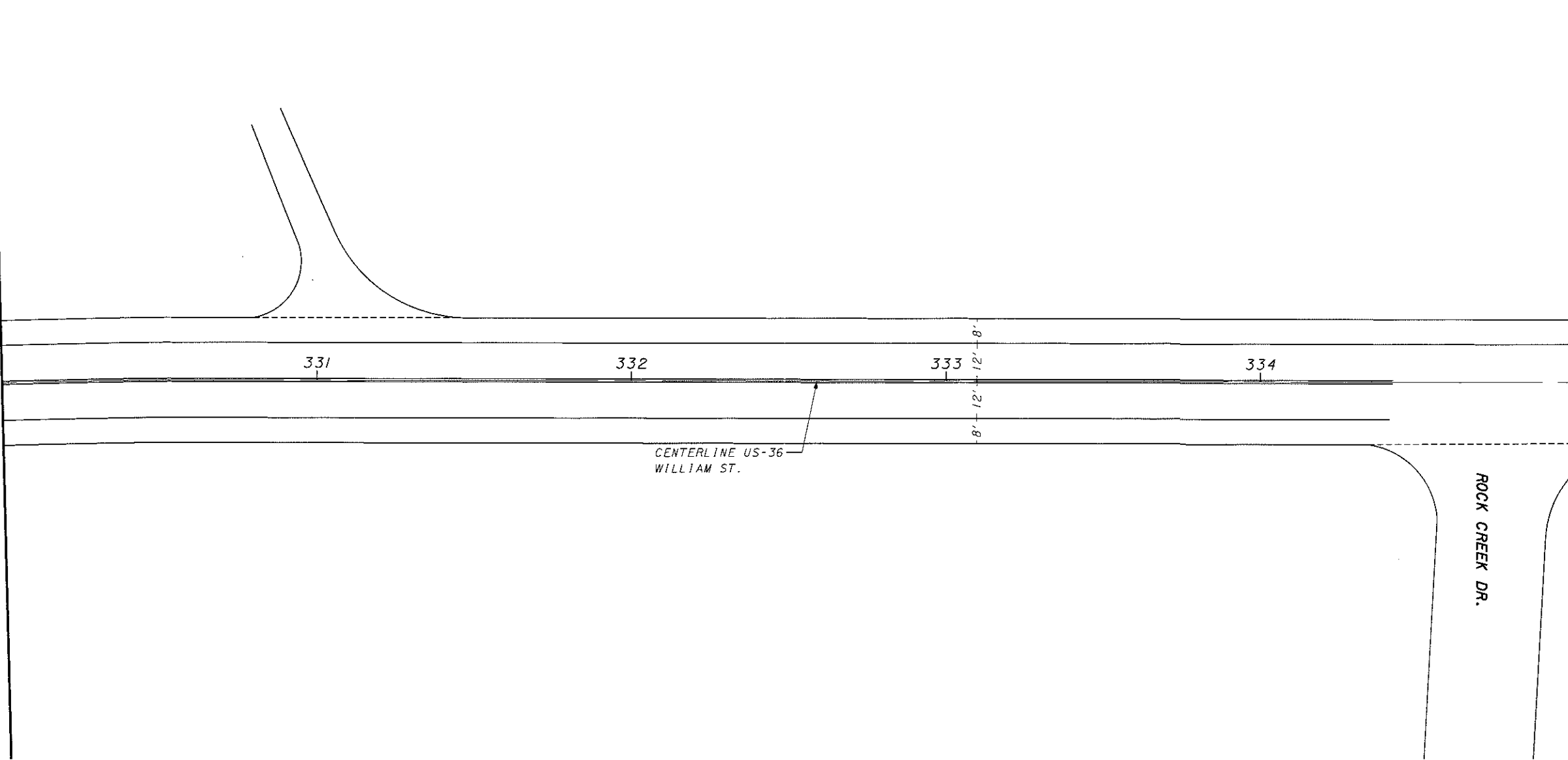
PLAN VIEW DEL-36 (WILLIAM ST.)
 STA. 325+00 TO STA. 330+00

DEL-36 - 8.00

LOCATION							QUANTITIES										REMARKS	
L	C	R	S	S	T	PAVEMENT WIDTH	407	448	617	644	644							
O	O	O	T	T	Y		TACK	ASPHALT	COMPACT	CENTER	EDGE							
C	U	T	A	A	P		COAT	SURFACE	AGG.	LINE	LINE							
A	N	E	T	T	I	0.075	TYPE I	TYPE A										
T	T		I	I	C	GAL.	PG64-22	2"DEPTH										
J	Y		O	O	A		1.5"DEPTH											
O			N	N	L													
N							SQ YD	CU YD	CU YD	MILE	MILE							
1	DEL	36	325+00	330+00	2	40'	167	93	12									
1	DEL	36	325+00	330+00						0.095								EQ. SOLID LINE MILE = 0.189
1	DEL	36	325+00	330+00							0.189							EQ. SOLID LINE MILE = 0.189
1	DEL	36	VARIABLE			3'		1										DRIVEWAY TAPERS
1	DEL	36	VARIABLE			5'		1										INTERSECTION TAPERS
TOTALS CARRIED TO GEN. SUMMARY							167	95	12	0.095	0.189							



MATCHLINE STA. 330+00
SEE SHEET 15



MATCHLINE STA. 335+00
SEE SHEET 17

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LOCATION

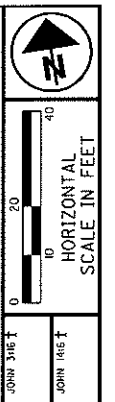
QUANTITIES

REMARKS

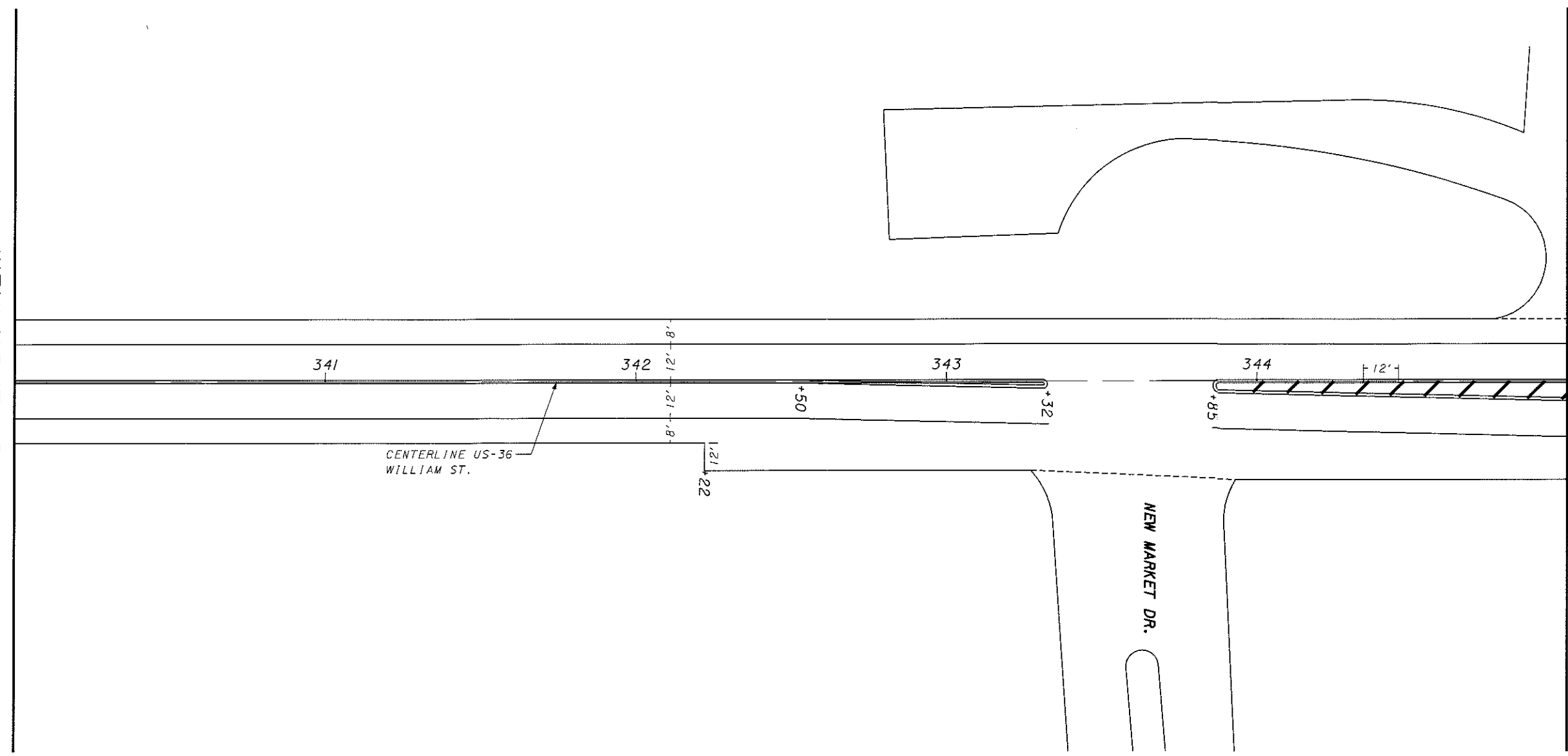
L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	407	448	617	644	644							R E M A R K S
							TACK COAT 0.075 GAL.	ASPHALT SURFACE COURSE TYPE I PG64-22 1.5"DEPTH	COMPACT AGG. TYPE A 2"DEPTH	CENTER LINE	EDGE LINE							
							SQ YD	CU YD	CU YD	MILE	MILE							
1	DEL	36	330+00	335+00	2	40'	167	93	12									
1	DEL	36	330+00	335+00						0.095								EQ. SOLID LINE MILE = 0.189
1	DEL	36	330+00	335+00							0.189							EQ. SOLID LINE MILE = 0.189
1	DEL	36	VARIABLE			3'		1										DRIVEWAY TAPERS
1	DEL	36	VARIABLE			5'		1										INTERSECTION TAPERS
TOTALS CARRIED TO GEN. SUMMARY						48	167	95	12	0.095	0.189							

PLAN VIEW DEL-36 (WILLIAM ST.)
STA. 330+00 TO STA. 335+00

DEL-36-8.00



MATCHLINE STA. 340+00
SEE SHEET 17



MATCHLINE STA. 345+00
SEE SHEET 19

LOCATION

QUANTITIES

REMARKS

L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	254	407	448	617	644	644	644					
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE I PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	TRANS- VERSE LINE FT					
I	DEL	36	340+00	342+22	2	40'	333	74	41	6							PROVIDE TAPER (BP-3.1)	
I	DEL	36	342+22	345+00	2	52'	1606	120	67									
I	DEL	36	340+00	345+00							0.142						EQ. SOLID LINE MILE = 0.243	
I	DEL	36	340+00	345+00								0.189					EQ. SOLID LINE MILE = 0.179	
I	DEL	36	342+50	345+00									65				YELLOW	
TOTALS CARRIED TO GEN. SUMMARY							1939	194	108	6	0.142	0.189	65					

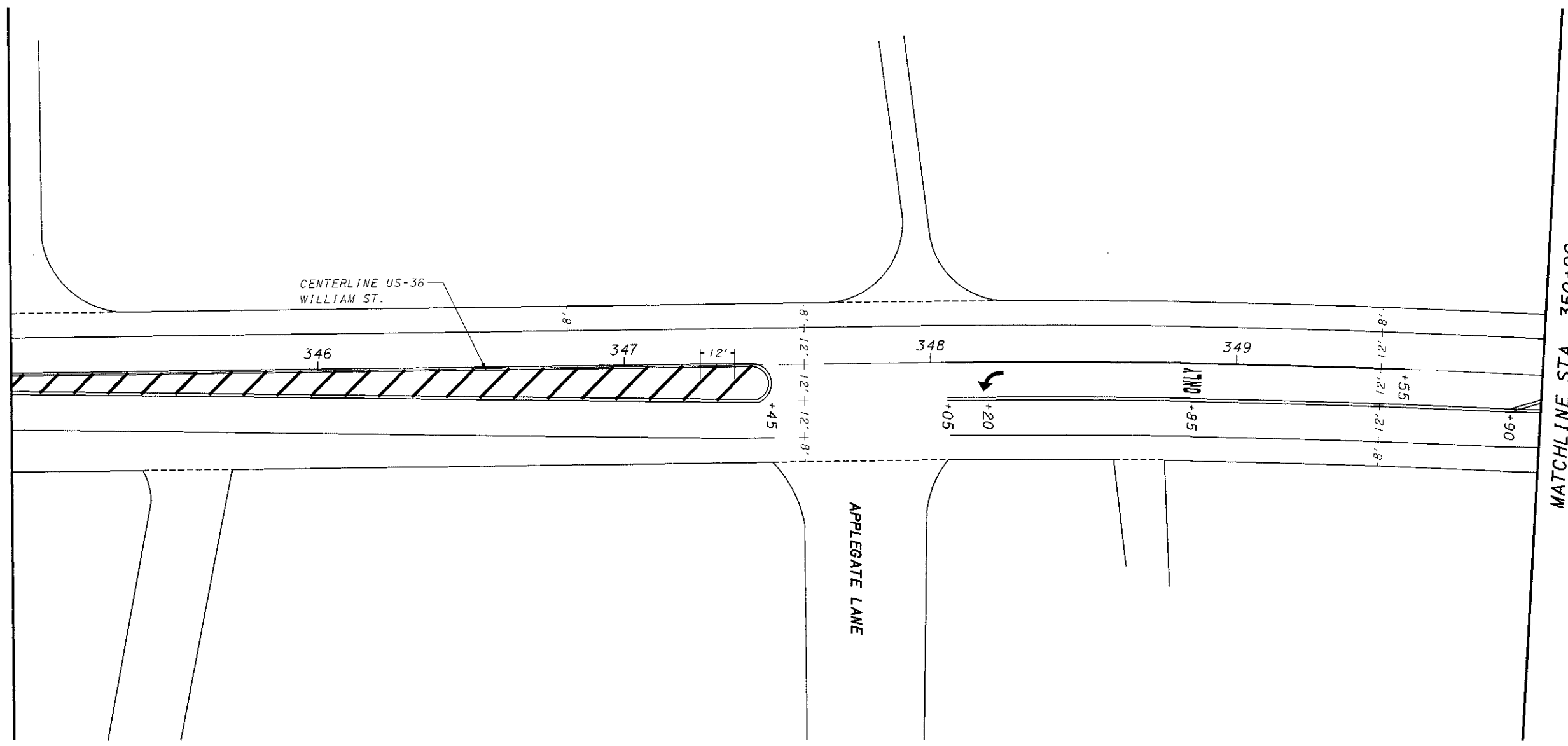
PLAN VIEW DEL-36 (WILLIAM ST.)
STA. 340+00 TO STA. 345+00

DEL-36-8.00

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MATCHLINE STA. 345+00
SEE SHEET 18



MATCHLINE STA. 350+00
SEE SHEET 20

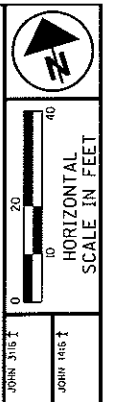
LOCATION						QUANTITIES										REMARKS
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L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644	644	644	644	REMARKS
							PAVEMENT PLANING ASPHALT	TACK COAT 0.075 GAL.	ASPHALT SURFACE COURSE TYPE I PG64-22 1.5"DEPTH	CENTER LINE	EDGE LINE	TRANSVERSE LINE	LANE ARROW	WORD ON PAVEMENT 72"	CHANNELIZING LINE	
							SQ YD	SQ YD	CU YD	MILE	MILE	FT	EACH	EACH	FT	
1	DEL	36	345+00	350+00	2	52'	2889	217	120							
1	DEL	36	345+00	350+00						0.095						EQ. SOLID LINE MILE = 0.286
1	DEL	36	345+00	350+00							0.189					EQ. SOLID LINE MILE = 0.179
1	DEL	36	345+00	347+45								260				YELLOW
1	DEL	36	348+05	349+55									1			LEFT TURN
1	DEL	36	348+05	349+55										1	150	ONLY
TOTALS CARRIED TO GEN. SUMMARY							2889	217	120	0.095	0.189	260	1	1	150	

PLAN VIEW DEL-36 (WILLIAM ST.)
STA. 345+00 TO STA. 350+00

DEL-36-8.00

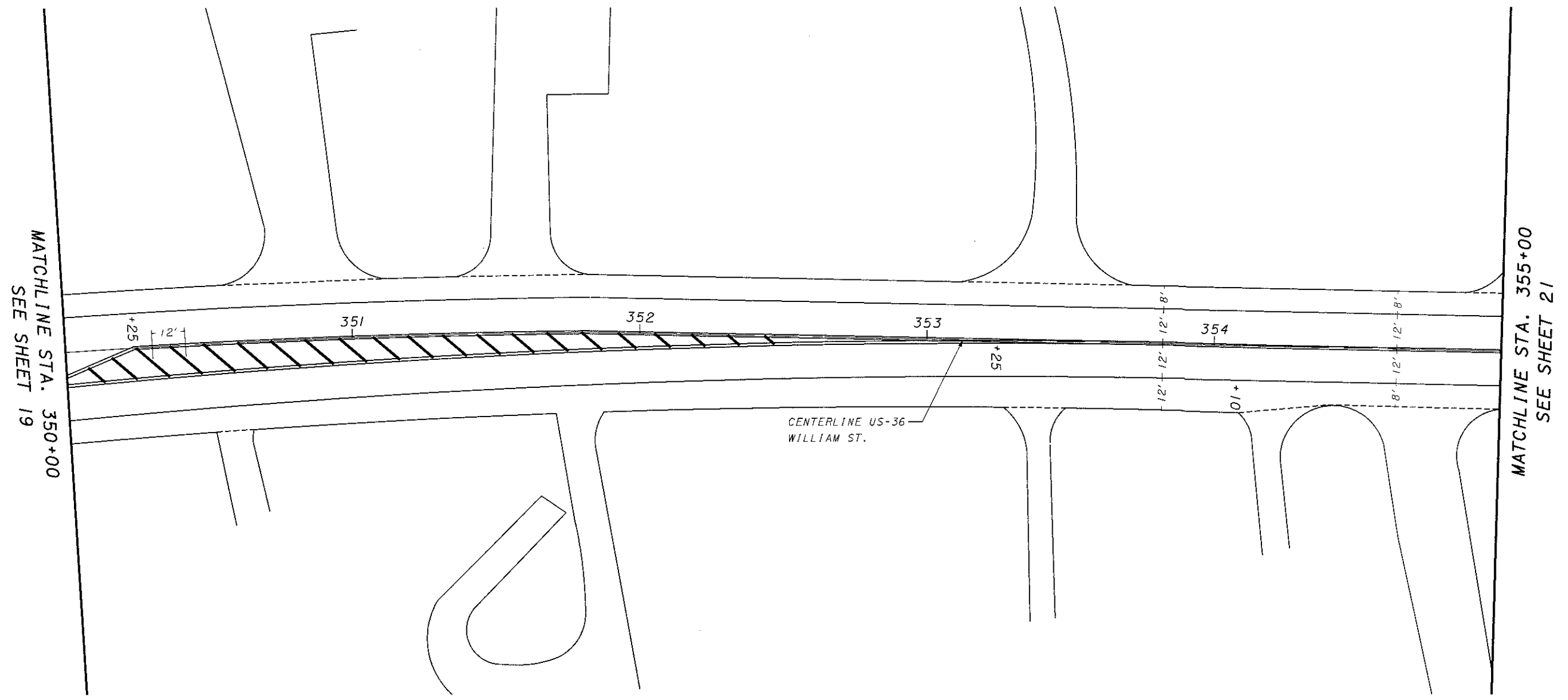
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PLAN VIEW DEL-36 (WILLIAM ST.)
 STA. 350+00 TO STA. 355+00

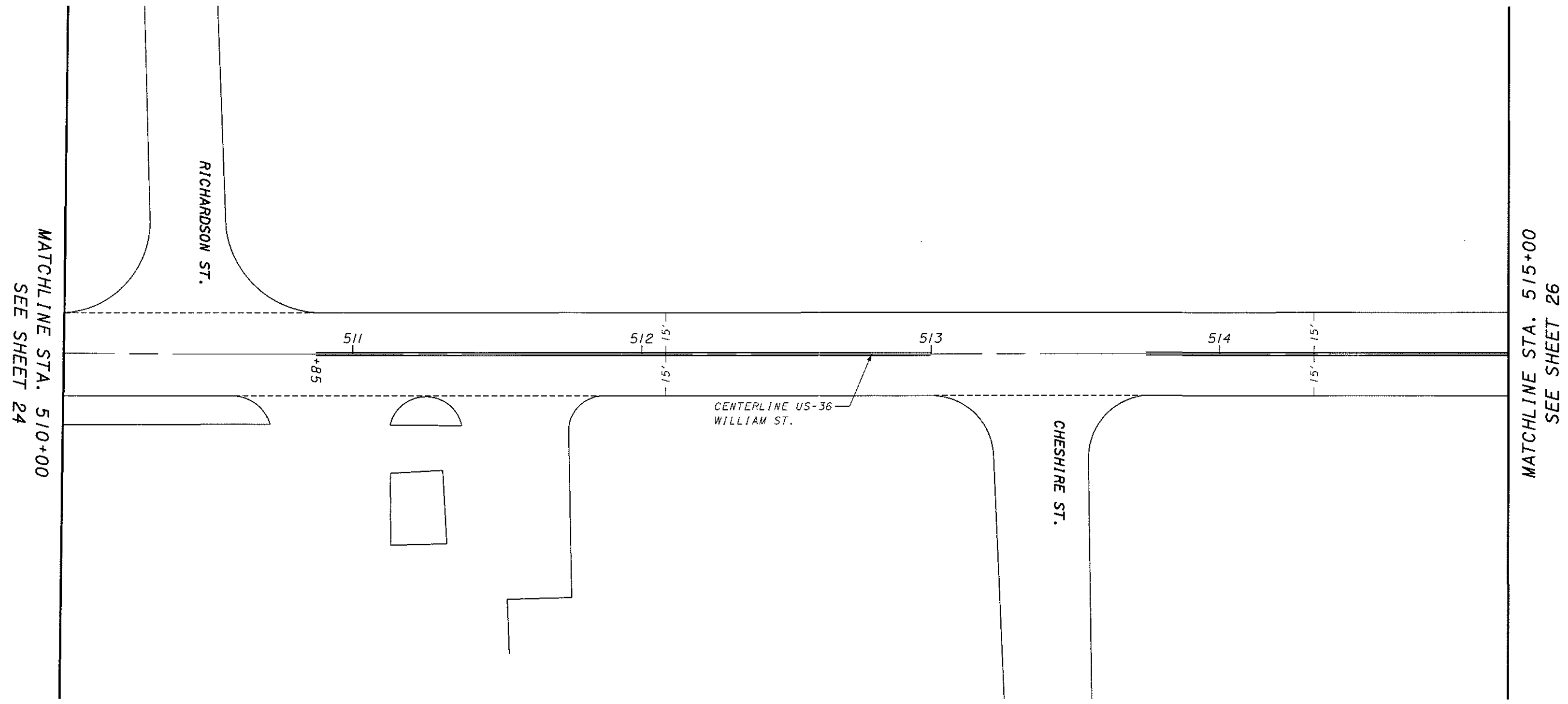
DEL-36 - 8.00

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LOCATION						QUANTITIES							REMARKS					
L	C	R	S	S	T	PAVEMENT	254	407	448	644	644	644						
CON	CU	UTE	STAT	STAT	TYPE	WIDTH	PAVEMENT PLANING ASPHALT 1.5"DEPTH	TACK COAT 0.075 GAL.	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH	CENTER LINE	EDGE LINE	TRANSVERSE LINE						
			NO	NO	AL	SQ YD	SQ YD	GAL.	CU YD	MILE	MILE	FT						
1	DEL	36	350+00	350+25	2	52'	144	11	6									
1	DEL	36	350+25	355+00	2	VARIES	2428	182	101									
1	DEL	36	350+00	355+00						0.156								EQ. SOLID LINE MILE = 0.312
1	DEL	36	350+00	355+00							0.189							EQ. SOLID LINE MILE = 0.189
1	DEL	36	350+00	353+25								220						YELLOW
TOTALS CARRIED TO GEN. SUMMARY							2572	193	107	0.156	0.189	220						

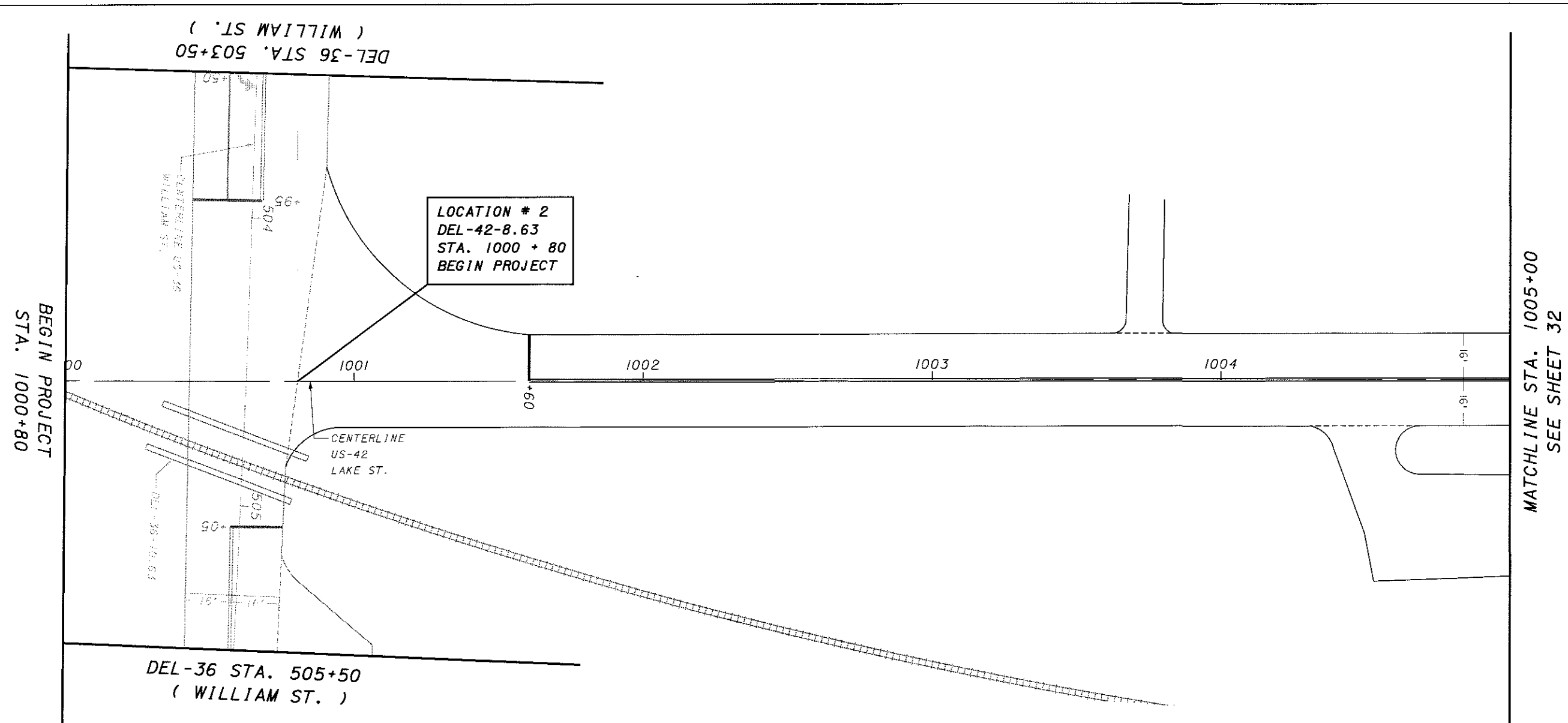
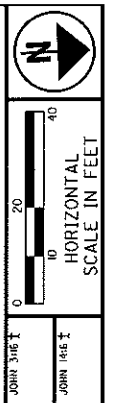
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LOCATION							QUANTITIES										REMARKS		
L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	254	407	448	644									
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1-H 1.5"DEPTH CU YD	CENTER LINE MILE									
1	DEL	36	510+00	515+00	3	30'	1667	125	69										
1	DEL	36	510+00	515+00						0.095								EQ. SOLID LINE MILE = 0.189	
TOTALS CARRIED TO GEN. SUMMARY							1667	125	69	0.095									

PLAN VIEW DEL-36 (WILLIAM ST.)
STA. 510+00 TO STA. 515+00

DEL-36-8.00



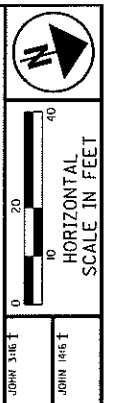
LOCATION							QUANTITIES										REMARKS
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L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644						
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	STOP LINE FT						
2	DEL	42	1000+80	1005+00	3	32'	1493	112	62								PROVIDE BUTT JOINT (BP-3.1)
2	DEL	42	1000+80	1005+00						0.080							EQ. SOLID LINE MILE = 0.159
2	DEL	42	1001+60								16						
TOTALS CARRIED TO GEN. SUMMARY							1493	112	62	0.080	16						

PLAN VIEW DEL-42 (LAKE ST.)
 STA. 1000+80 TO STA. 1005+00

DEL-36-8.00

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MATCHLINE STA. 1032+00
SEE SHEET 37

CENTERLINE US-42
LAKE ST.

1033

1034

1035

1036

1037

JOY ST.

MATCHLINE STA. 1037+00
SEE SHEET 39

LOCATION

QUANTITIES

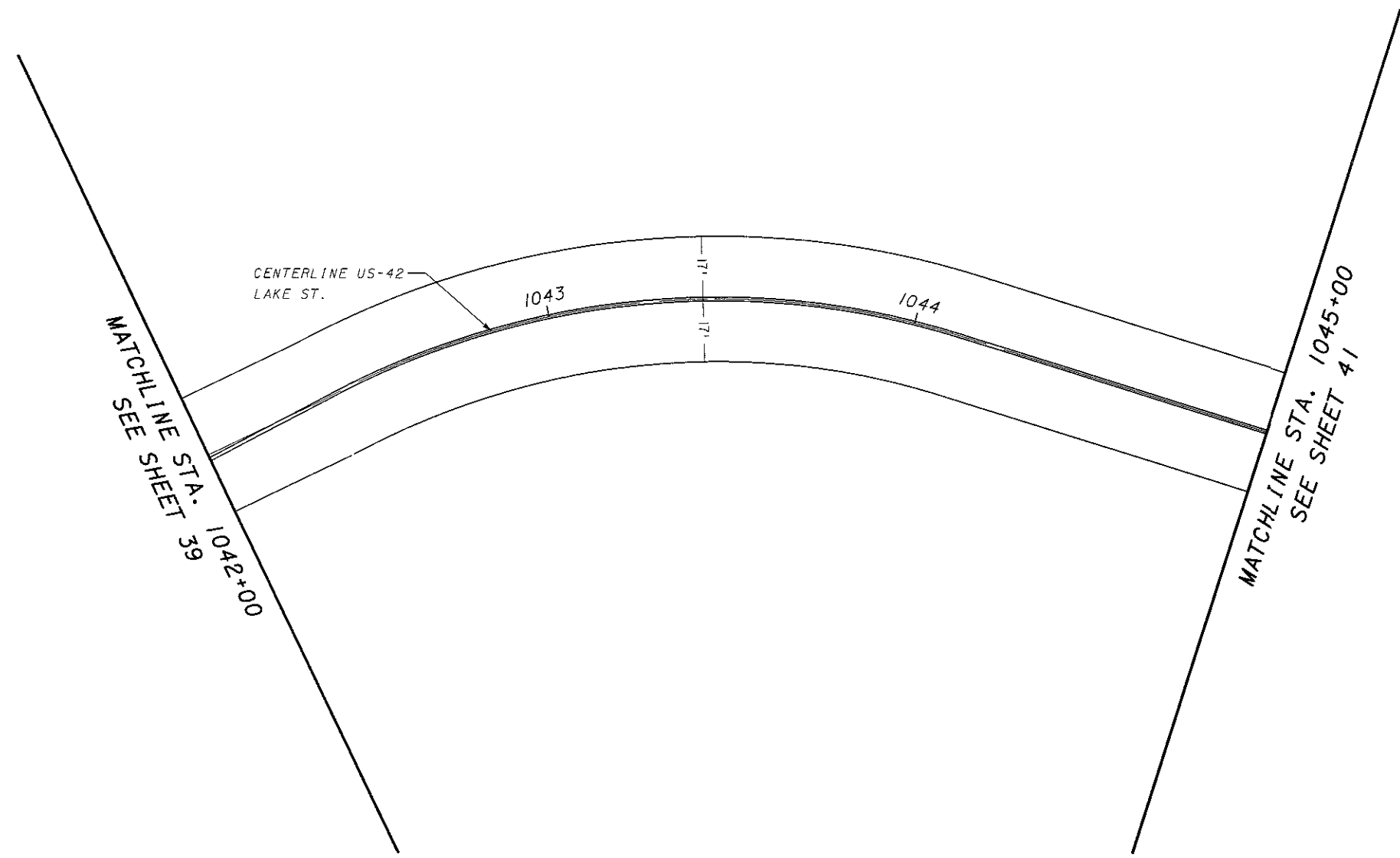
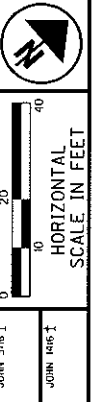
REMARKS

L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	254	407	448	644							R E M A R K S		
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL.	ASPHALT SURFACE COURSE TYPE I PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE									
2	DEL	42	1032+00	1037+00	3	38'	2111	158	88										
2	DEL	42	1032+00	1037+00						0.095								EQ. SOLID LINE MILE = 0.151	
TOTALS CARRIED TO GEN. SUMMARY							2111	158	88	0.095									

PLAN VIEW DEL-42 (LAKE ST.)
STA. 1032+00 TO STA. 1037+00

DEL-36-8.00

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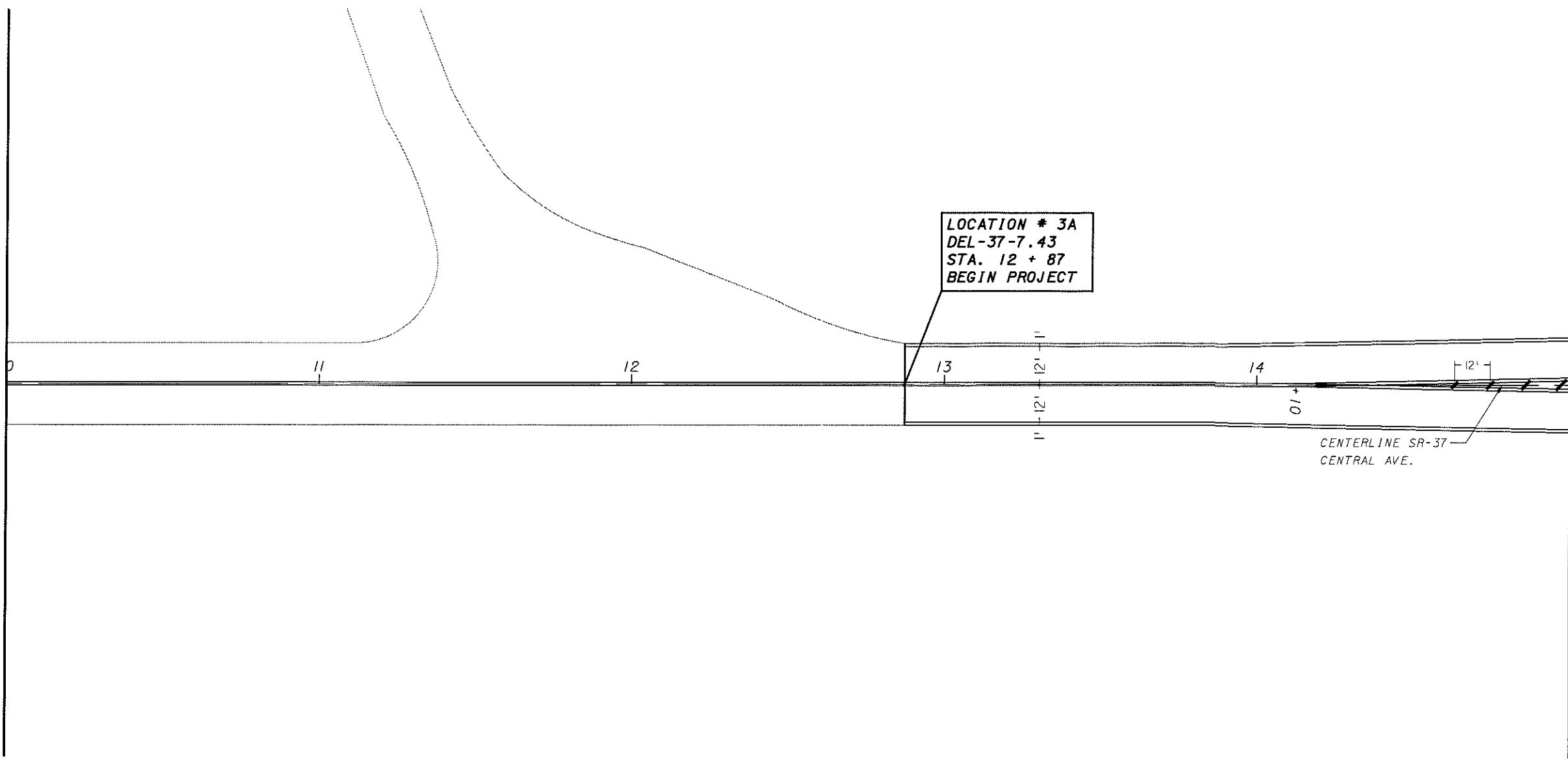
LOCATION							QUANTITIES										REMARKS						
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644													
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE													
2	DEL	42	1042+00	1045+00	2	34'	1133	85	47														
2	DEL	42	1042+00	1045+00						0.057													EQ. SOLID LINE MILE = 0.113
TOTALS CARRIED TO GEN. SUMMARY							1133	85	47	0.057													

PLAN VIEW DEL-42 (LAKE ST.) STA. 1042+00 TO STA. 1045+00

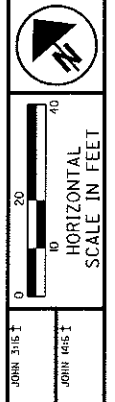
DEL-36-8.00

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BEGIN PROJECT
STA. 12+87



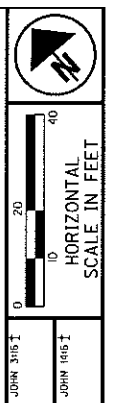
MATCHLINE STA. 15+00
SEE SHEET 44



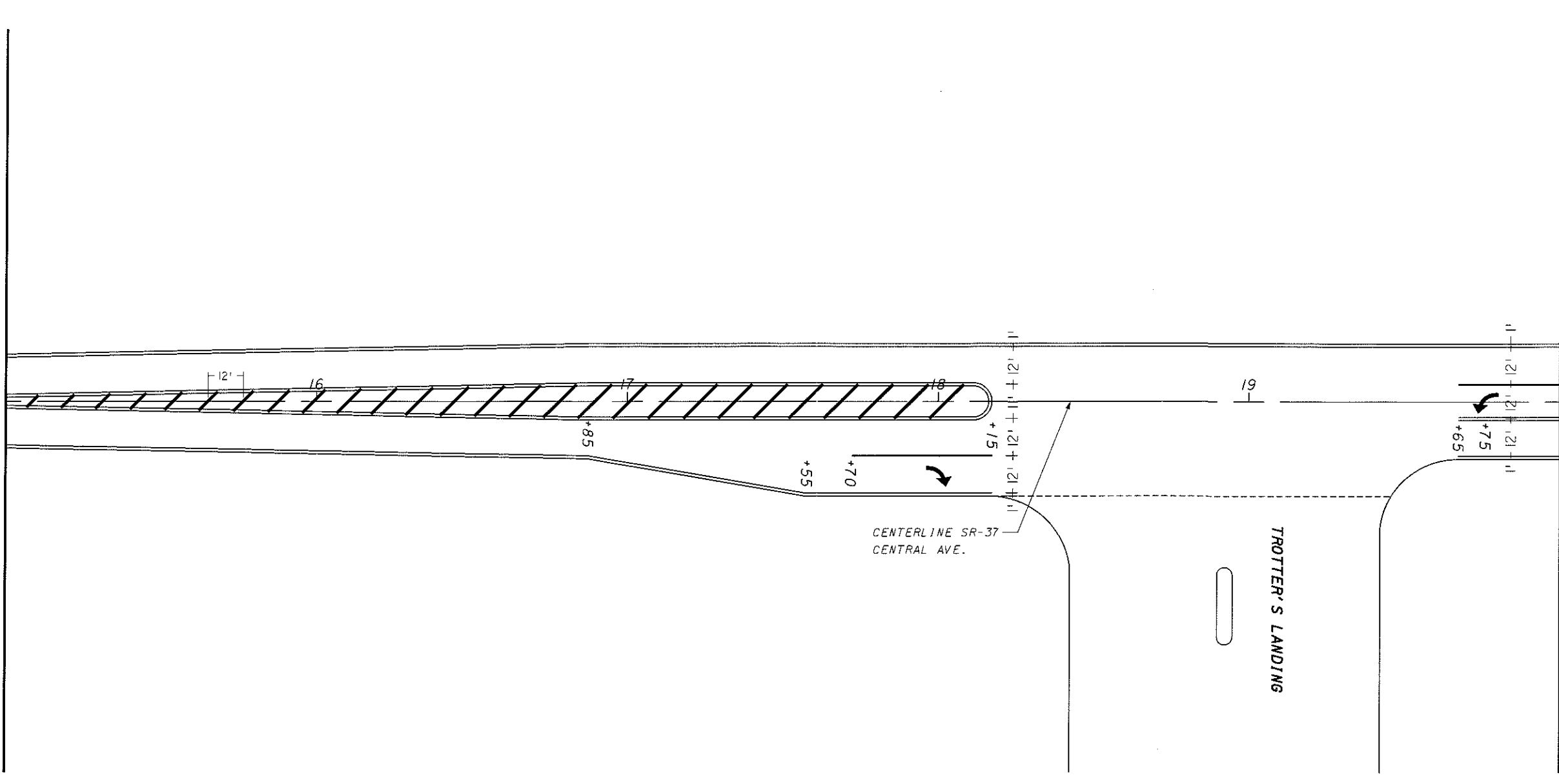
PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 12+87 TO STA. 15+00

LOCATION							QUANTITIES										REMARKS		
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644	644						
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	TRANS- VERSE LINE FT						
3	DEL	37	12+87	14+10	6	26'	355	27	15	4									PROVIDE BUTT JOINT (BP-3.1)
3	DEL	37	14+10	15+00	4	VARIES	320	24	13	2									
3	DEL	37	12+87	15+00							0.057								EQ. SOLID LINE MILE = 0.115
3	DEL	37	14+10	15+00							0.034								EQ. SOLID LINE MILE = 0.080
3	DEL	37	14+10	15+00								15							YELLOW
TOTALS CARRIED TO GEN. SUMMARY							675	51	28	6	0.057	0.034	15						

DEL-36-8.00



MATCHLINE STA. 15+00
SEE SHEET 43



MATCHLINE STA. 20+00
SEE SHEET 45

CENTERLINE SR-37
CENTRAL AVE.

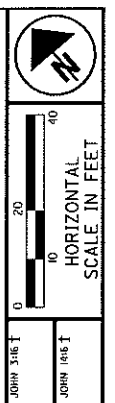
TROTTER'S LANDING

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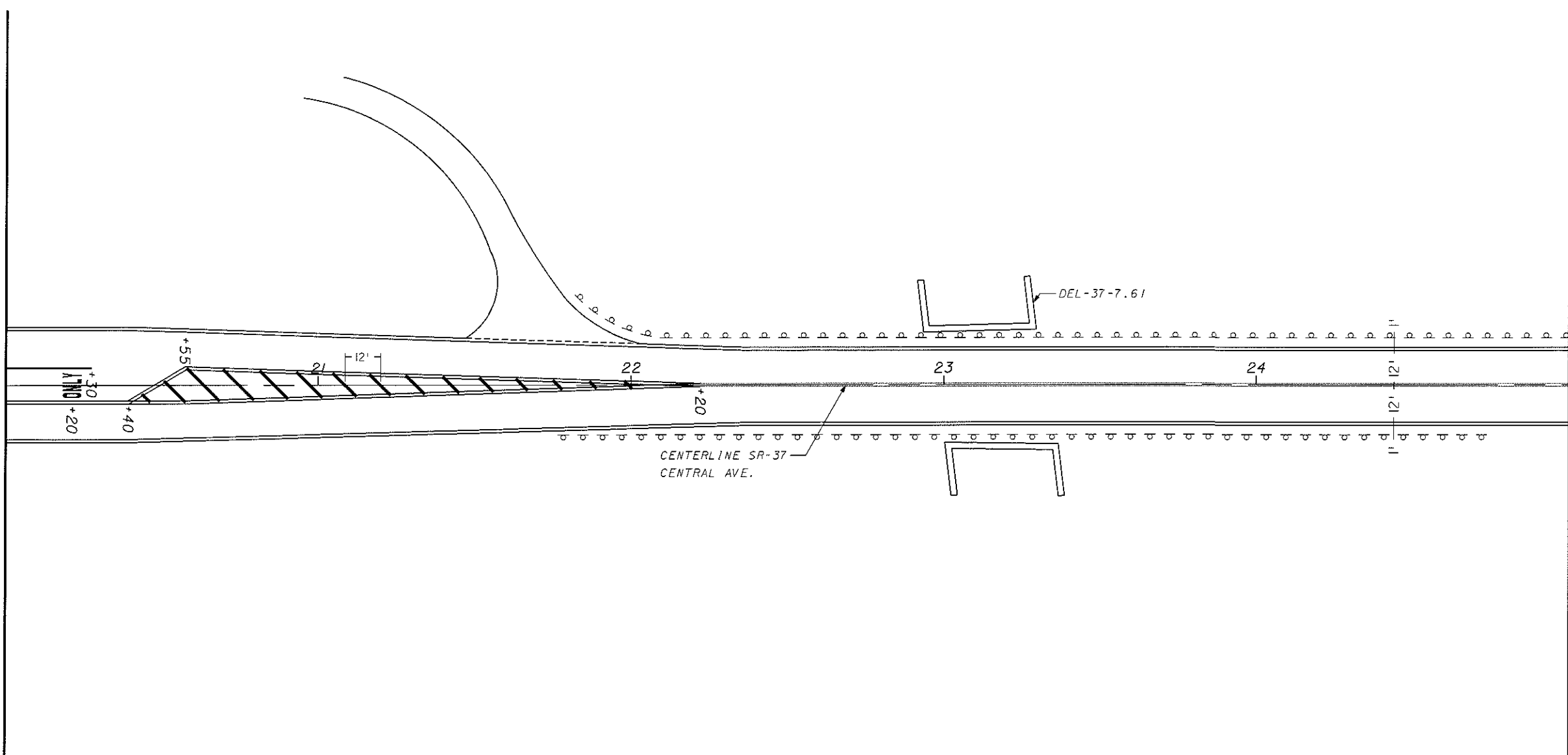
LOCATION							QUANTITIES										REMARKS	
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644	644	644	644			
CONTRACT NUMBER	STATION	STATION	START	END	TYPE		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	TRANSVERSE LINE FT	LANE ARROW EACH	CHANNELIZING LINE FT			
3	DEL	37	15+00	16+85	4	VARIES	637	48	27	2								PAVEMENT WIDTH TRANS.
3	DEL	37	16+85	17+55	4	VARIES	346	26	14	1								PAVEMENT WIDTH TRANS.
3	DEL	37	17+55	19+65	4	51	1190	89	50	3								EXTRA AREA (RIGHT TURN)
3	DEL	37	19+65	20+00	6	38'	148	11	6	1								CENTER LEFT TURN
3	DEL	37	15+00	20+00							0.154							EQ. SOLID LINE MILE = 0.309
3	DEL	37	15+00	20+00							0.095							EQ. SOLID LINE MILE = 0.095
3	DEL	37	15+00	18+15								332						YELLOW
3	DEL	37	17+70	18+15									1	45				RIGHT TURN
3	DEL	37	19+65	20+00									1	35				LEFT TURN
TOTALS CARRIED TO GEN. SUMMARY							2321	174	97	7	0.154	0.095	332	2	80			

PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 15+00 TO STA. 20+00

DEL-36-8.00



MATCHLINE STA. 20+00
SEE SHEET 44



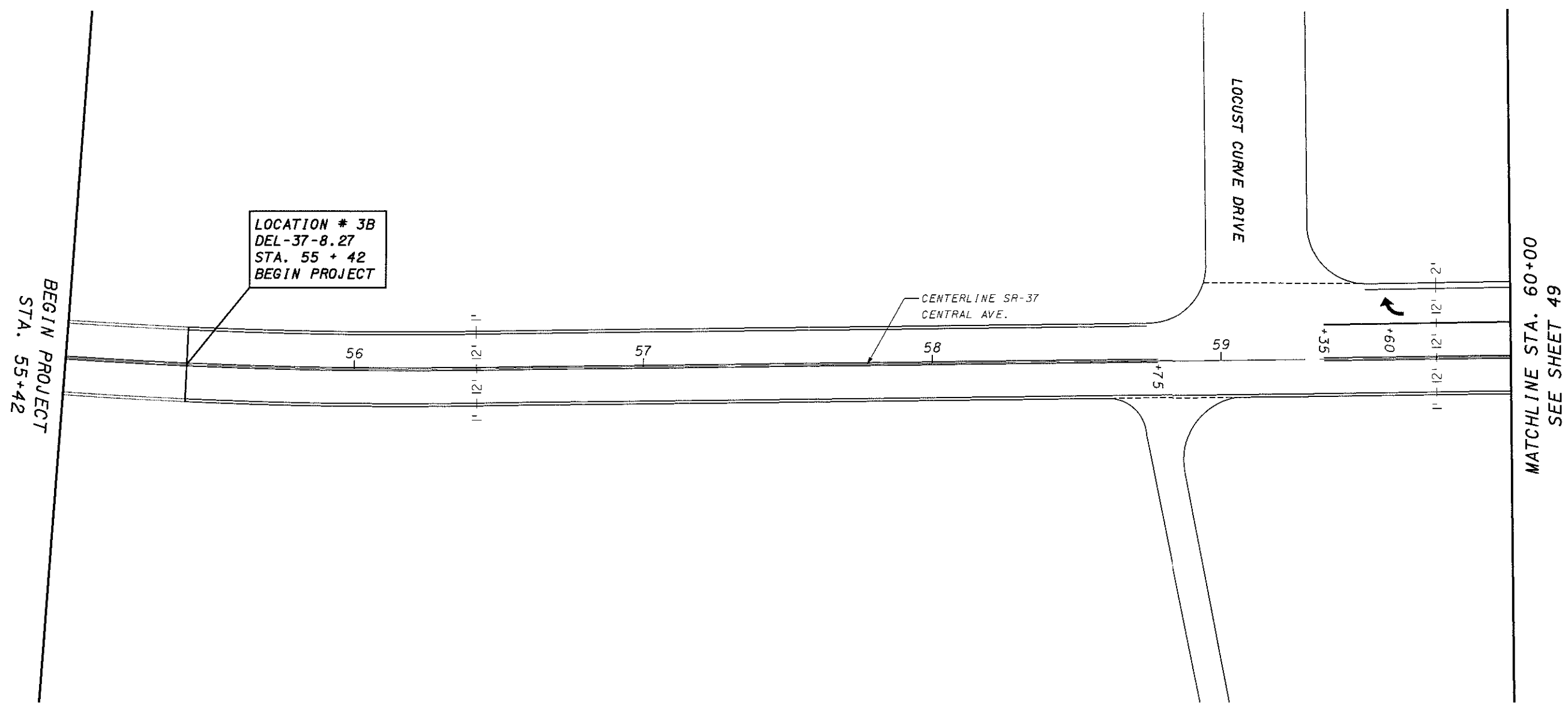
MATCHLINE STA. 25+00
SEE SHEET 46

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LOCATION						QUANTITIES										REMARKS		
L	C	R	S	S	T		254	407	448	617	644	644	644	644	644			
CO	CU	RU	ST	ST	TY	PAVEMENT	PAVEMENT	TACK	ASPHALT	COMPACT	CENTER	EDGE	TRANS-	WORD	CHANNEL-			
ATION	NTY	TE	ATION	ATION	PE	WIDTH	PLANING	COAT	SURFACE	AGG.	LINE	LINE	VERSE	ON	IZING			
							ASPHALT	0.075	COURSE	TYPE A			LINE	PAVEMENT	LINE			
						1.5"DEPTH	PG64-22	GAL.	TYPE 1	2"DEPTH	MILE	MILE	FT	EACH	FT			
						SQ YD	1.5"DEPTH		1.5"DEPTH	SQ YD								
3	DEL	37	20+00	20+55	6	38'	189	14	8	1								INTERSECTION AREA
3	DEL	37	20+55	22+20	6	VARIES	816	61	34	4								PAVEMENT WIDTH TRANS.
3	DEL	37	22+20	25+00	6	26'	809	61	34	6								
3	DEL	37	20+00	25+00							0.129							EQ. SOLID LINE MILE = 0.258
3	DEL	37	20+00	25+00								0.095						EQ. SOLID LINE MILE = 0.189
3	DEL	37	20+40	22+20									332					YELLOW
3	DEL	37	20+20											1				ONLY
3	DEL	37	20+00	20+30											30			
TOTALS CARRIED TO GEN. SUMMARY							1814	136	76	11	0.129	0.095	332	1	30			

PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 20+00 TO STA. 25+00

DEL-36 - 8.00



LOCATION

QUANTITIES

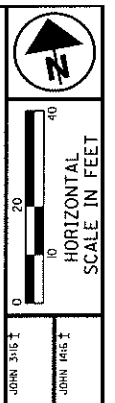
REMARKS

L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644	644	644	REMARKS
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	LANE ARROW EACH	CHANNEL-IZING LINE FT	
3	DEL	37	55+42	58+75	6	26'	962	72	40	4					
3	DEL	37	58+75	60+00	6	38'	528	40	22	2					EXTRA AREA (RIGHT TURN)
3	DEL	37	55+42	60+00							0.087				EQ. SOLID LINE MILE = 0.150
3	DEL	37	55+42	60+00								0.173			EQ. SOLID LINE MILE = 0.173
3	DEL	37	59+35	60+00									1	65	RIGHT TURN
TOTALS CARRIED TO GEN. SUMMARY							1490	112	62	6	0.087	0.173	1	65	

PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 55+42 TO STA. 60+00

DEL-36-8.00

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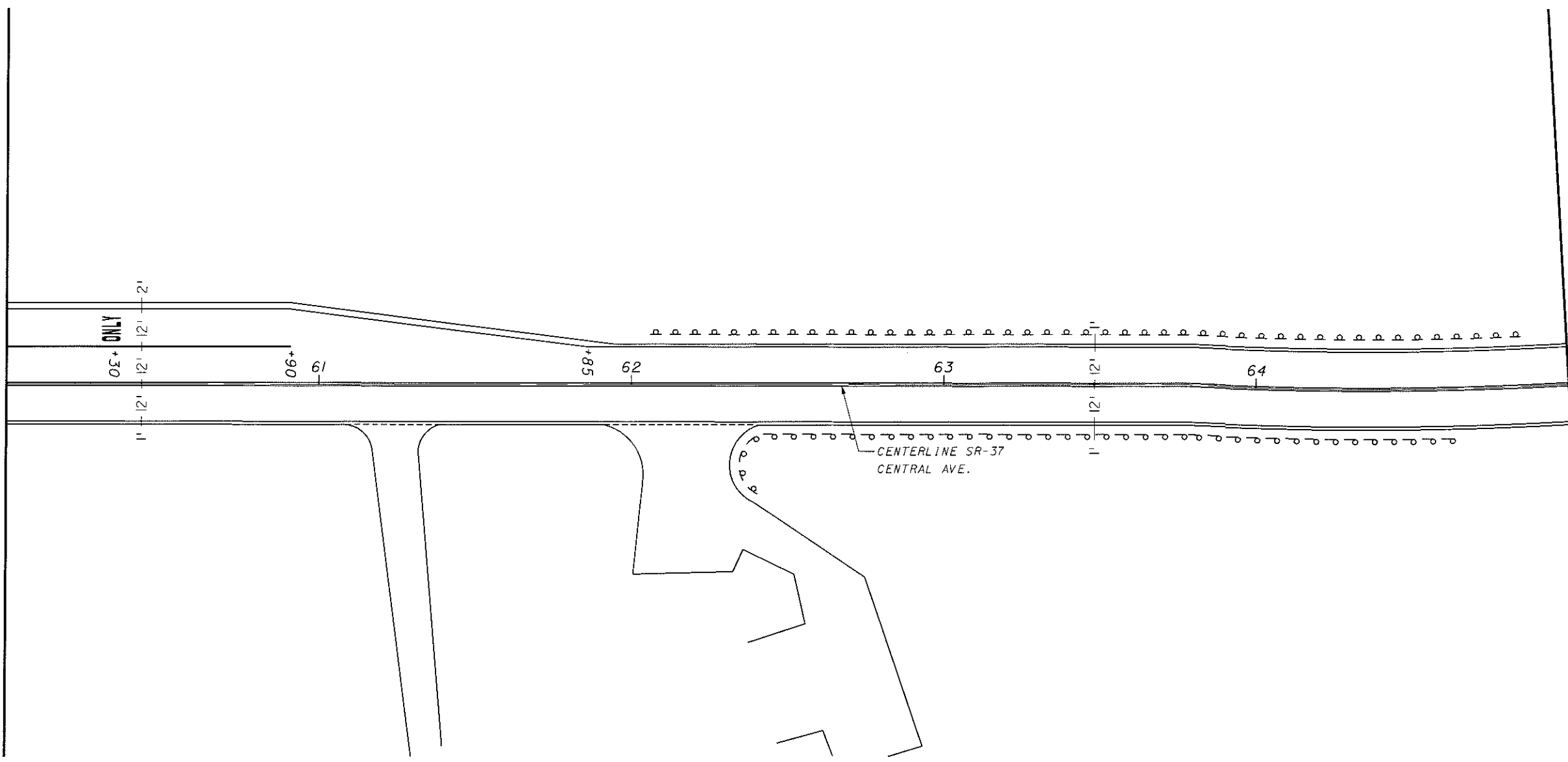


PLAN VIEW DEL-37 (CENTRAL AVE.)
 STA. 60+00 TO STA. 65+00

DEL-36 - 8.00

MATCHLINE STA. 60+00
 SEE SHEET 48

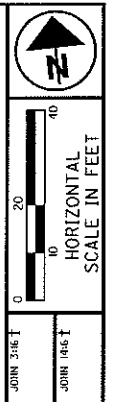
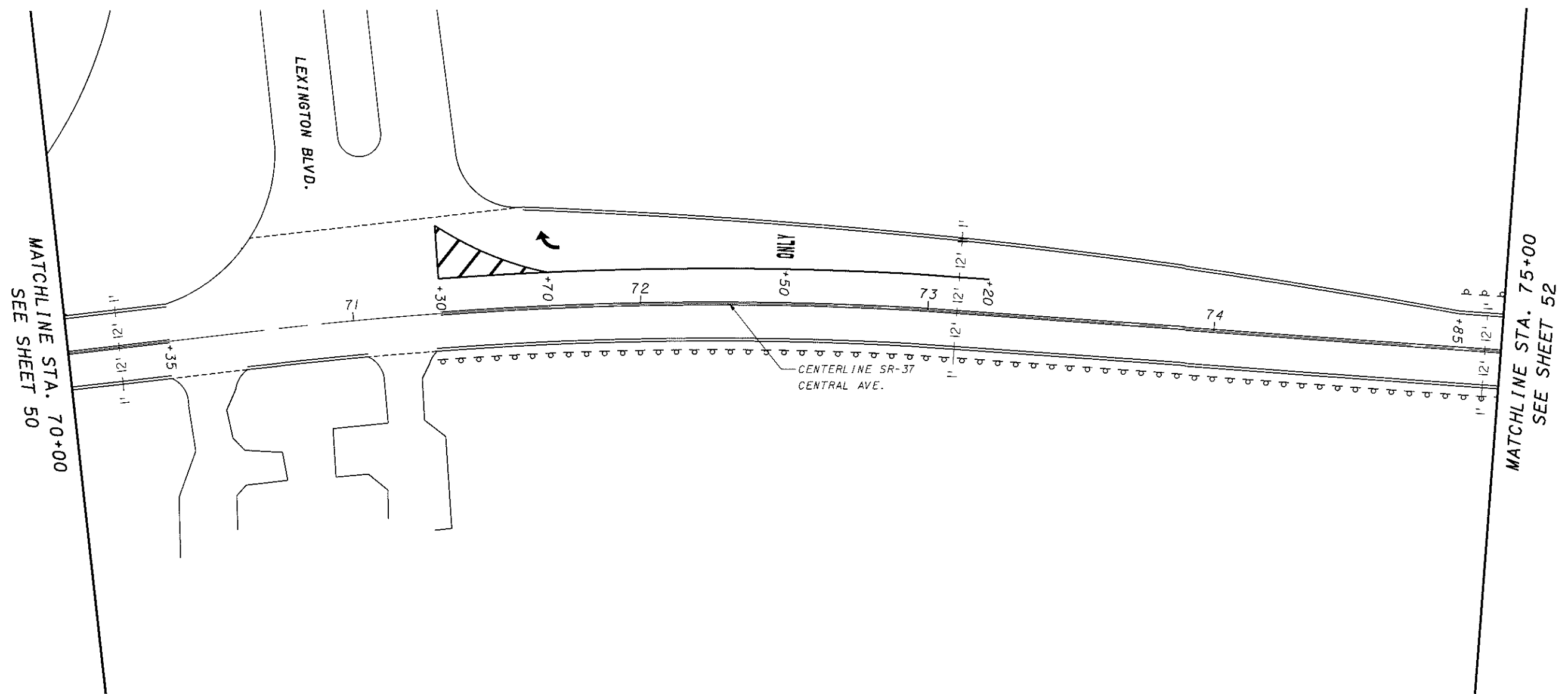
MATCHLINE STA. 65+00
 SEE SHEET 50



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LOCATION							QUANTITIES								REMARKS				
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644	644	644					
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	WORD ON PAVEMENT 72" EACH	CHANNEL-IZING LINE FT					
3	DEL	37	60+00	60+90	6	38'	380	29	16	1									
3	DEL	37	60+90	61+85	5	VARIES	338	25	14	1								EXTRA AREA (RIGHT TURN)	
3	DEL	37	61+85	65+00	6	26'	910	68	38	4									
3	DEL	37	60+00	65+00							0.095							EQ. SOLID LINE MILE = 0.173	
3	DEL	37	60+00	65+00								0.189						EQ. SOLID LINE MILE = 0.173	
3	DEL	37	60+00	60+90									1	90				ONLY	
TOTALS CARRIED TO GEN. SUMMARY							1628	122	68	6	0.095	0.189	1	90					

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PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 70+00 TO STA. 75+00

LOCATION							QUANTITIES								REMARKS	
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644	644	644		
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	CHANNEL- IZING LINE FT	TRANS- VERSE LINE FT		
3	DEL	37	70+00	70+35	6	26'	101	8	4	1						
3	DEL	37	70+35	74+85	5	VARIES	1600	120	67	6					EXTRA AREA (RIGHT TURN)	
3	DEL	37	74+85	75+00	6	26'	43	3	2	1						
3	DEL	37	70+00	75+00							0.095				EQ. SOLID LINE MILE = 0.189	
3	DEL	37	70+00	75+00								0.189			EQ. SOLID LINE MILE = 0.189	
3	DEL	37	71+30	73+20									250	36		
TOTALS CARRIED TO GEN. SUMMARY							1744	131	73	8	0.095	0.189	250	36		

DEL-36 - 8.00

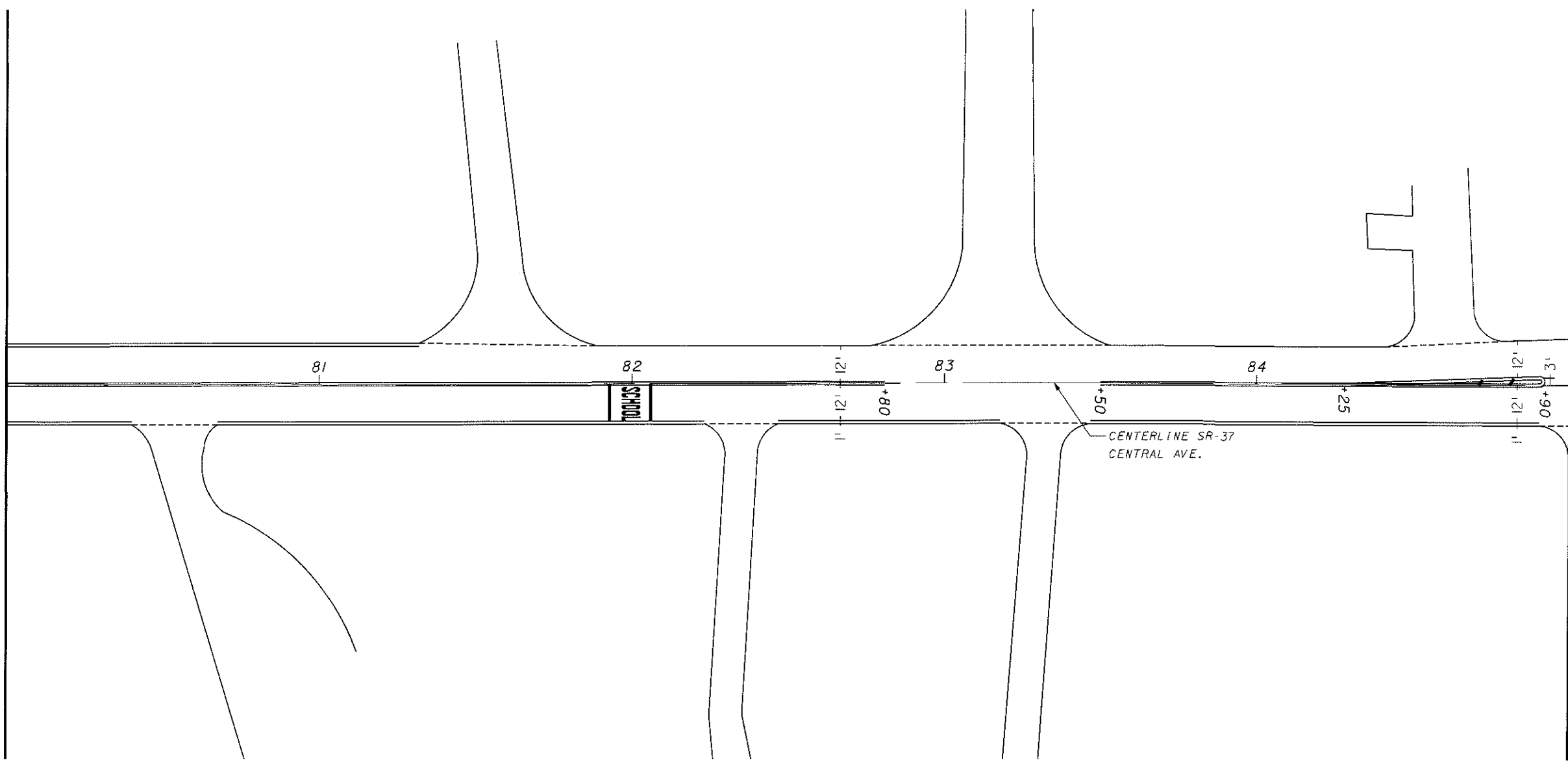


PLAN VIEW DEL-37 (CENTRAL AVE.)
 STA. 80+00 TO STA. 85+00

DEL-36-8.00

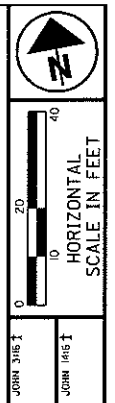
MATCHLINE STA. 80+00
 SEE SHEET 52

MATCHLINE STA. 85+00
 SEE SHEET 54



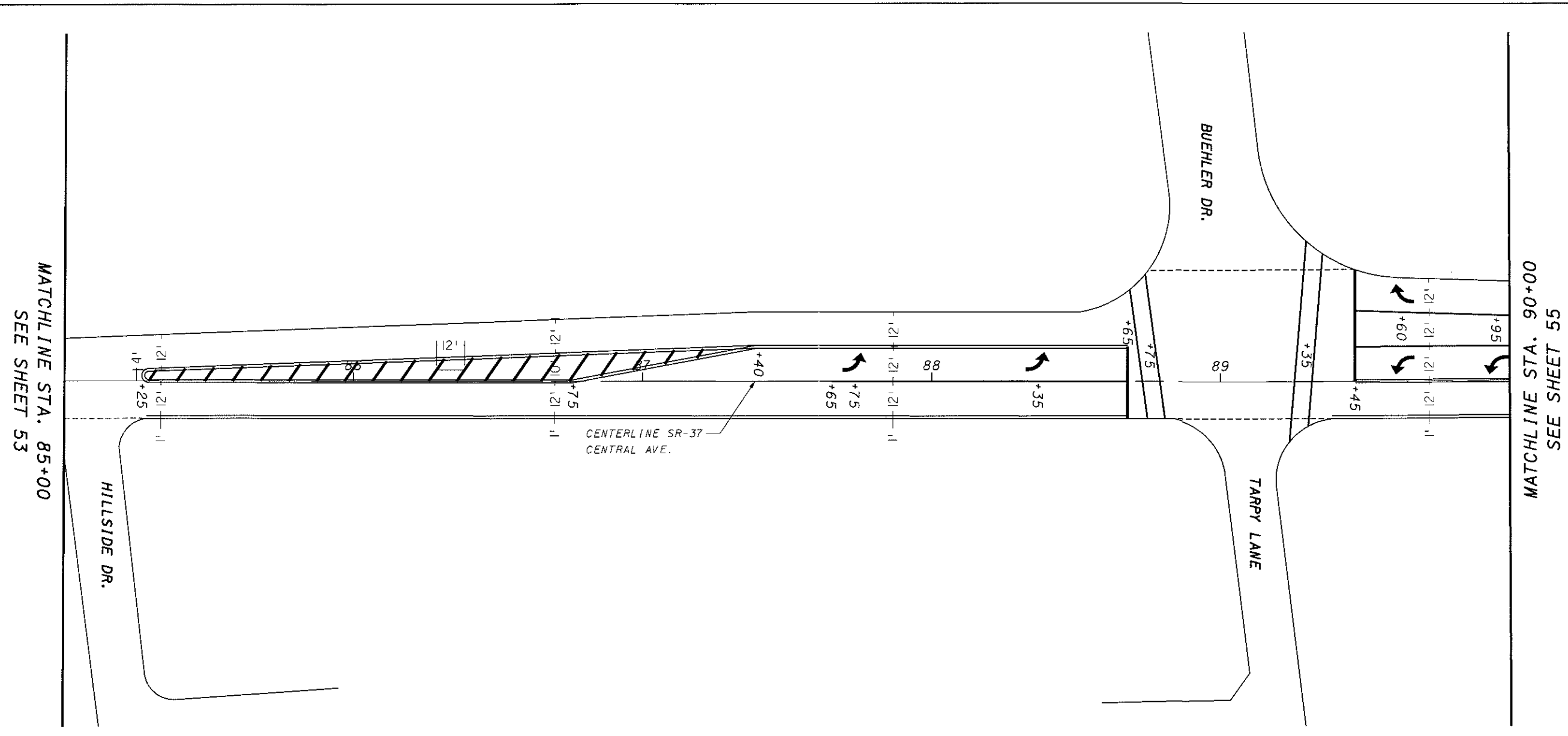
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LOCATION							QUANTITIES										REMARKS			
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644	644	644						
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	TRANS- VERSE LINE FT	SCHOOL SYMBOL MARKING 72" EACH						
3	DEL	37	80+00	84+25	6	26'	1228	92	51	5										
3	DEL	37	84+25	85+00	5	VARIES	267	20	11	1									PAVEMENT WIDTH TRANS.	
3	DEL	37	80+00	85+00							0.095								EQ. SOLID LINE MILE = 0.184	
3	DEL	37	80+00	85+00							0.095								EQ. SOLID LINE MILE = 0.095	
3	DEL	37	84+25	84+90								5								
3	DEL	37	82+00										1							
TOTALS CARRIED TO GEN. SUMMARY							1495	112	62	6	0.095	0.095	5	1						



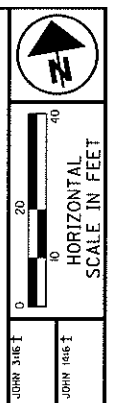
PLAN VIEW DEL-37 (CENTRAL AVE.)
 STA. 85+00 TO STA. 90+00

DEL-36-8.00



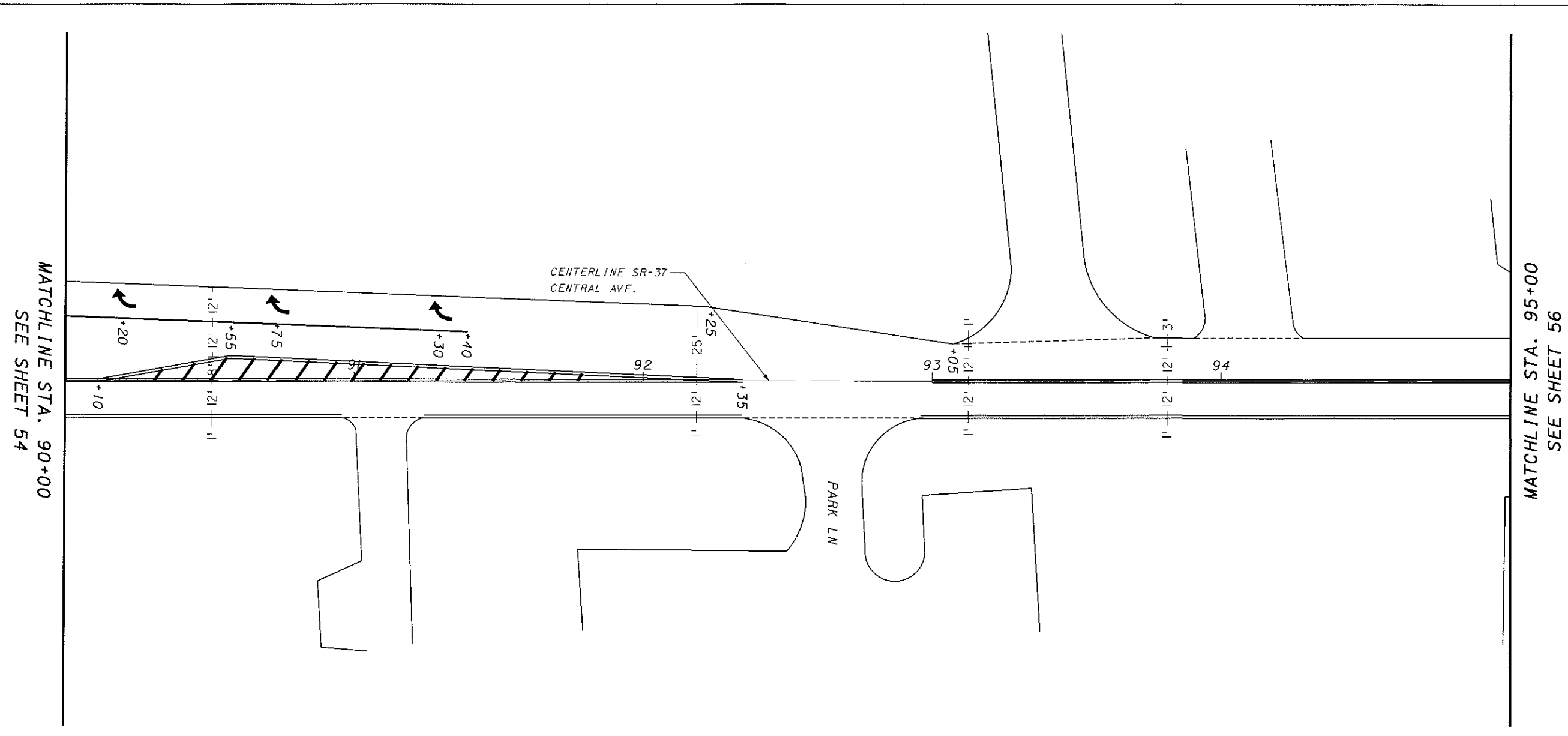
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LOCATION						QUANTITIES											REMARKS	
L	C	R	S	S	T	PAVEMENT	254	407	448	617	644	644	644	644	644	644	644	
W	U	U	T	T	Y	WIDTH	PAVEMENT	TACK	ASPHALT	COMPACT	CENTER	EDGE	LANE	CHANNEL-	STOP	CROSS-	TRANS-	
I	T	E	I	I	P		PLANING	COAT	SURFACE	AGG.	LINE	LINE	ARROW	IZING	LINE	WALK	VERSE	
O	T		O	O	I		ASPHALT	0.075	COURSE	TYPE A				LINE			LINE	
N	Y		N	N	C	1.5"DEPTH	GAL.	PG64-22	TYPE 1	2"DEPTH	MILE	MILE	EACH	FT	FT	FT	FT	
					A	SQ YD	SQ YD	CU YD	CU YD									
3	DEL	37	85+00	87+40	5	VARIES	853	64	36	3								PAVEMENT WIDTH TRANS.
3	DEL	37	87+40	88+75	5	38'	570	43	24	2								EXTRA AREA (RIGHT TURN)
3	DEL	37	88+75	90+00	5	VARIES	681	51	28	2								EXTRA AREA (2 RIGHT TURN)
3	DEL	37	85+00	90+00							0.135							EQ. SOLID LINE MILE = 0.270
3	DEL	37	85+00	90+00								0.095						EQ. SOLID LINE MILE = 0.095
3	DEL	37	87+65	88+65									2	100	25			2 LEFT TURN
3	DEL	37	89+45	90+00									2	55	36			2 LEFT TURN
3	DEL	37	89+45	90+00									1	55				RIGHT TURN
3	DEL	37	88+75													100		
3	DEL	37	89+35													100		
																	160	
TOTALS CARRIED TO GEN. SUMMARY							2104	158	88	7.000	0.135	0.095	5	210	61	200	160	



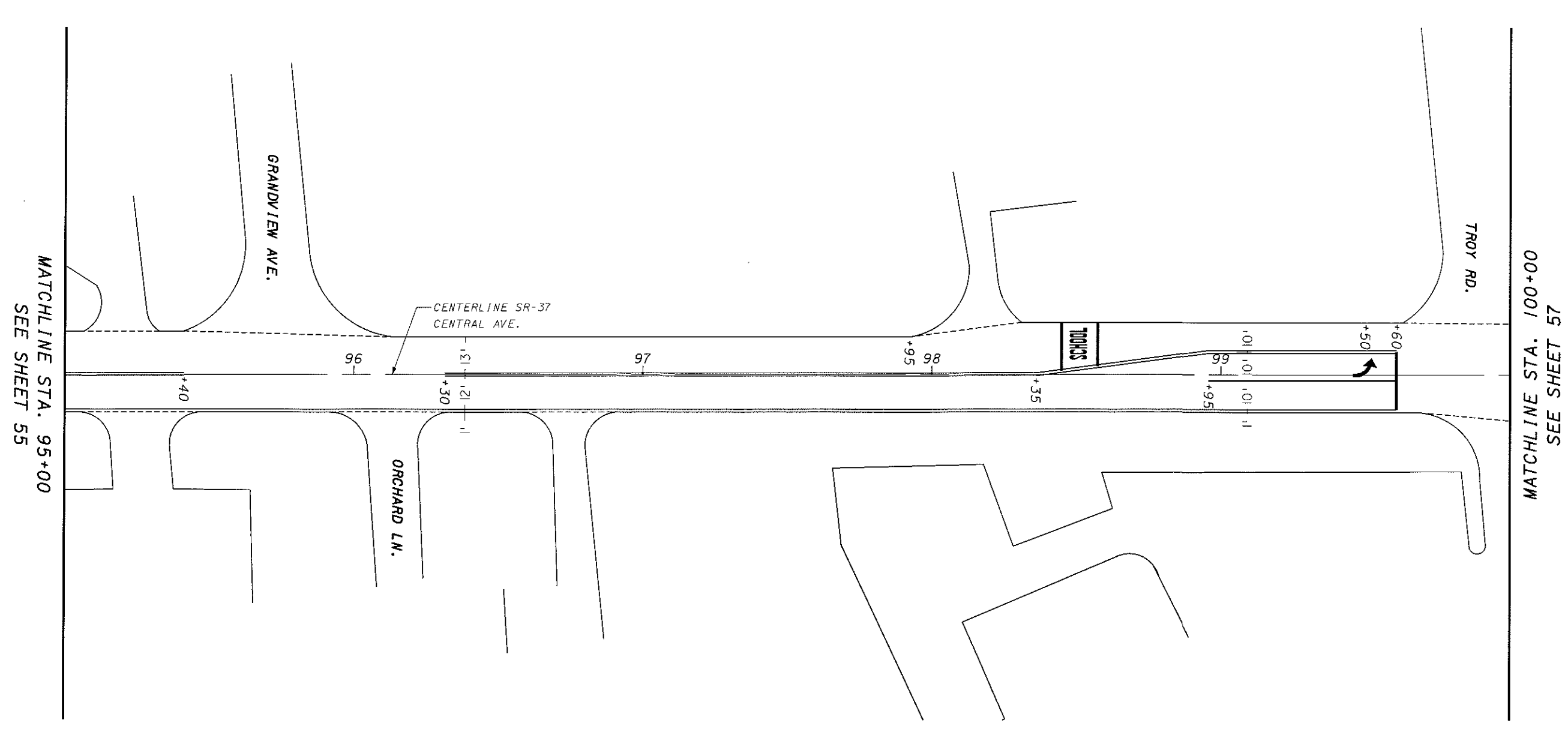
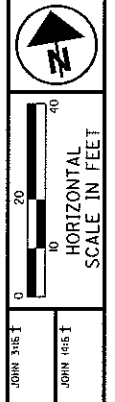
PLAN VIEW DEL-37 (CENTRAL AVE.)
 STA. 90+00 TO STA. 95+00

DEL-36-8.00



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LOCATION							QUANTITIES										REMARKS		
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	617	644	644	644	644	644				
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	PAVEMENT TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	LANE ARROW EACH	CHANNEL-IZING LINE FT	TRANS-VERSE LINE FT				
3	DEL	37	90+00	90+55	5	VARIES	287	22	12	1								PAVEMENT WIDTH TRANS.	
3	DEL	37	90+55	92+25	5	VARIES	774	58	32	2								PAVEMENT WIDTH TRANS.	
3	DEL	37	92+25	93+05	5	VARIES	284	21	12	1								PAVEMENT WIDTH TRANS.	
3	DEL	37	93+05	95+00	5	28'	607	46	25	2								EXTRA WIDTH LT. SHOULDER	
3	DEL	37	90+00	95+00							0.137							EQ. SOLID LINE MILE = 0.274	
3	DEL	37	90+00	95+00							0.095							EQ. SOLID LINE MILE = 0.095	
3	DEL	37	90+00	91+40								3	140					3 RIGHT TURN	
3	DEL	37	90+10	92+35										105				YELLOW	
TOTALS CARRIED TO GEN. SUMMARY							1953	147	81	6	0.137	0.095	3	140	105				



LOCATION

QUANTITIES

REMARKS

L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	254	407	448	617	644	644	644	644	644				
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	COMPACT AGG. TYPE A 2"DEPTH CU YD	CENTER LINE MILE	EDGE LINE MILE	LANE ARROW EACH	CHANNEL- IZING LINE FT	STOP LINE FT				SCHOOL SYMBOL MARKING 72" EACH
3	DEL	37	95+00	96+30	5	28'	404	30	17	2									
3	DEL	37	96+30	97+95	5	26'	477	36	20	2									
3	DEL	37	97+95	98+35	5	VARIES	127	10	5	1									
3	DEL	37	98+35	99+60	5	31'	431	32	18	2									
3	DEL	37	99+60	100+00	3	VARIES	144	11	6										
3	DEL	37	95+00	100+00							0.137							EQ. SOLID LINE MILE = 0.095	
3	DEL	37	95+00	100+00								0.095						EQ. SOLID LINE MILE = 0.095	
3	DEL	37	98+95	99+60									1	65	21			EQ. SOLID LINE MILE = 0.095	
3	DEL	37	98+50															LEFT TURN	
TOTALS CARRIED TO GEN. SUMMARY							1583	119	66	7	0.137	0.095	1	65	21	1			

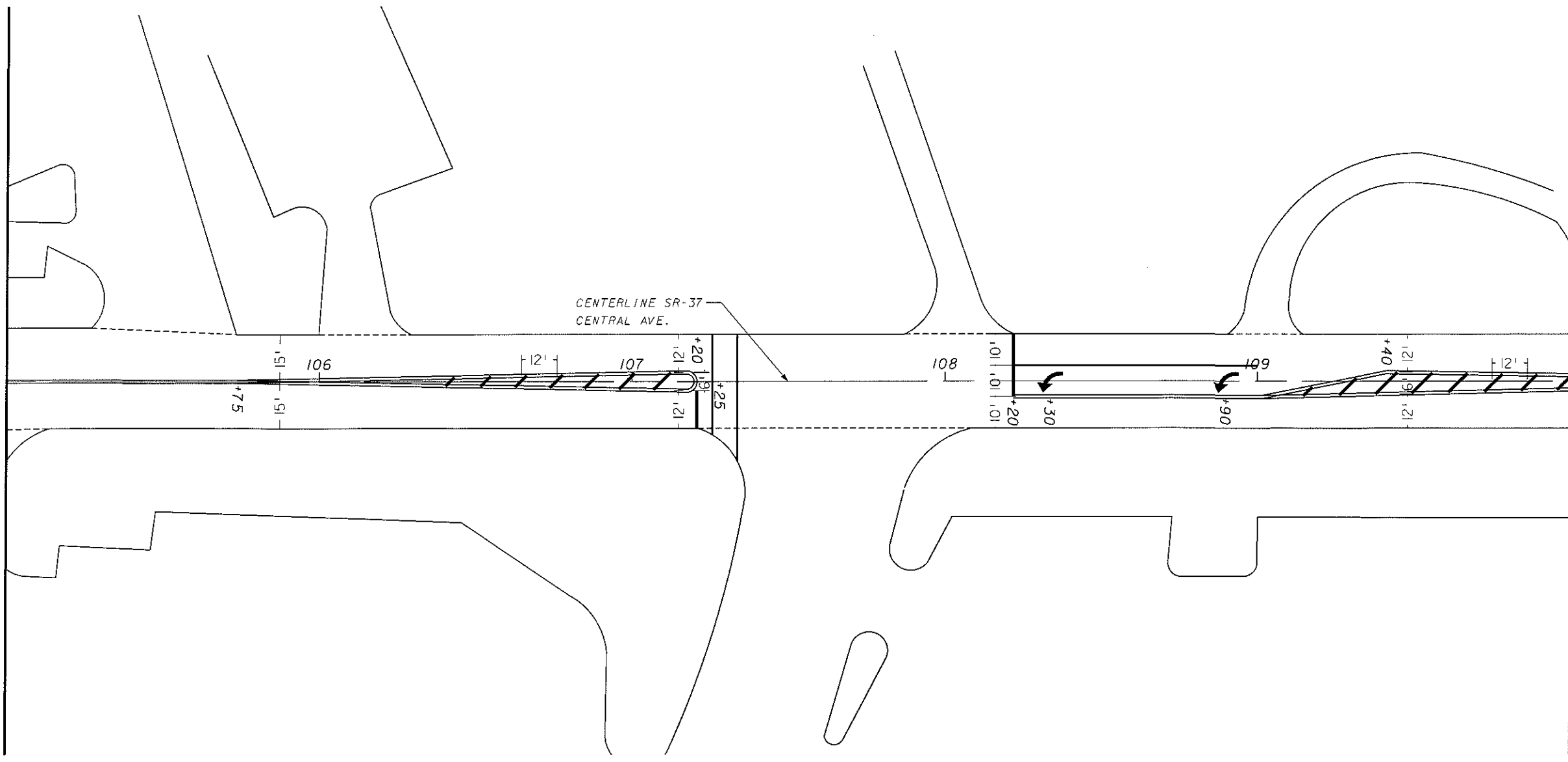
PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 95+00 TO STA. 100+00

DEL-36-8.00

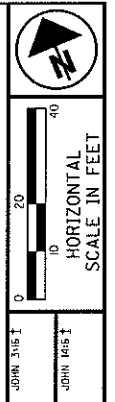
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MATCHLINE STA. 105+00
SEE SHEET 57



MATCHLINE STA. 110+00
SEE SHEET 59



PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 105+00 TO STA. 110+00

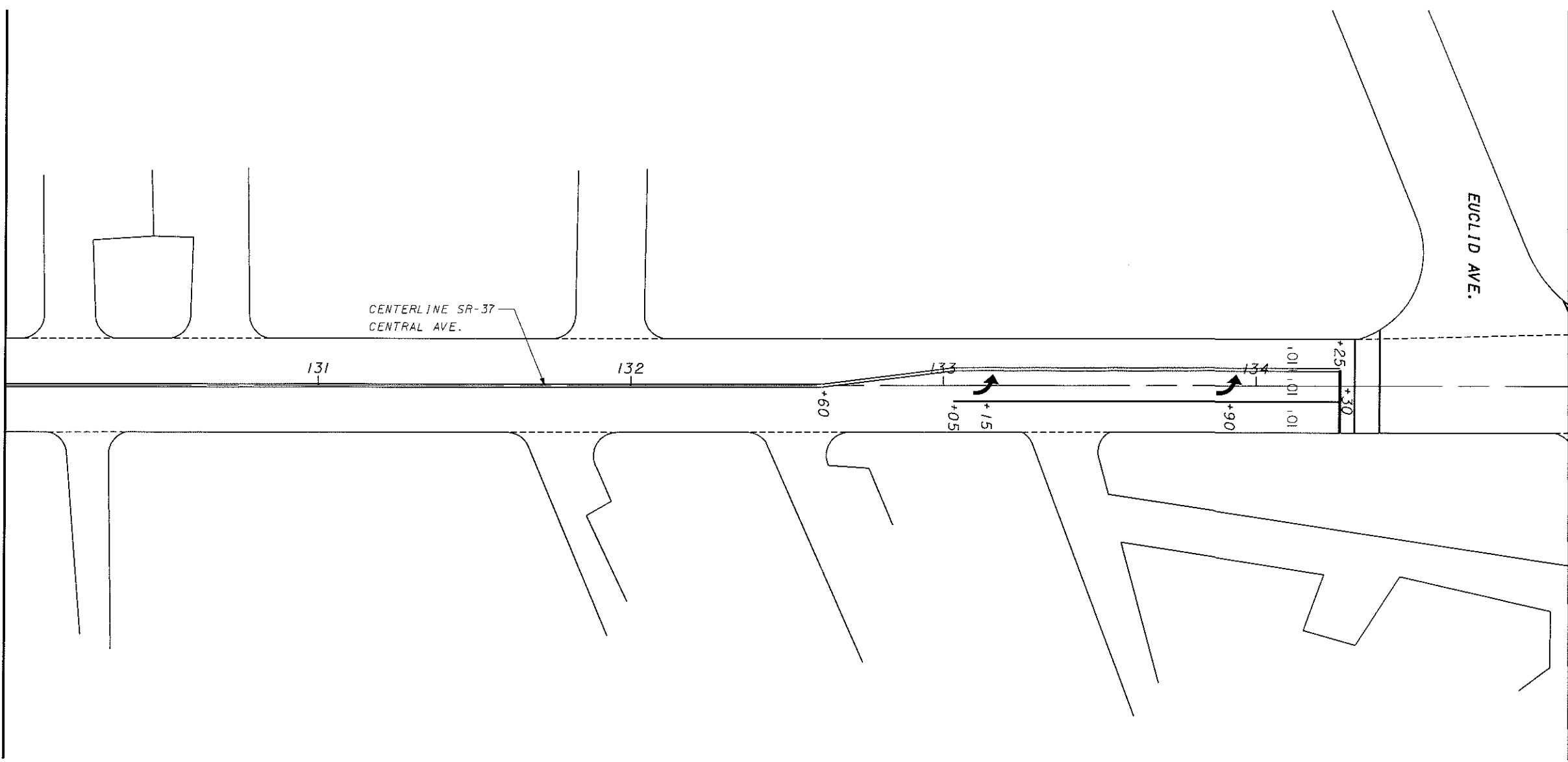
DEL-36-8.00

58
83

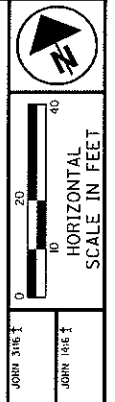
LOCATION							QUANTITIES										REMARKS		
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644	644	644	644				
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	CHANNEL- IZING LINE FT	TRANS- VERSE LINE FT	STOP LINE FT	LANE ARROW EACH	CROSS- WALK FT				
3	DEL	37	105+00	105+75	3	34'	283	21	12										
3	DEL	37	105+75	110+00	3	30'	1417	106	59										
3	DEL	37	105+00	110+00						0.095									EQ. SOLID LINE MILE = 0.282
3	DEL	37	108+20	109+00							80	20	2						LEFT TURN
3	DEL	37	107+20									12							
3	DEL	37	105+25	107+20								40							YELLOW
3	DEL	37	109+00	110+00								60							YELLOW
3	DEL	37	107+25											65					
TOTALS CARRIED TO GEN. SUMMARY							1700	128	71	0.095	80	100	32	2	65				

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MATCHLINE STA. 130+00
SEE SHEET 62



MATCHLINE STA. 135+00
SEE SHEET 64

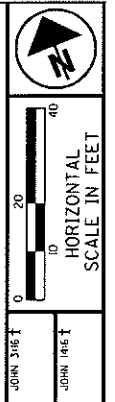


PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 130+00 TO STA. 135+00

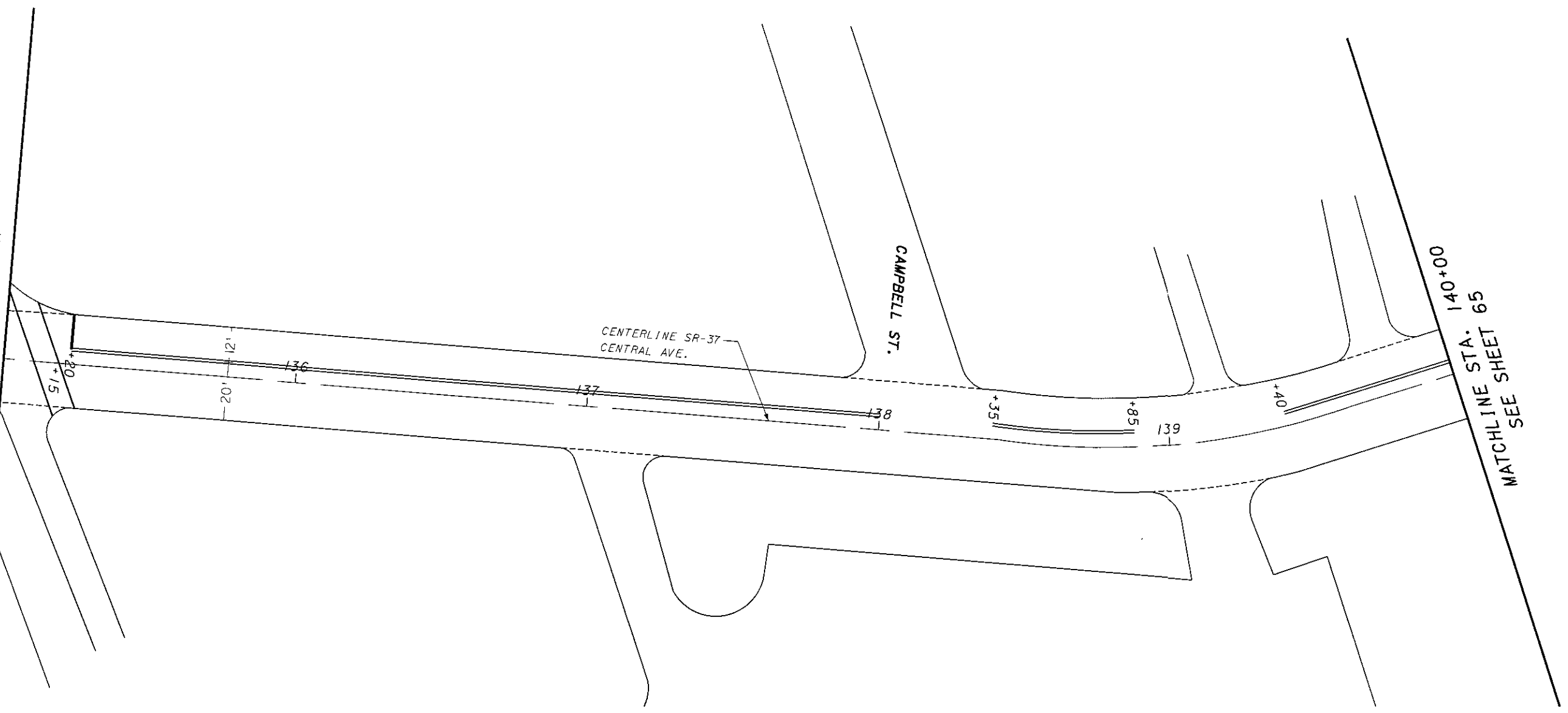
DEL-36 - 8.00

63
83

LOCATION							QUANTITIES										REMARKS			
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644	644	644						
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	PAVEMENT TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	LANE ARROW EACH	CHANNEL- IZING LINE FT	STOP LINE FT	CROSS- WALK FT						
3	DEL	37	130+00	134+30	3	30'	1433	107	60											
3	DEL	37	134+30	135+00	3	32'	249	19	10											
3	DEL	37	130+00	135+00						0.095									EQ. SOLID LINE MILE - 0.179	
3	DEL	37	133+05	134+25							2	120	20						LEFT TURN	
3	DEL	37	134+30											60						
TOTALS CARRIED TO GEN. SUMMARY							1682	126	70	0.095	2	120	20	60						



MATCHLINE STA. 135+00
SEE SHEET 63



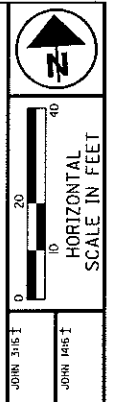
MATCHLINE STA. 140+00
SEE SHEET 65

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LOCATION						QUANTITIES										REMARKS			
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644							
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE I PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	CROSS- WALK FT	STOP LINE FT							
3	DEL	37	135+00	140+00	3	32'	1778	133	74										
3	DEL	37	135+00	140+00						0.095									EQ. SOLID LINE MILE = 0.151
3	DEL	37	135+15								80								
3	DEL	37	135+20									12							
TOTALS CARRIED TO GEN. SUMMARY							1778	133	74	0.095	80	12							

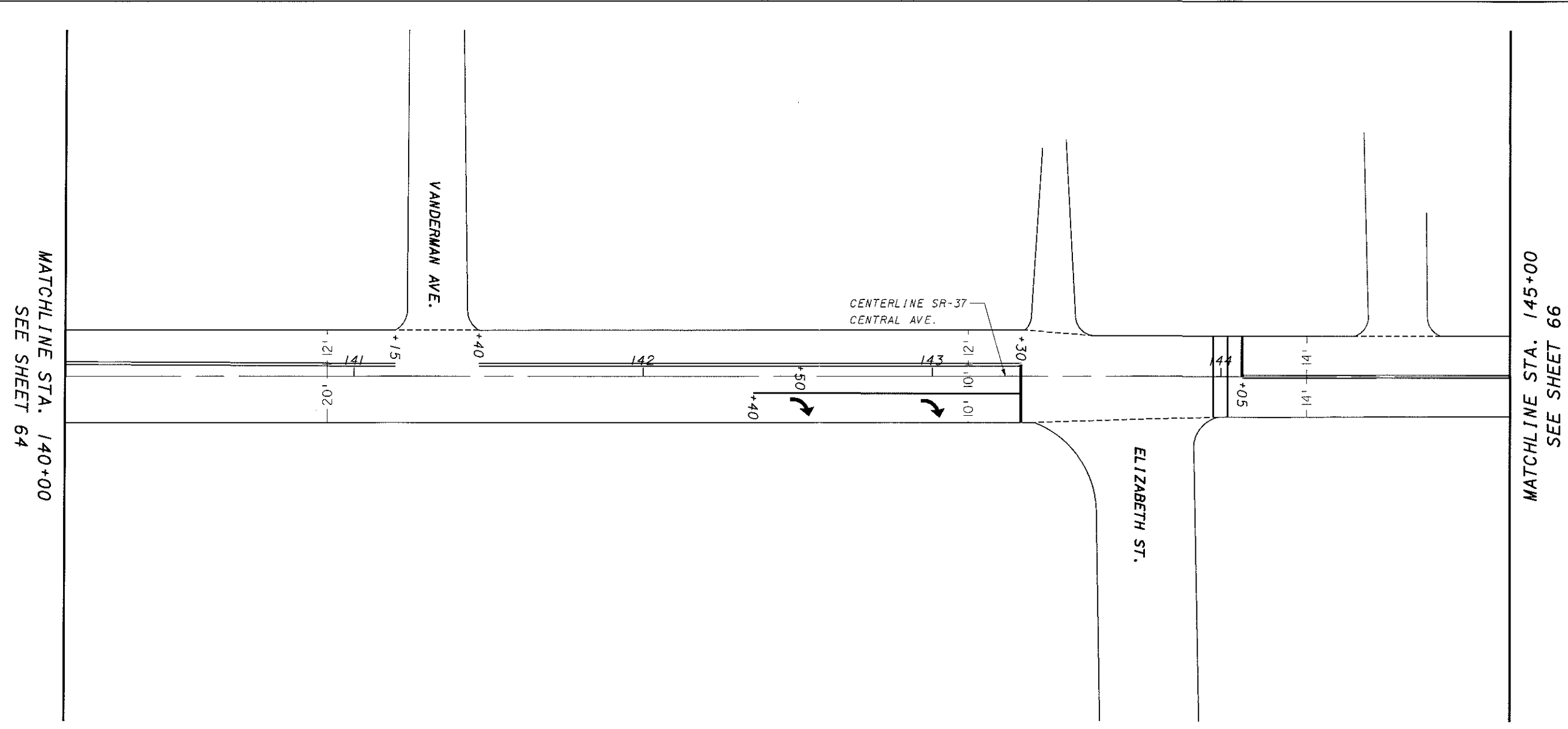
PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 135+00 TO STA. 140+00

DEL-36-8.00



PLAN VIEW DEL-37 (CENTRAL AVE.)
 STA. 140+00 TO STA. 145+00

DEL-36 - 8.00

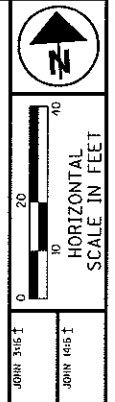
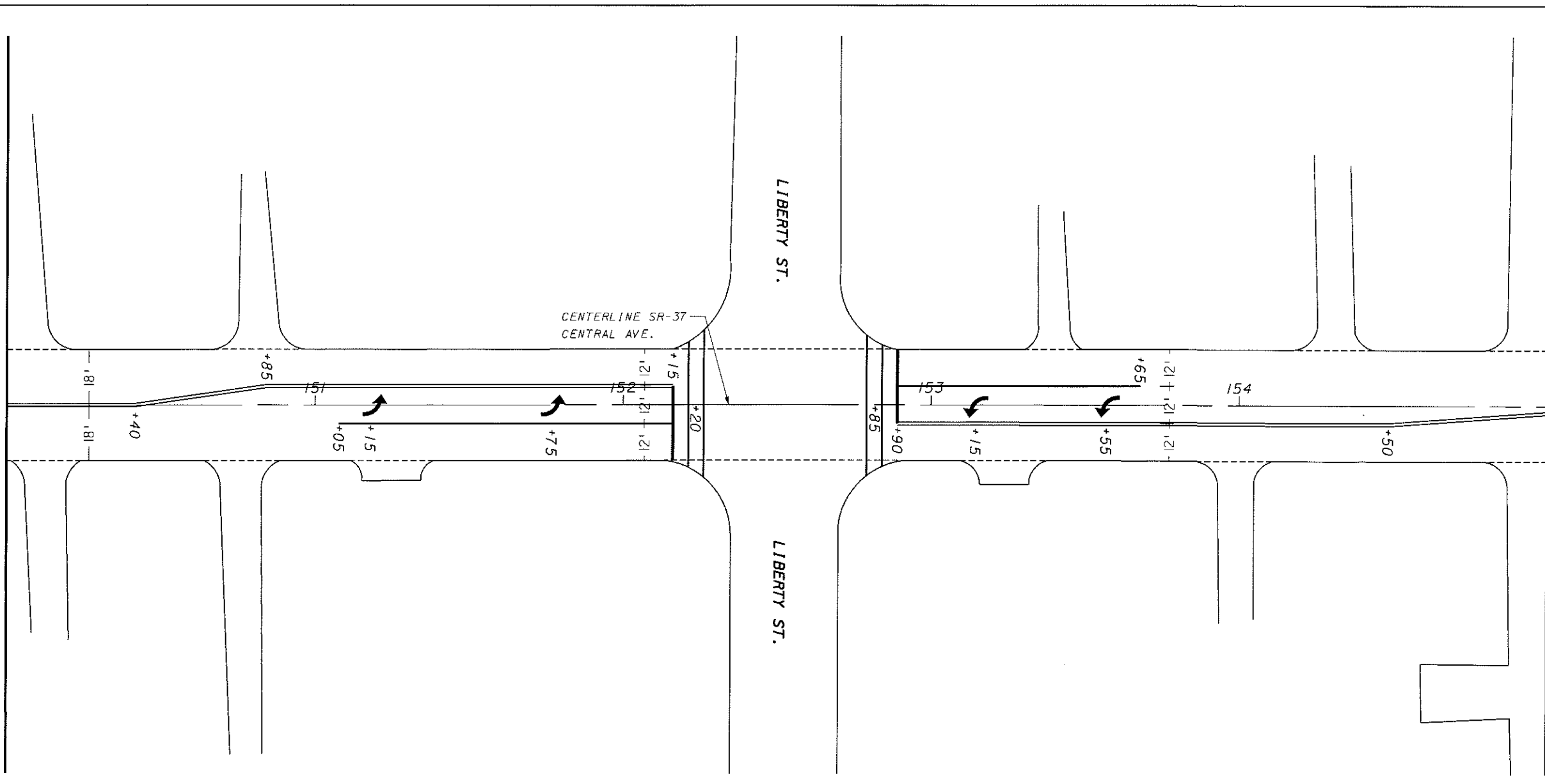


LOCATION							QUANTITIES										REMARKS			
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644	644	644						
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH	PAVEMENT PLANING ASPHALT 1.5"DEPTH	TACK COAT 0.075 GAL.	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH	CENTER LINE	LANE ARROW	CHANNEL-IZING LINE	STOP LINE	CROSS-WALK					
A	N	T	I	A	P		SQ YD	SQ YD	CU YD	MILE	EACH	FT	FT	FT						
T	Y	E	O	I	I															
I			N	O	O															
O				N	A															
N					L															
3	DEL	37	140+00	143+30	3	32'	1173	88	49											
3	DEL	37	143+30	144+05	3	VARIES	250	19	10											
3	DEL	37	144+05	145+00	3	28'	296	22	12											
3	DEL	37	140+00	145+00						0.095									EQ. SOLID LINE MILE = 0.151	
3	DEL	37	142+20	143+30							2	90	20						2 RIGHT TURN	
3	DEL	37	144+05										14							
3	DEL	37	144+00											56						
TOTALS CARRIED TO GEN. SUMMARY							1719	129	71	0.095	2	90	34	56						

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MATCHLINE STA. 150+00
SEE SHEET 66



PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 150+00 TO STA. 155+00

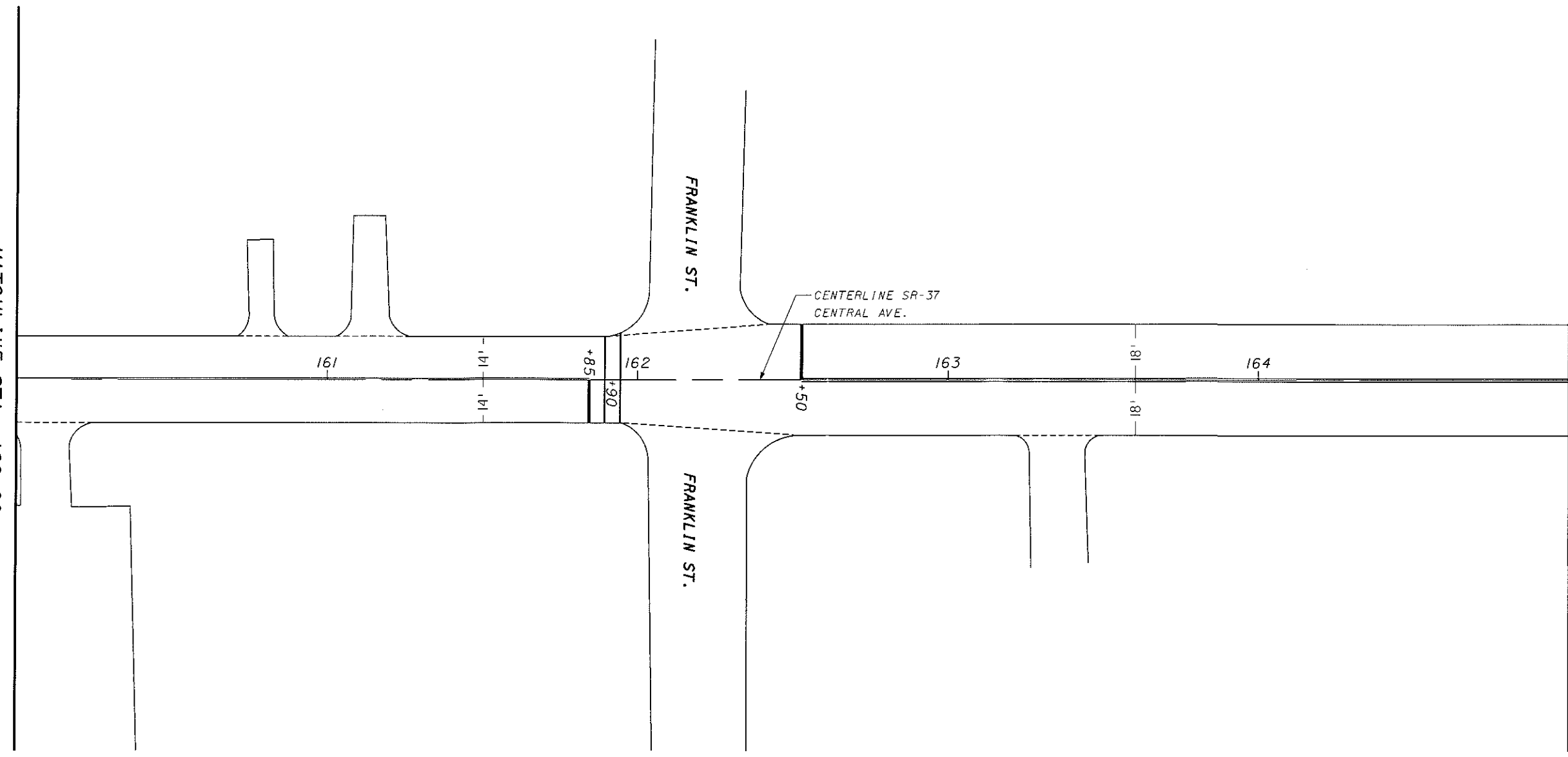
DEL-36-8.00

LOCATION **QUANTITIES** **REMARKS**

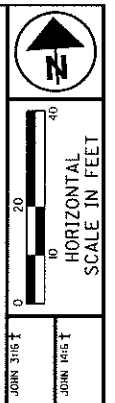
L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	254	407	448	644	644	644	644	644	REMARKS	
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	LANE ARROW EACH	CHANNEL- IZING LINE FT	STOP LINE FT	CROSS- WALK FT		
3	DEL	37	150+00	155+00	3	36'	2000	150	83							
3	DEL	37	150+00	155+00						0.095					EQ. SOLID LINE MILE = 0.151	
3	DEL	37	151+05	152+15							2	110	24		2 RIGHT TURN	
3	DEL	37	152+90	153+65							2	75	24		2 RIGHT TURN	
3	DEL	37	152+20										75			
3	DEL	37	152+85										75			
TOTALS CARRIED TO GEN. SUMMARY							2000	150	83	0.095	4	185	48	150		

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MATCHLINE STA. 160+00
SEE SHEET 68



MATCHLINE STA. 165+00
SEE SHEET 70



PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 160+00 TO STA. 165+00

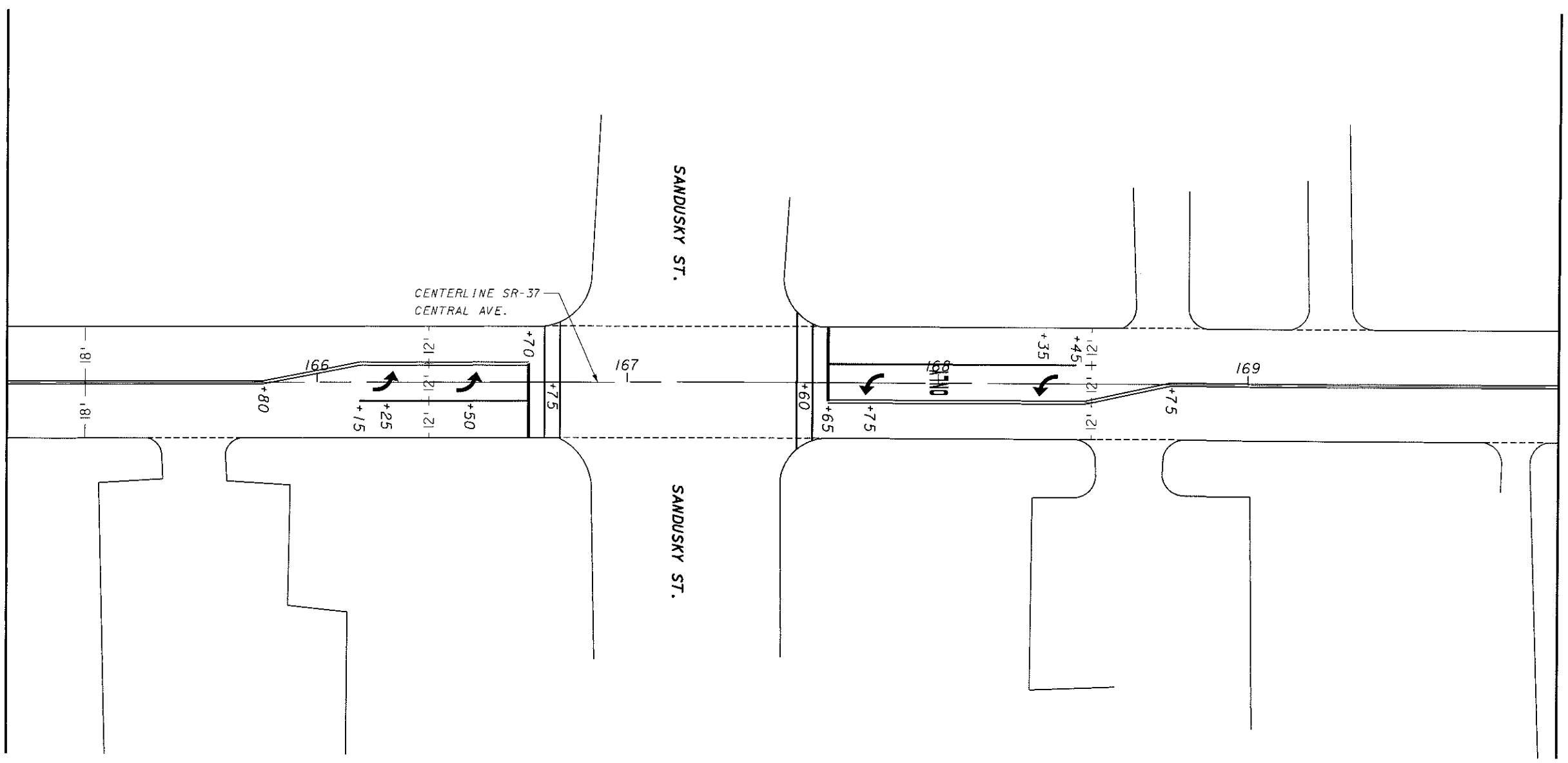
DEL-36-8.00

69
83

LOCATION						QUANTITIES											REMARKS	
L	C	R	S	S	T	254	407	448	644	644	644							
CON	UNIT	TYPE	START	STOP	TY	PAVEMENT WIDTH	PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE I PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	CROSS-WALK FT	STOP LINE FT						
3	DEL	37	160+00	161+90	3	28'	591	44	25									
3	DEL	37	161+90	162+50	3	VARIES	200	15	8									
3	DEL	37	162+50	165+00	3	32'	889	67	37									
3	DEL	37	160+00	165+00						0.095								EQ. SOLID LINE MILE = 0.151
3	DEL	37	161+85									14						
3	DEL	37	161+90								50							
3	DEL	37	162+50									14						
TOTALS CARRIED TO GEN. SUMMARY							1680	126	70	0.095	50	28						



MATCHLINE STA. 165+00
SEE SHEET 69



MATCHLINE STA. 170+00
SEE SHEET 71

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LOCATION

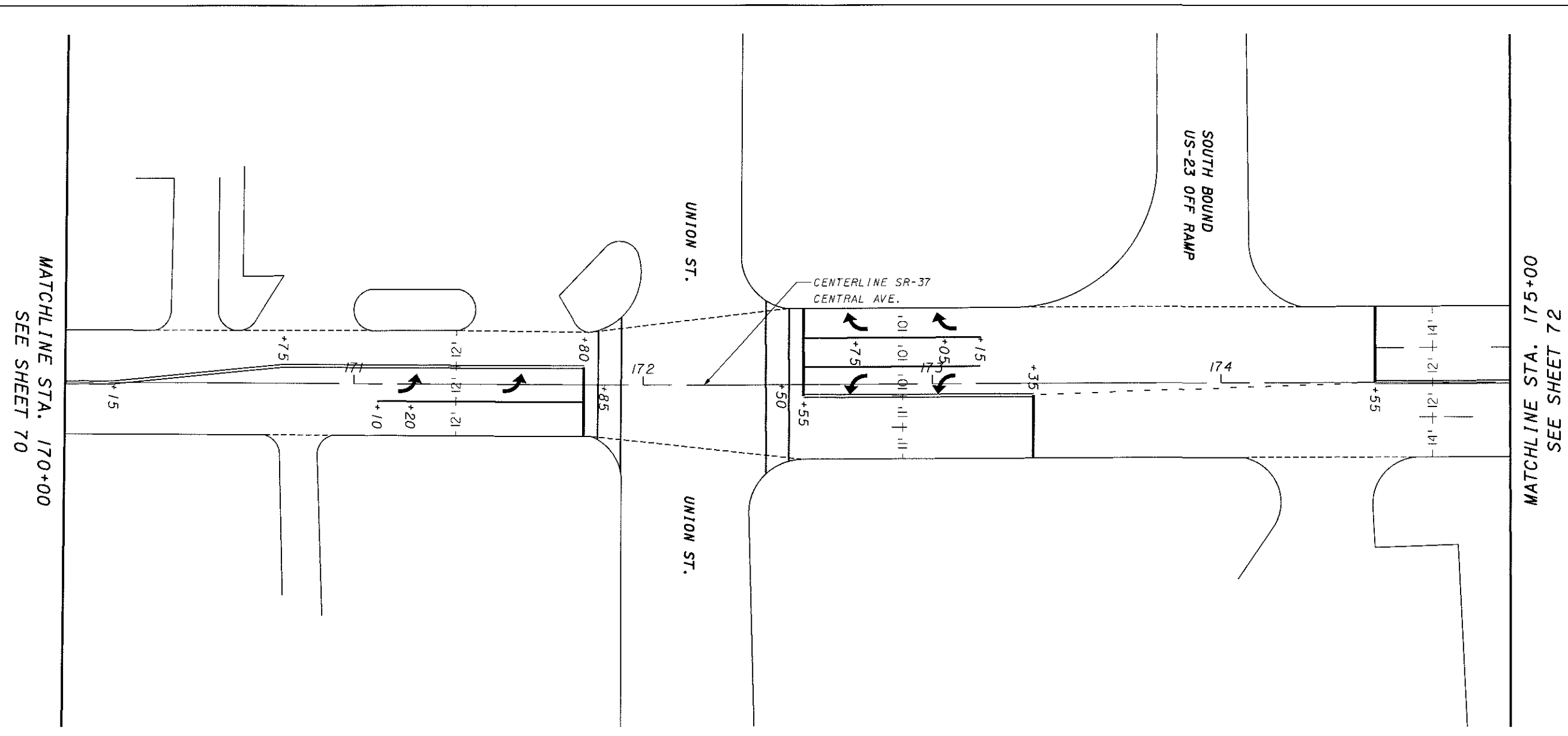
QUANTITIES

REMARKS

L C A T I O N	C O U R S E	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	254	407	448	644	644	644	644	644	644	REMARKS	
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	LANE ARROW EACH	CHANNEL- IZING LINE FT	STOP LINE FT	WORD ON PAVEMENT 72" EACH	CROSS- WALK FT		
3	DEL	37	165+00	170+00	3	32'	1778	133	74								
3	DEL	37	165+00	170+00						0.095						EQ. SOLID LINE MILE = 0.151	
3	DEL	37	166+15	166+70							2	65	24			LEFT TURN	
3	DEL	37	167+65	168+45							2	80	24			LEFT TURN	
3	DEL	37	168+00											1		ONLY	
3	DEL	37	166+75												75		
3	DEL	37	167+60												75		
TOTALS CARRIED TO GEN. SUMMARY							1778	133	74	0.095	4	145	48	1	150		

PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 165+00 TO STA. 170+00

DEL-36-8.00



LOCATION **QUANTITIES** **REMARKS**

L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	P A V E M E N T W I D T H	254	407	448	448	644	644	644	644	644	644		
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1-H 1.5"DEPTH CU YD	ASPHALT SURFACE COURSE TYPE 1 PG64-22 1.5"DEPTH CU YD	CENTER LINE MILE	LANE ARROW EACH	CHANNEL- IZING LINE FT	STOP LINE FT	CROSS- WALK FT	DOTTED LINE 4" FT		LANE LINE MILE
3	DEL	37	170+00	171+85	3	32'	658	49		27								
3	DEL	37	171+85	172+50	3	VARIES	303	23		13								
3	DEL	37	172+50	175+00	3	52'	1444	108	60									
3	DEL	37	170+00	175+00							0.095						EQ. SOLID LINE MILE = 0.115	
3	DEL	37	171+50	171+80								2	70	24			LEFT TURN	
3	DEL	37	172+55	173+15								2	60	30			LEFT TURN	
3	DEL	37	172+55	173+15								2	60				RIGHT TURN	
3	DEL	37	171+85											75				
3	DEL	37	172+50											110				
3	DEL	37	174+55										26					
3	DEL	37	173+35	174+55											120		YELLOW	
3	DEL	37	174+55	175+00												0.01	WB EQ. SLD. LINE = 0.01	
3	DEL	37	174+55	175+00												0.01	EB EQ. SLD. LINE = 0.01	
3	DEL	37	173+35											22				
TOTALS CARRIED TO GEN. SUMMARY							2405	181	60	40	0.095	6	190	102	185	120	0.020	

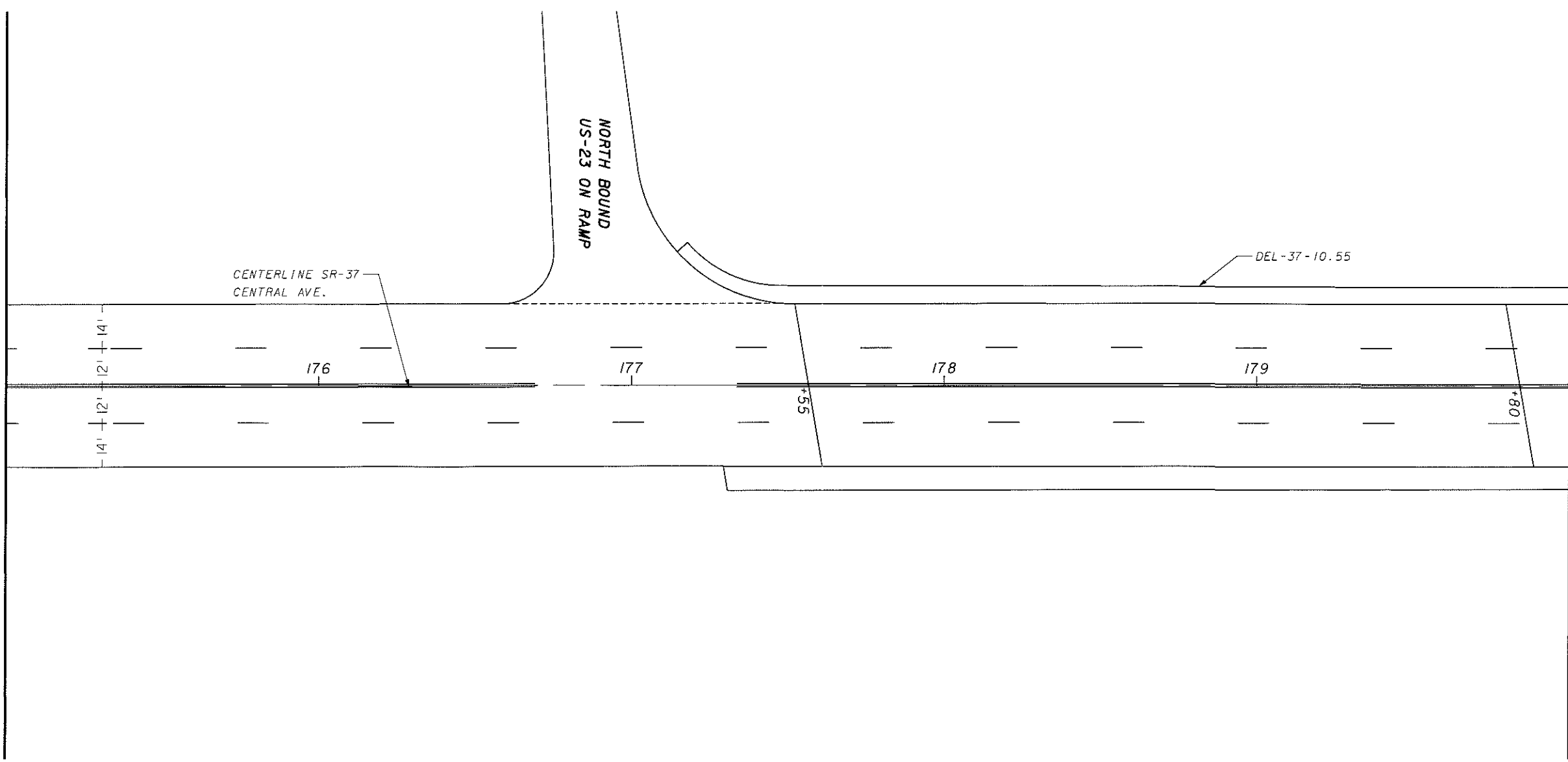
PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 170+00 TO STA. 175+00

DEL-36-8.00

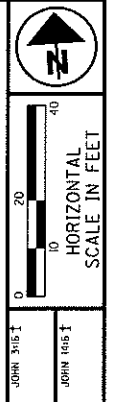
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MATCHLINE STA. 175+00
SEE SHEET 71



MATCHLINE STA. 180+00
SEE SHEET 73



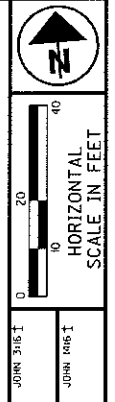
PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 175+00 TO STA. 180+00

DEL-36-8.00

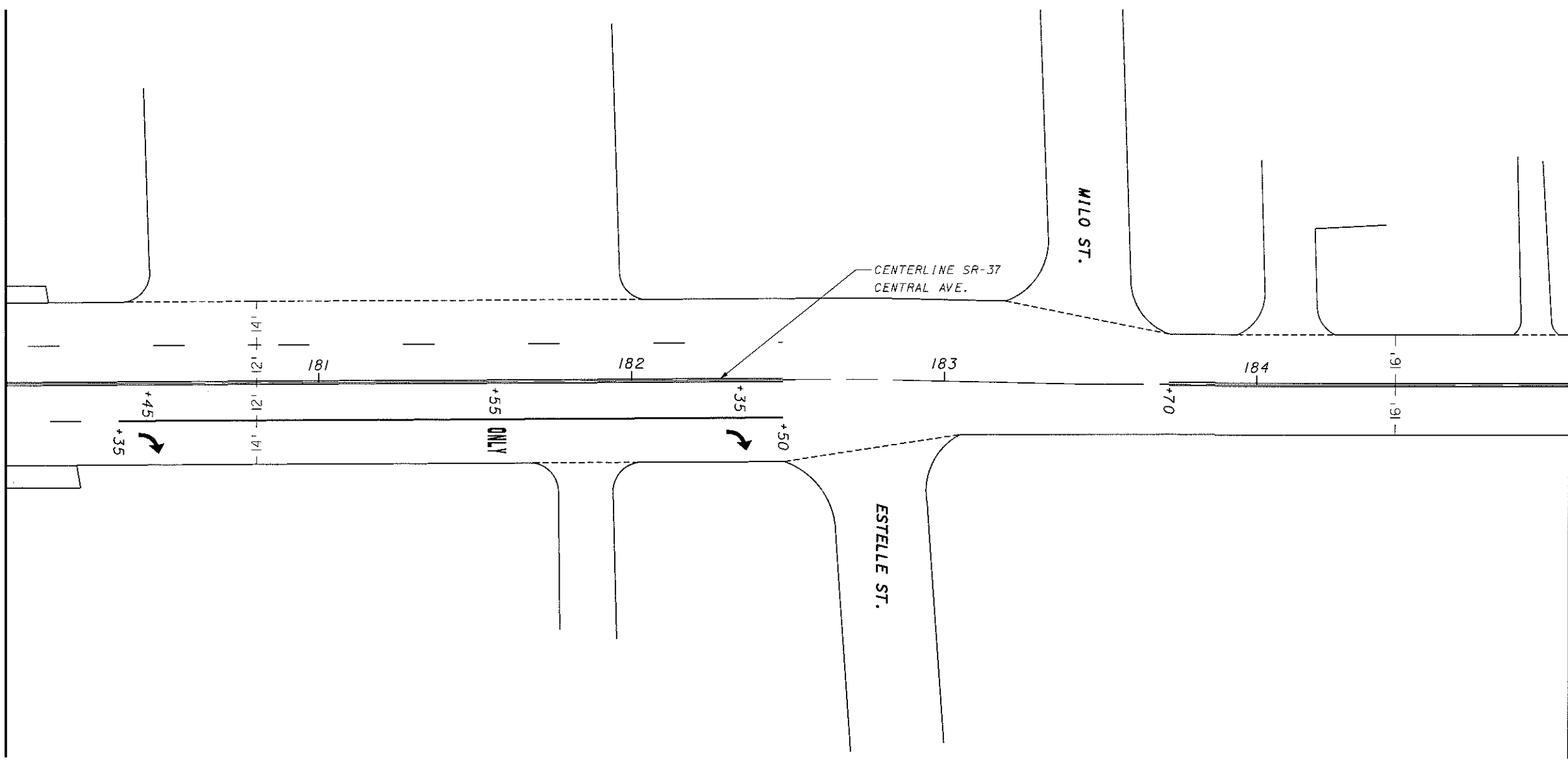
LOCATION							QUANTITIES										REMARKS		
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644								
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1-H 1.5"DEPTH CU YD	CENTER LINE MILE	LANE LINE MILE								
3	DEL	37	175+00	180+00	3	52'	2889	217	120										
3	DEL	37	175+00	180+00						0.095									
3	DEL	37	175+00	180+00							0.095								
3	DEL	37	175+00	180+00							0.095								
3	DEL	37	177+55	179+80	3	52'	-1300	-98	-54										
TOTALS CARRIED TO GEN. SUMMARY							1589	119	66	0.095	0.189								

EQ. SOLID LINE MILE = 0.189
WB EQ. SLD. LINE = 0.02
EB EQ. SLD. LINE = 0.02

DEDUCT FOR DEL-37-10.55
PROVIDE BUTT JOINTS AT
APPROACH SLABS (BP-3.1)



MATCHLINE STA. 180+00
SEE SHEET 72



MATCHLINE STA. 185+00
SEE SHEET 74

LOCATION

QUANTITIES

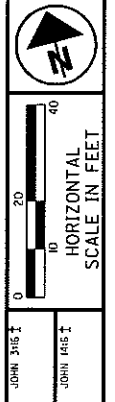
REMARKS

L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644	644	644	REMARKS
							PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE 1-H 1.5"DEPTH CU YD	CENTER LINE MILE	LANE LINE MILE	LANE ARROW EACH	CHANNEL-IZING LINE FT	WORD ON PAVEMENT 72" EACH	
3	DEL	37	180+00	182+50	3	52'	1444	108	60						
3	DEL	37	182+50	183+70	3	VARIES	587	44	24						
3	DEL	37	183+70	185+00	3	36'	520	39	22						
3	DEL	37	180+00	185+00						0.095					EQ. SOLID LINE MILE = 0.189
3	DEL	37	180+00	182+50						0.047					WB EQ. SLD. LINE = 0.01
3	DEL	37	180+00	182+50						0.047					EB EQ. SLD. LINE = 0.01
3	DEL	37	180+35	182+50							2	215			RIGHT TURN ONLY
3	DEL	37	181+55										1		
TOTALS CARRIED TO GEN. SUMMARY							2551	191	106	0.095	0.095	2	215	1	

PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 180+00 TO STA. 185+00

DEL-36-8.00

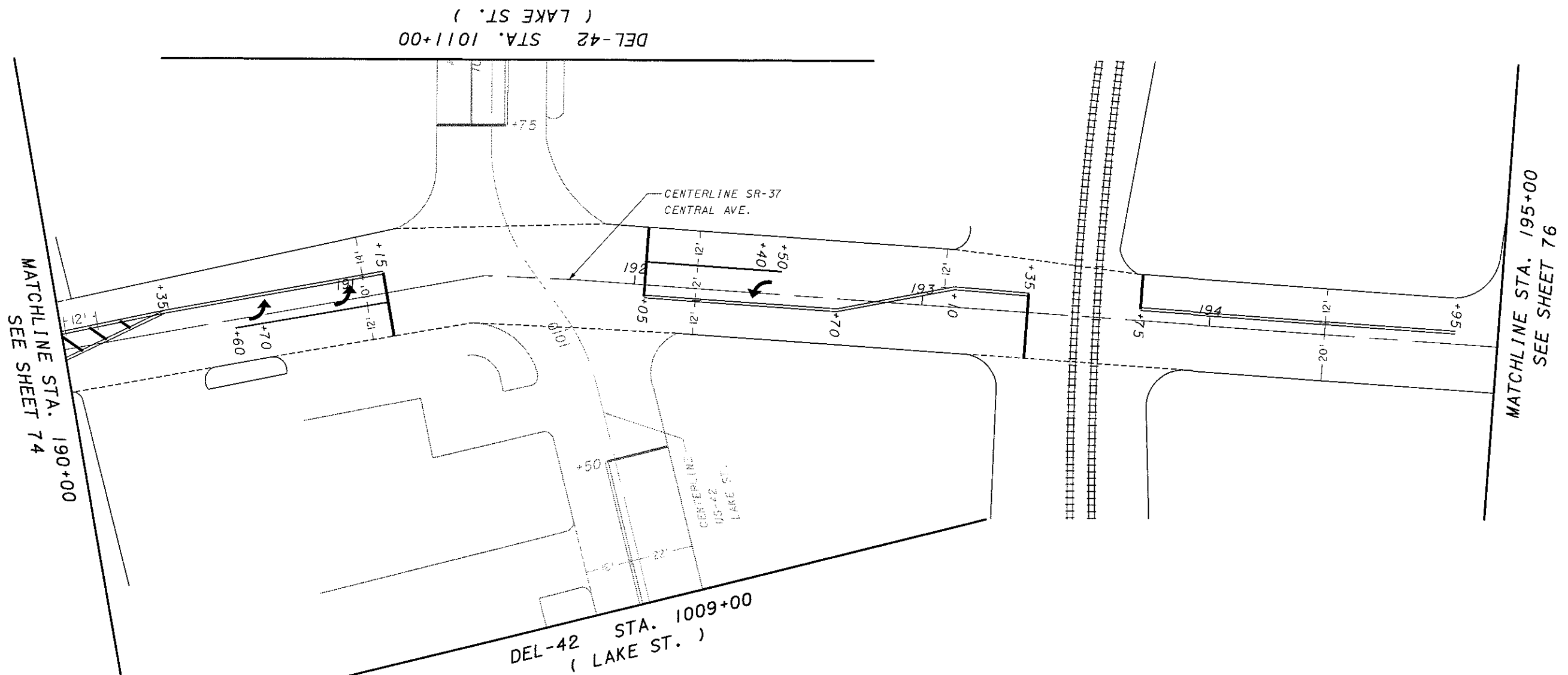
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PLAN VIEW DEL-37 (CENTRAL AVE.)
 STA. 190+00 TO STA. 195+00

DEL-36 - 8.00

75
83

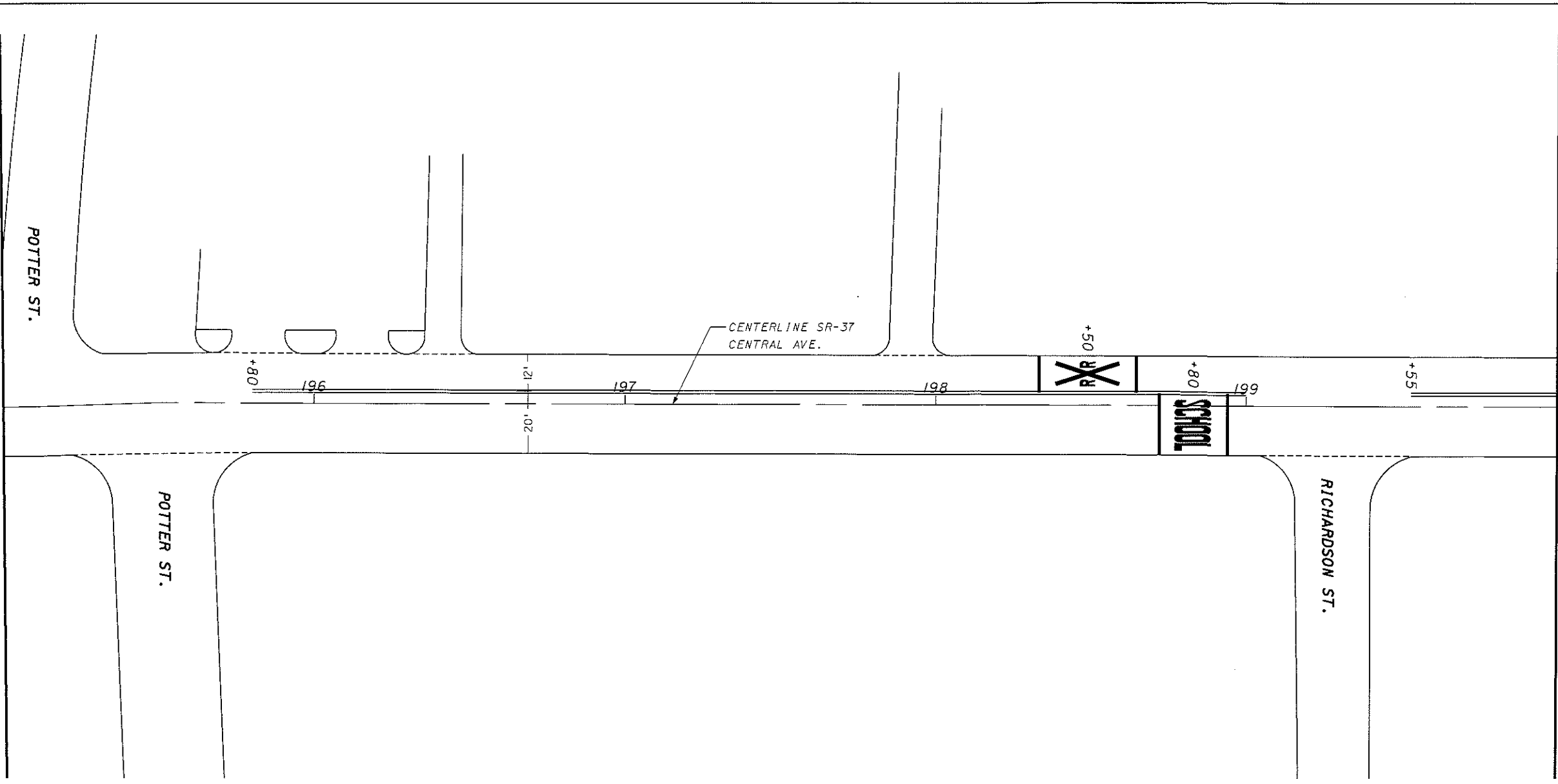


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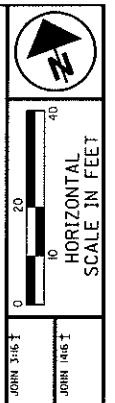
LOCATION							QUANTITIES										REMARKS			
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644	644	644						
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE I-H 1.5"DEPTH CU YD	CENTER LINE MILE	LANE ARROW EACH	CHANNEL-IZING LINE FT	STOP LINE FT	TRANS-VERSE LINE FT						
3	DEL	37	190+00	193+10	3	36'	1240	93	52											
3	DEL	37	193+10	193+75	3	VARIES	246	18	10											
3	DEL	37	193+75	195+00	3	32'	444	33	19											
3	DEL	37	190+00	195+00						0.095									EQ. SOLID LINE MILE = 0.202	
3	DEL	37	190+65	191+15						2	55	22							LEFT TURN	
3	DEL	37	162+05	192+50						1	45	24							LEFT TURN	
3	DEL	37	193+35									24								
3	DEL	37	193+75									12								
3	DEL	37	190+00	190+35										22					YELLOW	
TOTALS CARRIED TO GEN. SUMMARY							1930	144	81	0.095	3	100	82	22						

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MATCHLINE STA. 195+00
SEE SHEET 75



MATCHLINE STA. 200+00
SEE SHEET 77



PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 195+00 TO STA. 200+00

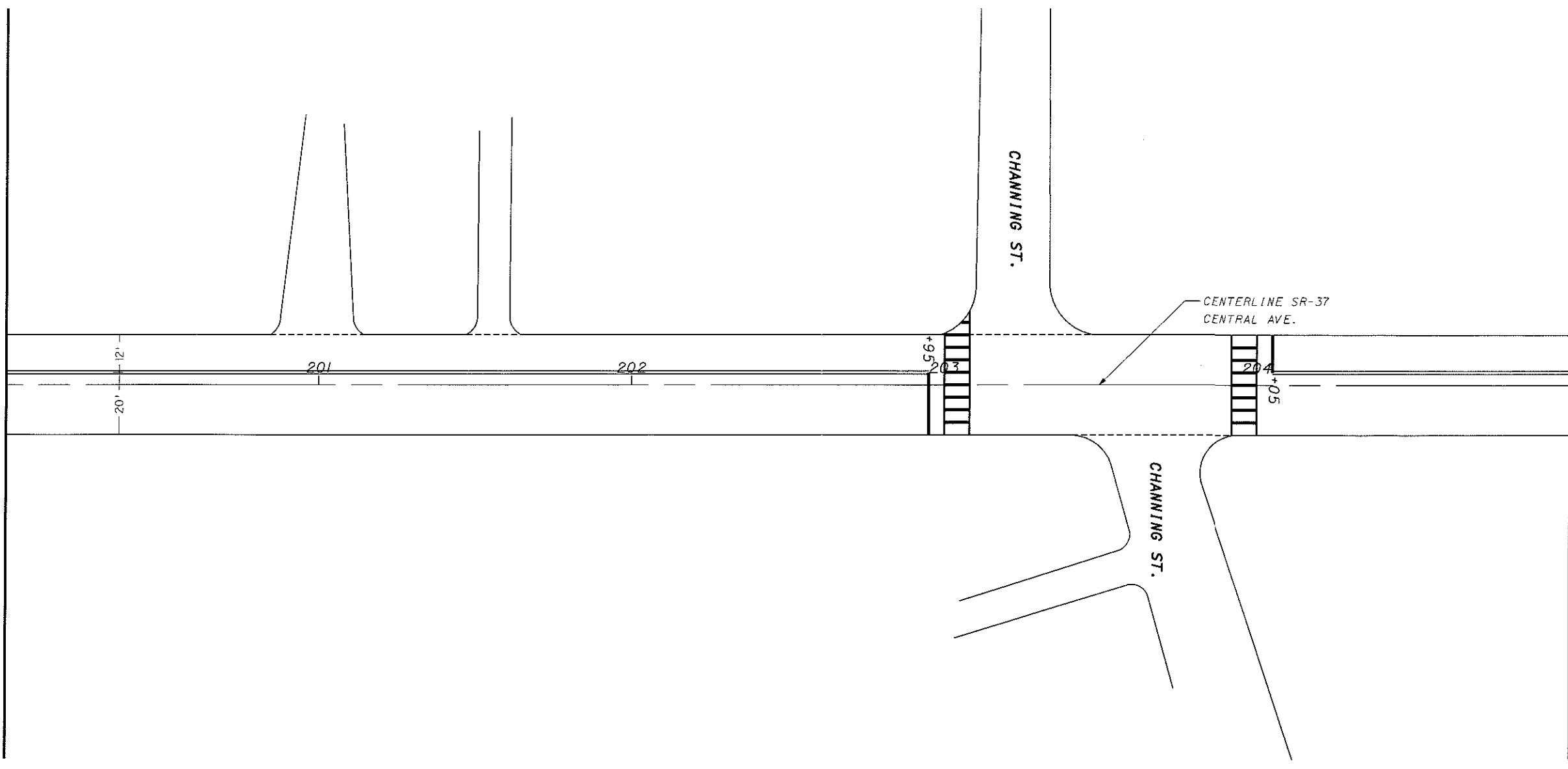
DEL-36-8.00

LOCATION							QUANTITIES										REMARKS				
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644									
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE I-H 1.5"DEPTH CU YD	CENTER LINE MILE	RAILROAD SYMBOL MARKING EACH	SCHOOL SYMBOL MARKING 72" EACH									
3	DEL	37	195+00	200+00	3	32'	1778	133	74												
3	DEL	37	195+00	200+00						0.095											
3	DEL	37	198+50								1										
3	DEL	37	198+80									1									
TOTALS CARRIED TO GEN. SUMMARY							1778	133	74	0.095	1	1									

EQ. SOLID LINE MILE = 0.138
INCLUDES STOP LINE (TC 71-10)



MATCHLINE STA. 200+00
SEE SHEET 76



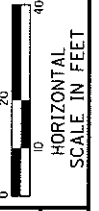
MATCHLINE STA. 205+00
SEE SHEET 78

PLAN VIEW DEL-37 (CENTRAL AVE.)
STA. 200+00 TO STA. 205+00

DEL-36-8.00

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LOCATION						QUANTITIES										REMARKS				
L	C	R	S	S	T	PAVEMENT WIDTH	254	407	448	644	644	644	644							
O	O	O	T	T	Y		PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	TACK COAT 0.075 GAL. SQ YD	ASPHALT SURFACE COURSE TYPE I-H 1.5"DEPTH CU YD	CENTER LINE MILE	STOP LINE FT	CROSS- WALK FT	TRANS- VERSE LINE FT							
3	DEL	37	200+00	205+00	3	32'	1778	133	74											
3	DEL	37	200+00	205+00						0.095										EQ. SOLID LINE MILE = 0.151
3	DEL	37	202+95								20									
3	DEL	37	204+05								12									
3	DEL	37	230+00									65	72							CROSSWALK (WHITE)
3	DEL	37	204+00									65	72							CROSSWALK (WHITE)
TOTALS CARRIED TO GEN. SUMMARY							1778	133	74	0.095	32	130	144							



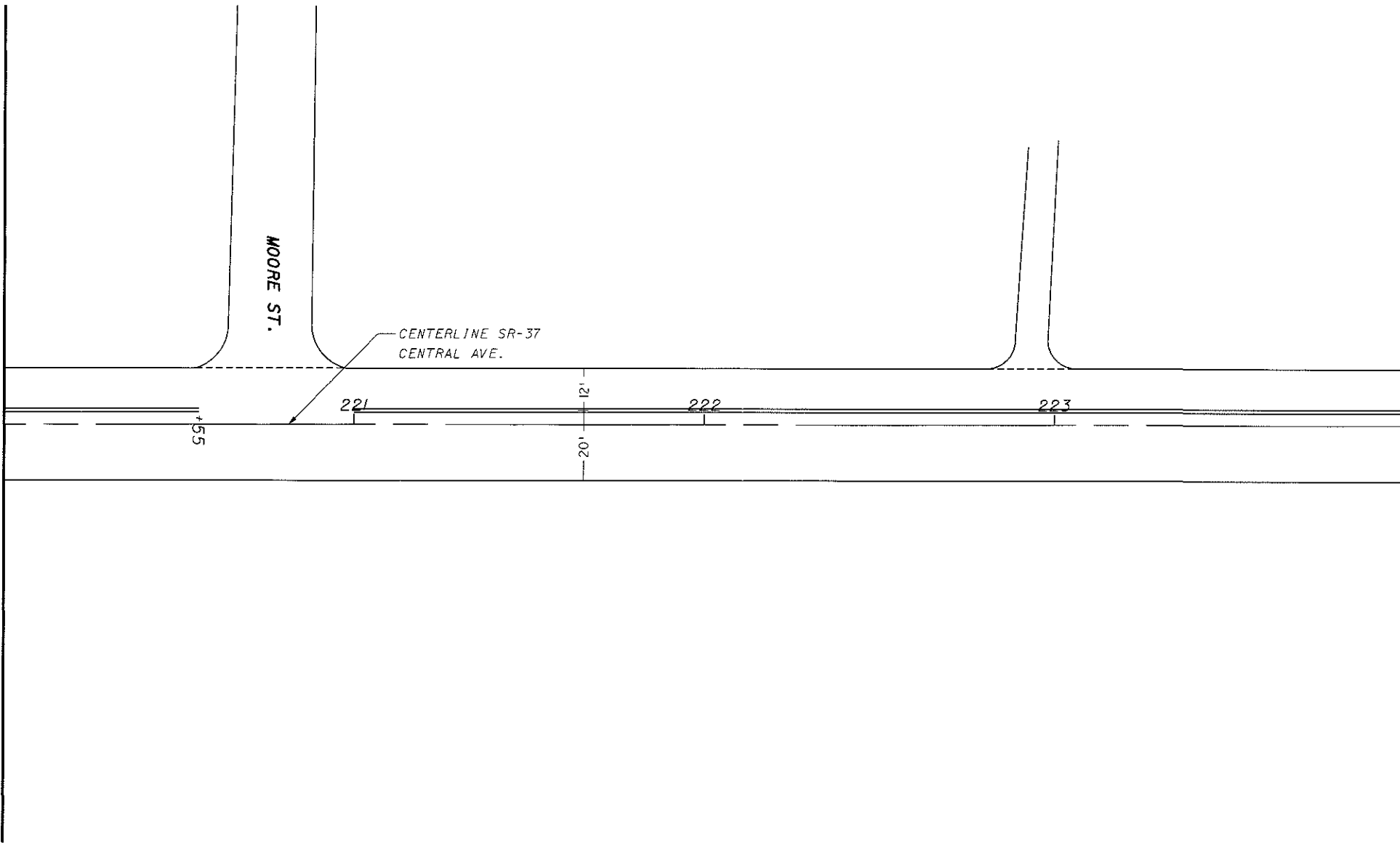
HORIZONTAL SCALE IN FEET

PLAN VIEW DEL-37 (CENTRAL AVE.) STA. 220+00 TO STA. 224+00

DEL-36-8.00

81
83

MATCHLINE STA. 220+00
SEE SHEET 80

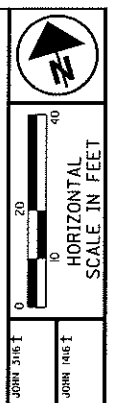


MATCHLINE STA. 224+00
SEE SHEET 82

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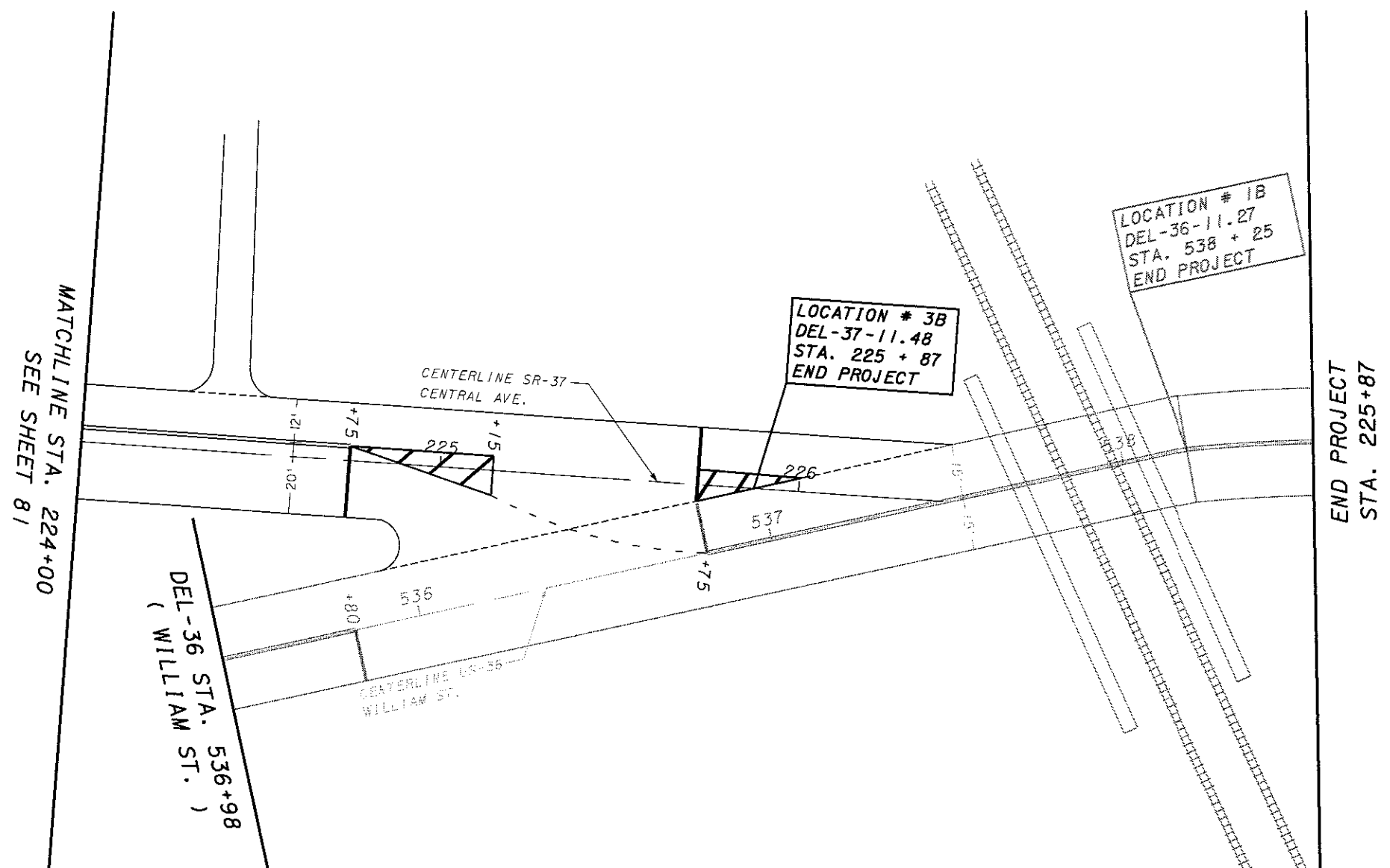
LOCATION						QUANTITIES											REMARKS								
L O C A T I O N	C O U N T Y	R O U T E	S T A T I O N	S T A T I O N	T Y P E	PAVEMENT WIDTH	254 PAVEMENT PLANING ASPHALT 1.5"DEPTH SQ YD	407 TACK COAT 0.075 GAL. SQ YD	448 ASPHALT SURFACE COURSE TYPE 1-H 1.5"DEPTH CU YD	644 CENTER LINE MILE															
3	DEL	37	220+00	224+00	3	32'	1422	107	59	0.076															
3	DEL	37	220+00	224+00																					
TOTALS CARRIED TO GEN. SUMMARY							1422	107	59	0.076															

EQ. SOLID LINE MILE = 0.151



PLAN VIEW DEL-37 (CENTRAL AVE.)
 STA. 224+00 TO
 END PROJECT STA. 225+87

DEL-36 - 8.00



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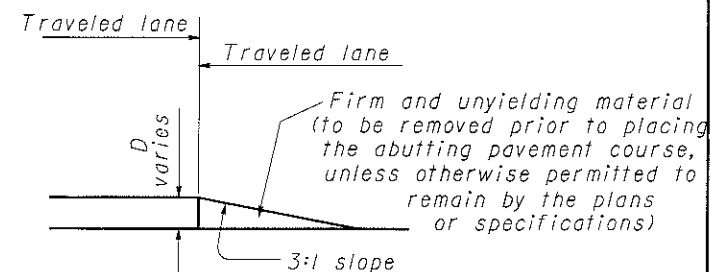
LOCATION						QUANTITIES										REMARKS	
L	C	R	S	S	T	254	407	448	644	644	644	644					
0	0	0	T	T	Y	PAVEMENT	PAVEMENT	TACK	ASPHALT	CENTER	CHANNEL-	TRANS-	STOP				
A	U	U	A	A	P	WIDTH	PLANING	COAT	SURFACE	LINE	IZING	VERSE	LINE				
T	T	E	T	T	I		ASPHALT	0.075	COURSE	LINE	LINE	LINE					
I	Y		I	I	C	1.5"DEPTH		GAL.	TYPE I-H								
O			O	O	A	SQ YD	SQ YD		1.5"DEPTH								
N			N	N	L			CU YD		MILE	FT	FT	FT				
3	DEL	37	224+00	225+87	3	32'	665	50	28								
3	DEL	37	224+00	225+87						0.035						EQ. SOLID LINE MILE = 0.028	
3	DEL	37	224+75	225+15								27				YELLOW TRANSVERSE	
3	DEL	37	225+70	226+00							67	18				WHITE TRANSVERSE	
3	DEL	37	224+75										20				
3	DEL	37	225+70										12				
3	DEL	37	225+15	225+75												YELLOW	
TOTALS CARRIED TO GEN. SUMMARY						32	665	50	28	0.035	67	45	32				

GENERAL NOTES

- It is intended that this drawing be used for treatment of drop-offs that develop during construction operations, and that are not otherwise provided for in the construction plans. Where the plans do not provide specific items for labor, equipment, or materials to implement the drop-off treatments specified hereon, they shall be included for payment in the lump sum bid for Item 614 - Maintaining Traffic.
- While the need for certain advisory signing is noted hereon, it is not intended that this be indicative of all signing that may be required to advise or warn motorists, and all requirements of the Ohio Manual of Uniform Traffic Control Devices (OMUTCD) must be fulfilled.
- In urban or otherwise heavily developed areas where pedestrians and/or bicyclists may be present in significant numbers, additional signing and protective measures other than those shown hereon may be required.
- The drop-off treatment selected for use at any given location shall be as appropriate for the prevailing conditions at the site.
- Where concrete barrier is specified, it shall be in accordance with Standard Construction Drawing MC-9.2 and Item 622.
- When drums are specified for a dropoff condition, a minimum number of four drums shall be used. Spacing shall be as indicated in the plans or as specified in the OMUTCD.
- When OW-151 (Low Shoulder) signs or OW-171 (Uneven Lanes) and OWP-171 signs are required, they shall be placed 750' in advance of the condition, on all intersecting entrance ramps within the limits of the condition and immediately beyond all intersecting roadways within the limits of the condition. When the dropoff condition extends more than one-half mile, additional signs should be erected at intervals of one mile or less.
- For locations, such as at ramps, lane shifts, lane closures, etc., where traffic is required to negotiate any difference in elevation between pavements, a 3:1 slope treatment similar to the Optional Wedge Treatment shall be provided.
- Portable concrete barrier shall be placed on the same level as the traffic surface and shall not encroach on lane width(s) designated as the minimum required for traffic use. Where drums are used, and their presence would reduce traveled lane widths to less than 10', drums may be placed on the opposite level from that of traffic provided the dropoff depth does not exceed 5" and approval is granted by the Project Engineer.
- Pavement Repairs (or similar work):
 - Lengths greater than 60 feet - utilize appropriate treatment from Condition I.
 - Lengths of 60 feet or less - repairs shall be effected in accordance with 255.08. Drums may be used as a separator adjacent to the traveled lane.

OPTIONAL WEDGE TREATMENT (MILLING OR RESURFACING)

- This treatment may be used when permitted for Condition I only.
- OW-171 and OWP-171 signs required.

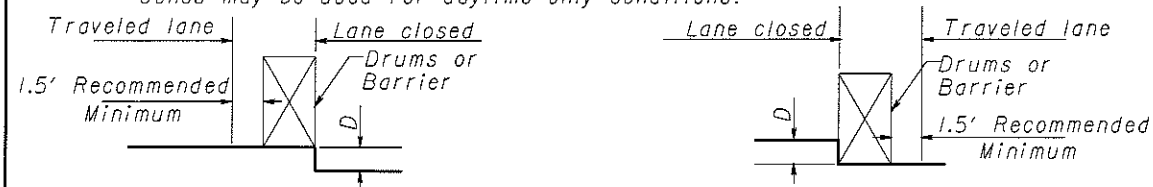


CONDITION I DROPOFFS BETWEEN TRAVELED LANES

- These treatments are to be used for resurfacing, pavement planing, excavation, etc. between or within traveled lanes.

D (In.)	Treatment
≤ 1/2	Erect OW-171 and OWP-171 signs.
> 1/2 - 3	1) Lane closure utilizing drums* as shown below OR 2) Optional Wedge Treatment
> 3 - 5	Lane closure utilizing drums as shown below.
> 5	Lane closure utilizing portable concrete barrier as shown below.

*Cones may be used for daytime only conditions.

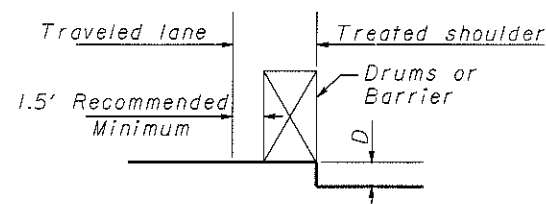


CONDITION II DROPOFFS WITHIN GRADED SHOULDER AREA

- The treatments indicated below are for use in conjunction with resurfacing, planing, or excavations within the graded shoulder area.
- The graded shoulder area is that flat or gradually sloping area between the edge of a normally traveled lane and the more steeply sloping ditch foreslope or embankment slope. Its surface may be soil or turf, and/or it may be inclusive of a "treated" area (improved with aggregates, asphaltic materials, or concrete). For the purposes herein, its maximum width shall be considered to be twelve (12) feet.

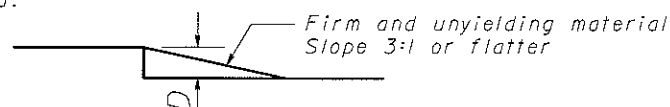
D (In.)	Treatment
≤ 1/2	1) If edgelines are present, no treatment necessary OR 2) Erect OW-171 and OWP-171 signs.
> 1/2 - 5	1) If min. lane width* requirements can be met, maintain lanes utilizing drums as shown below OR 2) If min. lane width* requirements cannot be met, close adjacent lane utilizing drums OR 3) Optional Shoulder Treatment.
> 5 - 12 Daylight only	If min. lane width* requirements can be met, maintain lanes utilizing drums as shown below.
> 5 - 24	1) If min. lane width* requirements can be met, maintain lanes utilizing portable concrete barrier as shown below. OR 2) If min. lane width* requirements cannot be met, close adjacent lane utilizing drums.
> 24	Lane closure utilizing portable concrete barrier as shown below.

*Minimum lane widths shall be 10' unless otherwise specified in the plans.



OPTIONAL SHOULDER TREATMENT

- This treatment may not be used within a bituminous shoulder where a hot longitudinal joint per 401.15 is required.
- OW-151 signs required.



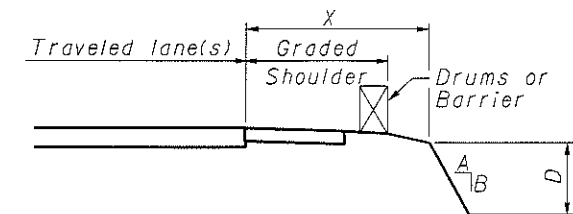
CONDITION III

DROPOFFS BEYOND GRADED SHOULDER OR BACK OF CURB

- See Note 2 under Condition II.
- Use Chart A or B below, as applicable.

CHART A

- USE FOR:
- Uncurbed Facilities.
 - Curbed Facilities, where:
 - Curbs are less than 6" in height.
 - Curbs are 6" or greater in height and the legal speed is greater than 40 mph.

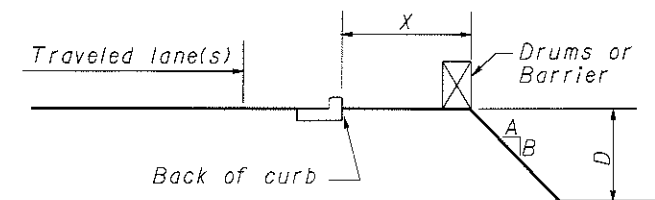


X (Ft.)	D (In.)	A/B	Treatment Required	
			Day	Night
0-4	Any	Any	(a)	(a)
4-30	Any	3:1 or Flatter	None	None
4-12	< 3	Steeper than 3:1	None	None
4-12	> 3 - < 12	Steeper than 3:1	Drums	Drums
4-12	> 12	Steeper than 3:1	Drums	Barrier
> 12 - 20	< 12	Steeper than 3:1	None	None
> 12 - 20	> 12 - < 24	Steeper than 3:1	Drums	Drums
> 12 - 20	> 24	Steeper than 3:1	Drums	Barrier
> 20 - 30	< 24	Steeper than 3:1	None	Drums
> 20 - 30	> 24	Steeper than 3:1	Drums	Barrier
> 30	Any	Any	None	None

(a) Use treatment specified under Condition II.

CHART B

- USE FOR: Curbed facilities, where the curb is 6" or greater in height and the legal speed is 40 mph or less.



X (Ft.)	D (In.)	A/B	Treatment Required	
			Day	Night
0-10	< 12	Any	None	Drums
0-10	> 12	Any	Drums	Drums
> 10	Any	Any	None	None

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