FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE NO. 1 M-2A28(1)	

1/55

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

ISSUE ONE
M-2A28(1)

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
MYRON STREET
CITY OF HUBBARD
TRUMBULL COUNTY

CONVENTIONAL SIGNS

FENCE LINE
UTILITY POLES — POWER, TELEPH., COMBINATION
MAIL BOX
TREES & STUMPS
TREES & STUMPS TO BE REMOVED
CENTER LINE OF ROAD
PROPERTY LINE
EXISTING RIGHT-OF-WAY
PROPOSED RIGHT-OF-WAY
GUARD RAIL — EXIST. PROP.
GAS VALVE - G.V., WATER VALVE - W.V., FIRE HYDRANT - F.H.
EASEMENT LINE
RAILROAD LINE

INDEX OF SHEETS

TITLE SHEET 1
SCHEMATIC PLAN 2
TYPICAL SECTION 3-4
GENERAL NOTES 5-6-7
ELEVATION TABLE 6
CALCULATIONS 6-7
GENERAL SUMMARY 8-9
MYRON ST.
PLAN & PROFILE 10-19
CROSS SECTIONS 20-34
STEWART AVE & JACKSON ST.
PLAN & PROFILE 35
CROSS SECTIONS 36
DRIVEWAY PROFILES 37-42
DRAINAGE DETAILS 43
INTERSECTION DETAILS 44
RIGHT OF WAY 46-55

No. 45 NOT USED

LINE DATA

ISSUE NO. 1

BEGIN PROJECT STA. 7+15
END PROJECT STA. 23+33.26
ISSUE 1 LENGTH OF PROJECT = 1618.26 LIN. FT. OR 0.306 MILE

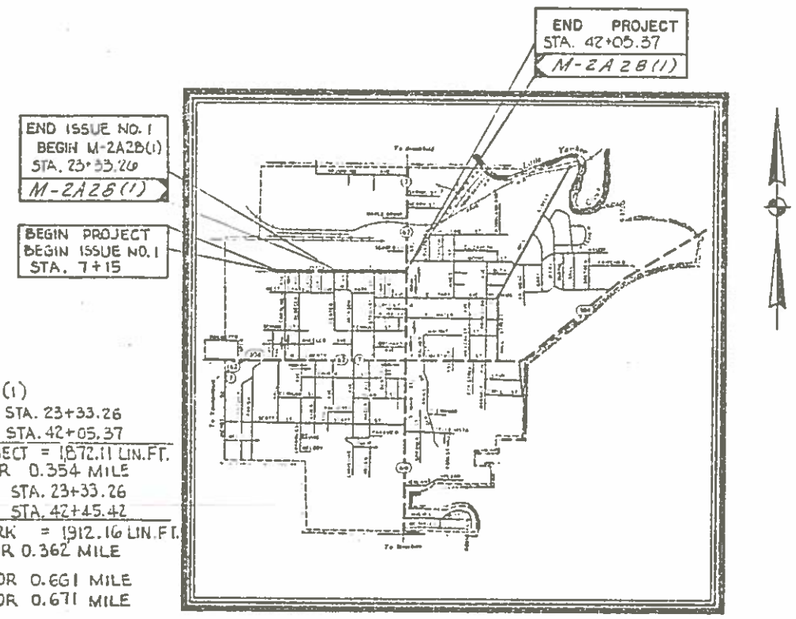
BEGIN WORK STA. 7+00
END WORK STA. 23+33.26
ISSUE 1 LENGTH OF WORK = 1,633.26 LIN. FT. OR 0.309 MILE

M-2A28(1)

BEGIN PROJECT STA. 23+33.26
END PROJECT STA. 42+05.37
M-2A28(1) LENGTH OF PROJECT = 1,872.11 LIN.FT. OR 0.354 MILE

BEGIN WORK STA. 23+33.26
END WORK STA. 42+45.42
M-2A28(1) LENGTH OF WORK = 1912.16 LIN.FT. OR 0.362 MILE

TOTAL LENGTH OF PROJECT = 3,490.37 LIN.FT. OR 0.661 MILE
TOTAL LENGTH OF WORK = 3,545.42 LIN.FT. OR 0.671 MILE



LOCATION PLAN

0 2000 4000 6000 8000
SCALE IN FEET

PORTION TO BE IMPROVED
STATE HIGHWAYS
OTHER HIGHWAYS
DETOUR

SCALES

PLAN 0 20 40
PROFILE: HORIZONTAL 0 20 40
PROFILE VERTICAL 0 5 10
CROSS SECTIONS 0 5 10

DESIGN DESIGNATION

CURRENT ADT - 1050
DESIGN ADT(1995) - 2300
DHV - 300
T - 10%
V - 35 MPH
D - 60%

1975 SPECIFICATIONS

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

THE RIGHT OF WAY FOR THIS IMPROVEMENT WILL BE PROVIDED BY THE CITY OF HUBBARD.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEET 5, AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON THE PLANS.

APPROVED _____
DATE _____ SAFETY-SERVICE DIRECTOR

APPROVED William M. Goldsmith P.E.
DATE 8-7-75 DISTRICT DEPUTY DIRECTOR OF TRANSPORTATION

APPROVED Robert B. Pfeifer
DATE 6-3-76 ENGINEER, BUREAU OF BRIDGES

APPROVED E. J. [illegible]
DATE 7-2-76 ENGINEER, BUREAU OF ROADWAY DESIGN

APPROVED John B. Ellis
DATE 7-2-76 ASSISTANT DEPUTY DIRECTOR OF HIGHWAY DESIGN

APPROVED [illegible]
DATE 7/2/76 ASSISTANT DEPUTY DIRECTOR OF REAL ESTATE

APPROVED Howard E. [illegible]
DATE 7-2-76 ASSISTANT DEPUTY DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED R. E. Eath[illegible]
DATE [illegible] CHIEF ENGINEER, DESIGN

APPROVED _____
DATE _____ CHIEF ENGINEER, CONSTRUCTION

APPROVED David L. [illegible]
DATE 7-2-76 ASSISTANT DIRECTOR, DEPARTMENT OF TRANSPORTATION

APPROVED Richard D. [illegible]
DATE 7-[illegible] DIRECTOR, DEPARTMENT OF TRANSPORTATION

PREPARED AND RECOMMENDED BY
MOSURE - FOK & SYRAKIS CO. LTD.
CONSULTING ENGINEERS
YOUNGSTOWN, OHIO

FILE NO.	CITY OF HUBBARD, TRUMBULL COUNTY MYRON ST.
	DATE OF LETTING 197
	CONTRACT NO.

STANDARD DRAWINGS						Supplemental Specifications	
BP-5	8-11-75	MC-1	6-13-69			814	1-1-69
BP-6	6-1-65	MC-3	6-1-73			1001	4-19-76
BP-7	1-1-66	MH-3	6-12-75			941	11-28-73
CB-22A & B	6-1-65	MH-5	6-12-75			803	1-23-76
CB-3	1-1-76	SP-12	8-11-75			836	3-12-75
CB-3A	1-1-76						
HW-4	1-1-70						
MC-4	6-13-69						
MH-1	6-12-75						
L-1	6-1-73						

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

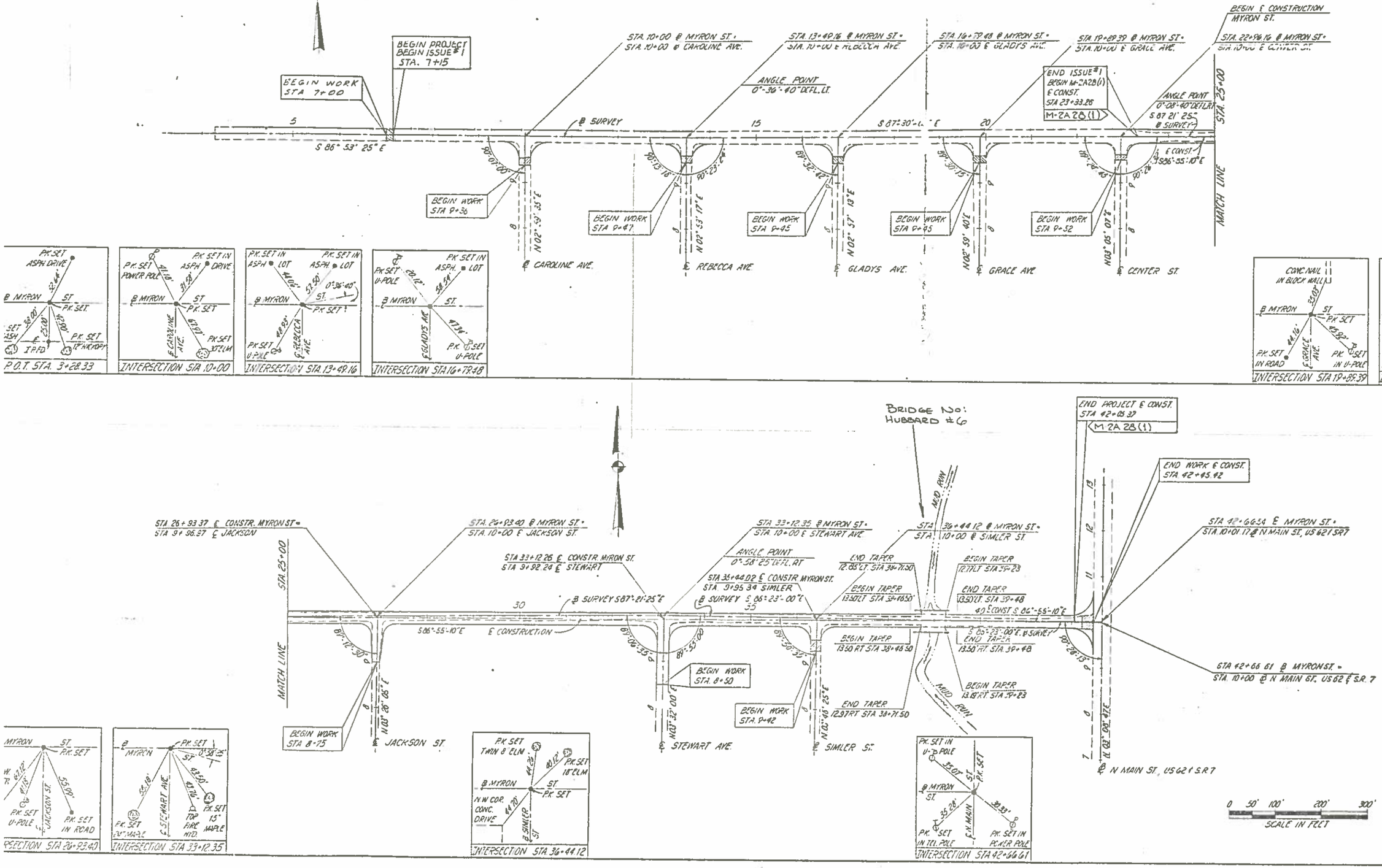
DIVISION ADMINISTRATOR DATE

COMPUTED BY WC DATE 4-1-74
CHECKED BY RW DATE 4-8-74

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28(1)	

SCHEMATIC PLAN

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY



SCHEMATIC PLAN

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1 M 2A 28 (1)	

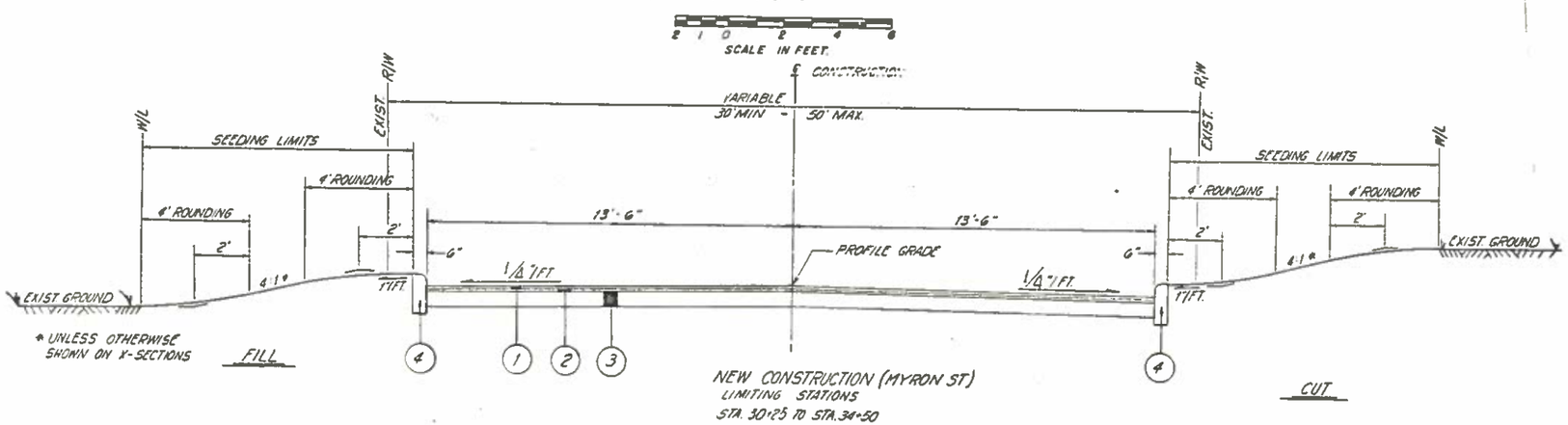
3 / 55

COMPUTED W.C. 5-23-74
CHECKED R.O.W. 5-24-74

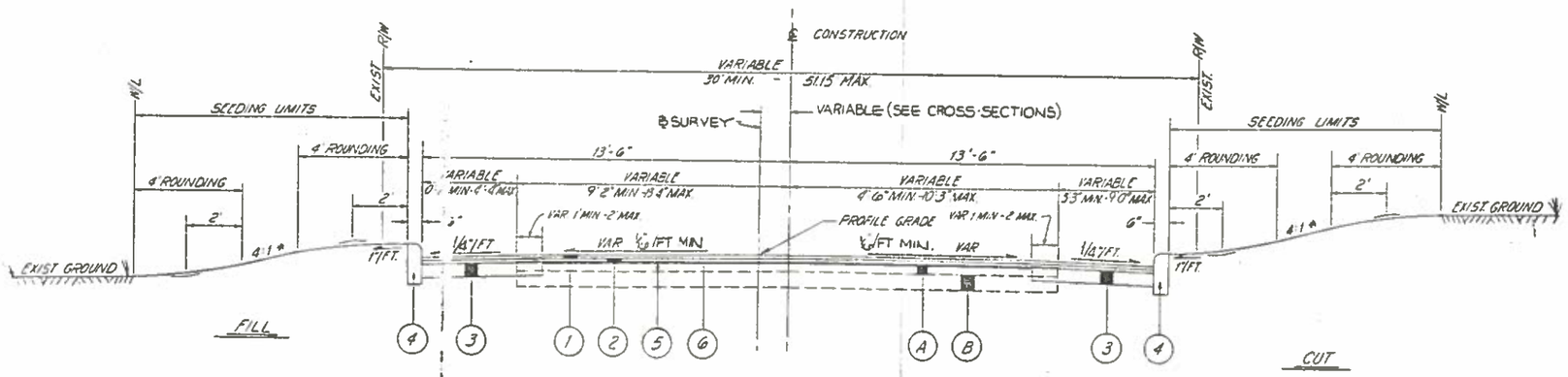
CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

TYPICAL SECTIONS

TYPE 404



NEW CONSTRUCTION (MYRON ST)
LIMITING STATIONS
STA. 30+25 TO STA. 34+50



WIDENING & RESURFACING (MYRON ST.)
LIMITING STATIONS
STA. 22+75.5 TO STA. 30+25
STA. 34+50 TO STA. 38+71.50
STA. 39+23 TO STA. 42+45.42

STA. 38+71.50 TO STA. 39+23
(BRIDGE LIMITS - No widening)

NOTES: PAVEMENT CONSTRUCTION AT WIDENING OF INTERSECTIONS WILL BE SAME AS NEW CONSTRUCTION MYRON ST.

CURB ENDS SHALL BE TRANSITIONED IN HEIGHT FROM 6" TO 2" IN 5'-0".

—LEGEND—

- ITEM 404 - 1 1/4" Asphalt Concrete (AC-20)
- ITEM 402 - 1 1/4" Asphalt Concrete (AC-20)
- ITEM 301 - 7" Bituminous Aggregate Base, 702.01 (AC-20) or 702.09 RT-11 or RT-12
- ITEM 609 - Std Type 6 Curb
- ITEM 407 - Tack Coat 702.04, SS-1, SS-1H, MS-2 or RS-1; or 702.02, RC-250 Applied @ 0.10 Gal. per Sq. Yd.
- ITEM 403 - 0" Min Asphalt Concrete leveling (AC-20)
- Existing Asphalt Concrete Pavement
- Existing Slag Base

Rev. 7-19-76

TYPICAL SECTIONS

TYPICAL SECTIONS

TYPE 404

SCALE IN FEET. (2 1 0 2 4 6)

COMPUTED BY W.C. 5-29-74
CHECKED BY RDW 5-31-74

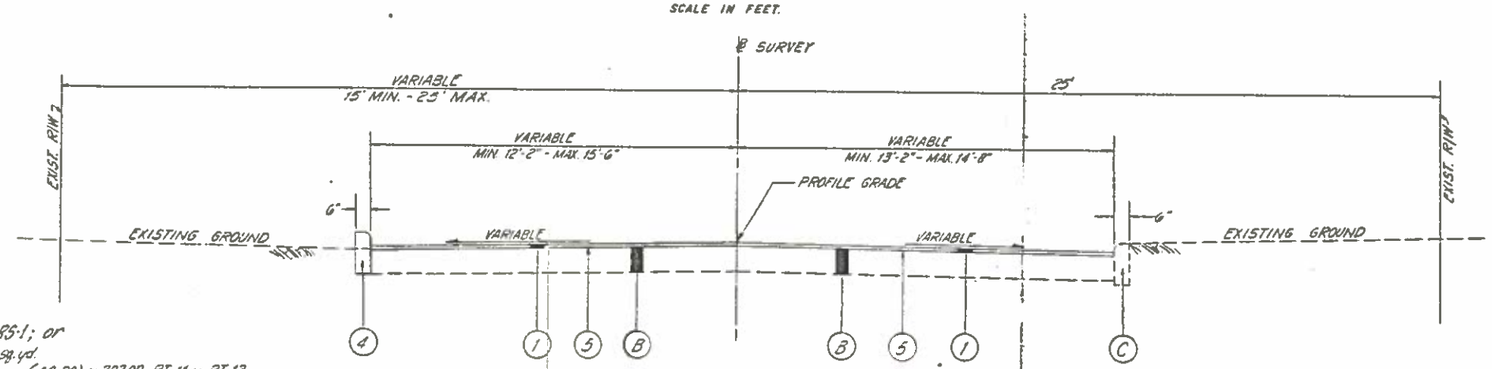
FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28(1)	

4 / 55

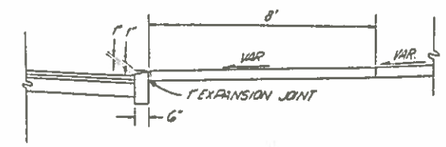
CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

— LEGEND —

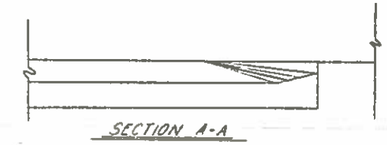
- (1) ITEM 404 - 1¼" Asphalt Concrete (AC-20)
- ITEM 402 - 1¼" Asphalt Concrete (AC-20)
- (4) ITEM 609 - Std. Type 6 Curb
- ITEM 407 - Tack Coat 702.04, SS-1, SS-1H, MS-2 or RS-1; or 702.02, RC-250 applied @ 0.10 gal per sq. yd.
- (7) ITEM 301 - 5" Bituminous Aggregate Base 702.01 (AC-20) or 702.09 RT-11 or RT-12
- ITEM 608 - 4" Concrete Walk
- (B) Existing Asphalt Concrete Pavement on Slag Base
- Existing 6" Concrete Curb



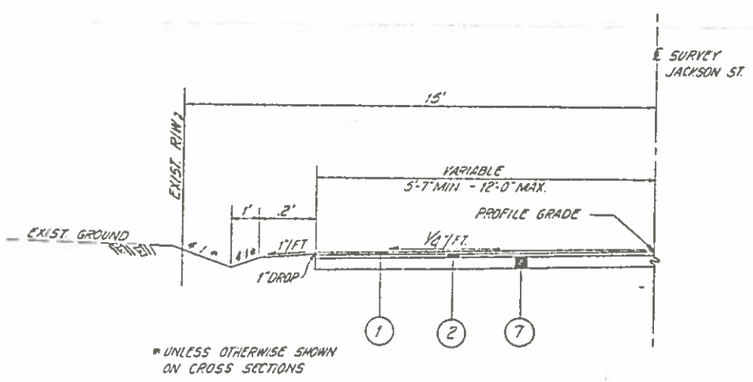
MYRON ST. RESURFACING
LIMITING STATIONS
STA 7+15 TO STA. 22+75.5



SECTION B-B

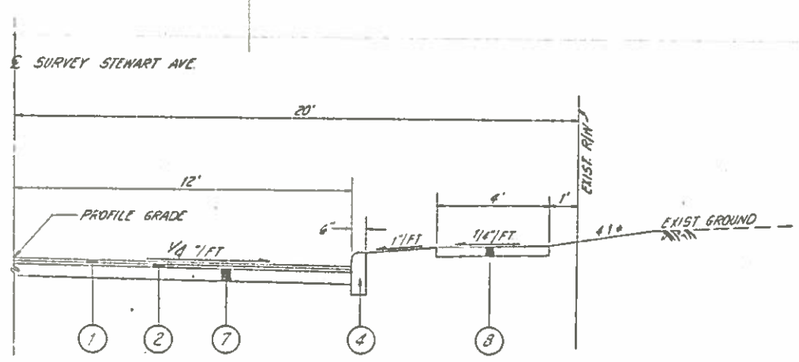


SECTION A-A

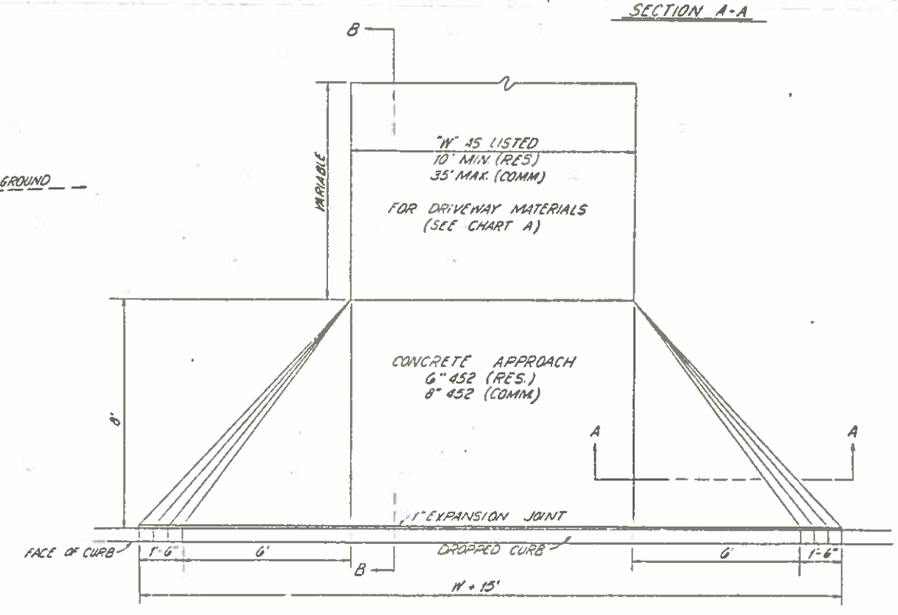


* UNLESS OTHERWISE SHOWN ON CROSS SECTIONS

NEW CONSTRUCTION - JACKSON ST.
STA. 9+00 - STA 9+43.96



NEW CONSTRUCTION - STEWART AVE.
STA 8+50 - STA. 9+43.96



TYPICAL PLAN OF DRIVEWAY APPROACH

NOTE: FOR DRIVE PROFILES SEE SHEETS #37 - #41

CHART A

EXISTING DRIVE	REPLACEMENT MATERIAL	
	RESIDENTIAL	COMMERCIAL
ASPHALT	1" 404 - ASPHALT CONCRETE ON 4" 301	1" 404 - ASPHALT CONCRETE ON 5" 301
SLAG	1" 404 - ASPHALT CONCRETE ON 4" 301	1" 404 - ASPHALT CONCRETE ON 5" 301
CONCRETE	6" 452 - PLAIN PORTLAND CEMENT CONC. PAVEMENT	8" 452 - PLAIN PORTLAND CEMENT CONC. PAVEMENT

GENERAL NOTES

COMPUTED BY W.C. DATE 5-21-74			
CHECKED BY R.W. DATE 5-21-74			
FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28(1)	

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

IELD OFFICE

HE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A INIMUM OF 300 SQ. FT. OF FLOOR SPACE AND IN ADDITION TO THE EQUIREMENTS OF ITEM 619, HE SHALL PROVIDE AND MAINTAIN SANITARY ROVISIONS AS PER 107.06. ALL THE ABOVE IS INCLUDED IN THE UMP SUM PRICE BID FOR ITEM 619, FIELD OFFICE.

OUNDING OF CORNERS SHOWN ON CROSS SECTIONS

HE ROUNDED CORNERS SHOWN ON THE TYPICAL SECTIONS, APPLY TO L CROSS SECTIONS EVEN THOUGH OTHERWISE SHOWN ON THESE PLANS.

STIMATED QUANTITIES

PECIFIC LOCATIONS AND USAGE OF ESTIMATED QUANTITIES SET UP THIS PLAN TO BE USED "AS DIRECTED BY THE ENGINEER" SHALL MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL HANGE ORDER GOVERNING COMPLETION OF THIS PROJECT. ESTIMATED UANTITIES OF MATERIALS SHALL NOT BE ORDERED FOR DELIVERY TO HE PROJECT UNLESS AUTHORIZED BY THE ENGINEER.

ARIABLE THICKNESS LEVELING COURSE

QUANTITY OF "0" INCH MINIMUM THICKNESS ASPHALT CONCRETE PRELEVELING OURSE MATERIAL HAS BEEN PROVIDED HEREIN. THIS MATERIAL IS TO BE USED ALL SALVAGE SECTIONS AS SHOWN ON THE PLANS OR DIRECTED BY THE NGINEER. THE COURSE SHALL BE PLACED IN LAYERS NOT TO EXCEED INCHES IN THICKNESS AFTER COMPACTION.

LEVATION DATUM

L ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. DATUM.

EEDING

UANTITIES FOR SEEDING AND SODDING ARE CALCULATED FOR THE SOIL REAS BETWEEN THE WORK LIMITS, AS SHOWN ON THE CROSS SECTION.

NTERSECTIONS

XCESSIVE CROWN AT INTERSECTIONS SHALL BE WORKED OUT AS IRECTED BY THE ENGINEER.

ANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED

HE CASTINGS SHALL BE CAREFULLY REMOVED AND STORED WITHIN HE RIGHT-OF-WAY FOR SALVAGE BY THE CITY OF HUBBARD FORCES. AYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE NIT PRICE BID FOR THE PERTINENT 202 ITEM OR THE 604 ECONSTRUCTED TO GRADE ITEM.

RKING AREAS

L PAVED AREAS OUTSIDE THE PROPOSED CURB THAT ARE DISTURBED RING CONSTRUCTION SHALL BE REPLACED IN KIND TO ITS ORIGINAL NDITION AS DIRECTED BY THE ENGINEER

ESTIMATED QUANTITIES

ITEM 301 BITUMINOUS AGGREGATE BASE 54 CU. YDS.
ITEM 404 ASPHALT CONCRETE 10 CU. YDS.

IST CONTROL ~ M-2A28(1)

TER AND CALCIUM CHLORIDE USED AS A DUST PALLIATIVE SHALL FURNISHED AND APPLIED BY THE CONTRACTOR IN ACCORDANCE WITH E PROVISIONS OF ITEM 616, AT THE TIME, LOCATIONS, AND IN E AMOUNT DIRECTED BY THE ENGINEER.

ESTIMATED QUANTITIES

ITEM 616 - WATER 54 M.GAL.
ITEM 616 - CALCIUM CHLORIDE 10 TON

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE STATE OF OHIO DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS.

UTILITIES

THE CONTRACTOR SHALL NOTIFY, AT LEAST SEVEN (7) WORKING DAYS BEFORE BREAKING GROUND, ALL PUBLIC SERVICE CORPORATIONS HAVING WIRES, POLES, PIPES, CONDUIT, MANHOLES, OR OTHER STRUCTURES, WHICH MAY BE AFFECTED. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO AVOID DAMAGES TO ANY AND ALL UTILITIES. ANY AND ALL WORK REQUIRED FOR PUBLIC OR PRIVATE UTILITIES WILL BE DONE BY AND AT THE EXPENSE OF THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE SHOWN ON THESE PLANS.

THE EAST OHIO GAS COMPANY
101 E. BOARDMAN STREET
YOUNGSTOWN, OHIO 44503
216-746-3221

THE OHIO EDISON COMPANY
25 E. BOARDMAN STREET
YOUNGSTOWN, OHIO 44503
216-747-2071

THE OHIO BELL TELEPHONE CO.
101 W. BOARDMAN STREET
YOUNGSTOWN, OHIO 44503
216-746-9921

UTILITY DEPARTMENT (WATER, SEWER & POWER)
CITY OF HUBBARD
13 W. LIBERTY STREET
HUBBARD, OHIO 44425
216-534-3054

ITEM 407 TACK COAT & COVER AGGREGATE

ALTHOUGH THIS ITEM HAS BEEN ESTIMATED FOR USE ON THE ENTIRE EXISTING BITUMINOUS PAVEMENT AREA TO BE RESURFACED, IT SHALL BE USED ONLY ON DRY OR CHECKED PAVEMENT AREAS WHERE SPECIFICALLY DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE ON FINAL MEASUREMENT.

MAINTAINING TRAFFIC~ M-2A28(1)

THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM 614. THROUGH TRAFFIC ON MYRON STREET SHALL BE DETOURED VIA: N. MAIN STREET, W. LIBERTY STREET AND CAROLINE STREET. ACCESS TO ABUTTING PROPERTY OWNERS SHALL BE MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM 614. TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES THROUGH THE CAROLINE STREET INTERSECTION. MAXIMUM USE SHALL BE MADE OF THE EXISTING PAVEMENT FOR TRAFFIC MAINTENANCE, HOLDING THE LENGTH AND DURATION OF THE USE OF TEMPORARY TRAFFIC LANES TO AN ABSOLUTE MINIMUM AND IN ALL CASES SUBJECT TO THE APPROVAL OF THE ENGINEER.

QUANTITIES FOR TEMPORARY ROADWAYS AND TEMPORARY DRIVE APPROACHES ARE INCLUDED IN THE FOLLOWING:

ITEM 410 TRAFFIC COMPACTED SURFACE TYPE A OR B 100 CU. YDS.
ITEM 410 TRAFFIC COMPACTED SURFACE TYPE C 100 CU. YDS.
ITEM 616 CALCIUM CHLORIDE 6 TON
ITEM 616 WATER 6 M. GAL.

REMOVAL OF EXISTING PIPE

THE REMOVAL OF ALL EXISTING PIPE DRAINS WHICH WOULD NORMALLY BE REMOVED IN VARIOUS EXCAVATION ITEMS SHALL BE INCLUDED FOR PAYMENT IN THE UNIT PRICES BID FOR THE RESPECTIVE EXCAVATION ITEMS, UNLESS OTHERWISE ITEMIZED IN THE PLANS.

MONUMENTS

MONUMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN ON STANDARD DRAWING MC-1. FOR LOCATION SEE CENTERLINE SURVEY PLAT SHEET NO. 40
ESTIMATED QUANTITIES ~ ITEM 604 MONUMENT ASSEMBLIES
M-2A28(1) 5 EACH
ISSUE #1 3 EACH

CONNECTIONS TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO, OR TO CROSS EITHER OVER OR UNDER THE EXISTING SEWER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE BOTH AS TO LINE AND GRADE BEFORE HE STARTS TO LAY THE PROPOSED CONDUIT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 603 CONDUIT ITEMS.

WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR EROSION AND SILTATION CONTROL MEASURES:

		ISSUE 1	M-2A28(1)
207	TEMPORARY SEEDING AND MULCHING	107 SQ.YD	459 SQ.YD.
207	WATER	0.2 M.GAL.	1.0 M.GAL.
207	TEMPORARY SLOPE DRAINS	0 LIN. FT.	0 LIN.FT.
207	TEMPORARY BENCHES, DIKES AND SEDIMENT BASINS DAMS	3 CU. YD.	7 CU.YD.
207	MOWING	1 M SQ. FT.	5 M.SQ.FT.
659	COMMERCIAL FERTILIZER (12-12-12)	.01 TON	.02 TON
659	REPAIR SEEDING AND MULCHING	27 SQ. YD.	115 SQ.YD.

ROOF DRAINS

ALL ROOF DRAINS WHICH ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS UNDER THE DIRECTION OF THE ENGINEER.

THE LOCATION, TYPE, SIZE AND GRADE OF REQUIRED REPLACEMENTS SHALL BE DETERMINED BY THE ENGINEER, DURING THE CONSTRUCTION AND PAYMENT SHALL BE MADE ON LINEAL REQUIREMENTS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

	ISSUE 1	M-2A28(1)
ITEM 603 - 4" CONDUIT, TYPE C	10 LIN. FT.	10 LIN. FT.
ITEM 603 - 4" CONDUIT TYPE E	30 LIN. FT.	30 LIN. FT.

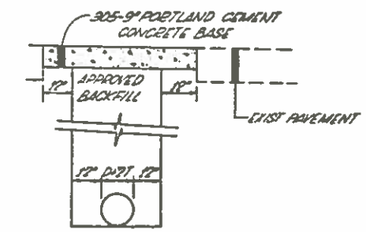
PAYMENT FOR THE ABOVE ITEMS WILL BE MADE AT THE CONTRACT UNIT PRICE BID PER LINEAL FT. FOR ITEM 603 - 4" CONDUIT TYPE "E" OR "C" INCLUDING COUPLING AND FITTINGS AS PER PLAN, WHICH PRICE AND PAYMENT SHALL CONSTITUTE FULL COMPENSATION FOR THE FURNISHINGS OF ALL LABOR, MATERIAL, SMALL TOOLS AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

NONE OF THE ABOVE MATERIAL SHALL BE ORDERED BY THE CONTRACTOR UNTIL AUTHORIZED BY THE ENGINEER. SEE DETAIL THIS SHEET

MANHOLES, INLETS AND CATCH BASINS

ALL MANHOLES, AND CATCH BASINS SHOWN BY THE PLANS ARE STATIONED AND OFFSET AS FOLLOWS:

A. MANHOLES - STATIONED AND OFFSET TO CENTERLINE.
B. CATCHBASINS - NUMBERS 3, 3A
STATIONED TO CENTERLINE AND OFFSET TO FACE OF CURB.
C. CATCHBASIN - NUMBER 2-2B - STATIONED AND OFFSET TO CENTERLINE.



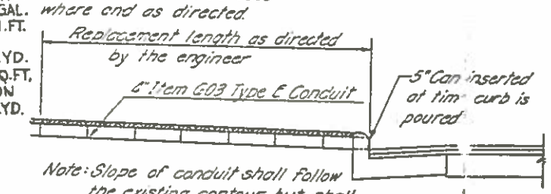
BASE REPLACEMENT DETAIL

BASE REPLACEMENT

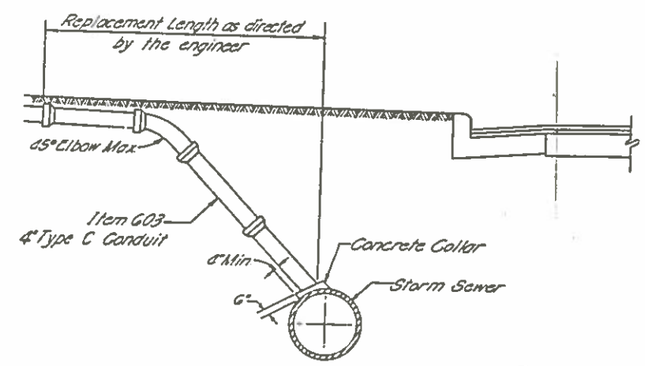
EXISTING PAVEMENT THAT IS TO BE REMOVED FOR THE PURPOSE OF INSTALLING STORM SEWERS SHALL BE REPLACED WITH PORTLAND CEMENT CONCRETE BASE

ROOF DRAIN DETAILS

Detail 'A' or 'B' to be used where and as directed.



DETAIL 'A'



Rev. 7-19-76

GENERAL NOTES

REMOVAL OF TREES AND STUMPS M-2A2B(1)

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING. EXCEPT THAT THOSE TREES FOR WHICH PROTECTION AND PRESERVATION WORK IS INDICATED ELSEWHERE IN THESE PLANS SHALL NOT BE REMOVED.

THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZES	NO. TREES	NO. STUMPS
18"	2	0
30"	2	0

THE ABOVE ESTIMATE IS APPROXIMATE AND THE STATE OF OHIO RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE OF THE LIMITS OF CONSTRUCTION BUT WITHIN THE RIGHT-OF-WAY AND/OR EASEMENT LINES. PAYMENT FOR THE REMOVAL OF THESE ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING.

TREES AND SHRUBS

"WITHIN THE LIMITS OF THIS PROJECT NUMEROUS SMALL SHRUBS AND ORNAMENTAL TREES ARE LOCATED. THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DISTURBING THOSE PLANTINGS THAT ARE NOT WITHIN THE WORK SHOWN ON THE CROSS-SECTIONS. IF NECESSARY, MINOR GRADING ADJUSTMENTS MAY BE MADE AS DIRECTED BY THE ENGINEER TO AVOID DISTURBING THESE PLANTINGS."

WALK CONNECTIONS

THE PORTION OF AN EXISTING WALK THAT IS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH FOUR INCH CONCRETE WALK IN THE AMOUNT AND QUANTITY AS DIRECTED BY THE ENGINEER, AND IN ACCORDANCE WITH ITEM 608 CONCRETE WALK. ALL CONNECTIONS TO EXISTING WALKS AND SIDEWALKS SHALL BE MADE AT THE NEXT EXISTING JOINT OR AS DIRECTED BY THE ENGINEER.

ESTIMATED QUANTITY _____ 100 SQ. FT. , ITEM 608 { 50 SQ.FT. ISSUE 1 / 50 SQ.FT. M-2A2B(1)

RESURFACING SECTION

PRIOR TO BEGINNING WORK ON THE RESURFACING SECTION OF THIS PROJECT (STATION 7 + 00 TO 23 + 33.26) THE CONTRACTOR TOGETHER WITH THE ENGINEER SHALL INSPECT THE CONDITION OF THE EXISTING PAVEMENT. ALL AREAS HAVING POOR SURFACE CONDITIONS SHALL BE NOTED AND RECORDED BY THE ENGINEER. THE CONTRACTOR SHALL REPAIR ALL POOR SURFACE CONDITIONS AS DIRECTED BY THE ENGINEER USING ITEM 403 - ASPHALT CONCRETE PRIOR TO SURFACING THE AREA. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 403 - ASPHALT CONCRETE. THE COST OF ALL WORK WITHIN THE ABOVE LIMITS WILL BE 100% ISSUE #1 FUNDS.

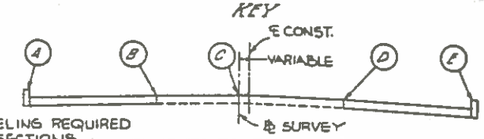
ESTIMATED QUANTITY 5 CU. YDS., ITEM 403

PROFILE GRADE ADJUSTMENT

THE CONTRACTOR SHALL ADJUST THE CROWN IN THE PAVEMENT FROM STATION 29 + 25 TO 30 + 25 AND FROM STATION 34 + 50 TO 35 + 50 TO TRANSITION THE PROFILE GRADE POINT FROM THE BASELINE OF SURVEY IN THE WIDENING AND RESURFACING SECTION TO THE CENTERLINE OF CONSTRUCTION FOR THE NEW CONSTRUCTION SECTION. THE TRANSITION AREAS SHALL BE AS SMOOTH AS POSSIBLE AND SHALL BE APPROVED BY THE ENGINEER. ITEM 403 - ASPHALT CONCRETE SHALL BE USED TO BUILD UP THE TRANSITION AREAS IF NECESSARY. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 403 - ASPHALT CONCRETE.

ELEVATION TABLE

KEY



* DENOTES LEVELING REQUIRED
** DENOTES INTERSECTIONS

OFFSETS TO FACE CURB FROM ℄ CONSTRUCTION.

ELEVATION TABLES

(A) CURB LT.		(B) PAVEMENT LT.			(C) ℄ SURVEY			(D) PAVEMENT RT.			(E) CURB RT.	
FACE OFF	TOP ELEV.	OFF	PROP. ELEV	EXIST ELEV	STATION	PROP. ELEV	EXIST ELEV	OFF	PROP. ELEV.	EXIST ELEV.	FACE OFF	TOP ELEV
13.6'	948.69	13.6'	948.21	948.11	22+75	948.38*	948.11		" "	" "		" "
13.5	948.87	9.2'	948.46*	948.05	23+00	948.51*	948.21		" "	" "		" "
	948.96		948.55*	948.28	23+25	948.71*	948.31		" "	" "		" "
	949.13	9.0'	948.72	948.51	23+50	948.90*	948.48	10.5'	948.29	948.08	13.5'	948.72
	949.31		948.89	948.68	23+75	949.01*	948.70		948.60	948.39		949.03
	949.38	8.2'	948.96*	948.85	24+00	949.11	948.90	10.5'	948.90	948.69		949.32
	949.46		949.04*	948.95	24+25	949.16	948.95		948.90	948.69		949.32
	949.52	8.0'	949.11*	949.06	24+50	949.20	948.99	11.0'	948.91	948.70		949.33
	949.57		949.15	948.94	24+75	949.24	949.03		949.01	948.80		949.43
	949.47	8.0'	949.05	948.84	25+00	949.29	949.08	11.0'	949.09	948.88		949.51
	949.43				25+25	949.21	949.00					949.44
	949.37	8.0'	948.94	948.73	25+50	949.15	948.94	11.0'	948.95	948.74		949.36
	949.24				25+75	948.99	948.78					949.20
	949.13	8.0'	948.70	948.49	26+00	948.82	948.61	11.5'	948.63	948.42		949.04
	949.01				26+25							948.82
	948.88	7.5'	948.45	948.24	26+50	948.63	948.42	11.0'	948.57	948.36		949.97
	948.75				26+75	948.51*	948.38		" "	" "		" "
	948.63	7.0'	948.20*	948.09	27+00	948.29*	948.24		" "	" "		" "
	948.56				27+25	948.19*	948.11		" "	" "		" "
	948.51	9.0'	948.03	947.82	27+50	948.20*	947.95	10.0'	948.14	947.93		949.49
	948.43				27+75	948.13	947.92					948.43
	948.48	9.0'	947.99*	947.67	28+00	948.16*	947.88	10.0'	948.07*	947.79		948.42
	948.63				28+25	948.28	948.07					948.54
	948.89	8.5'	948.41	948.20	28+50	948.53*	948.26	9.0'	948.41*	948.20		948.73
	949.32				28+75	948.93	948.72					949.19
	949.77	8.7'	949.27	949.06	29+00	949.41	949.20	9.5'	949.31*	949.31		949.63
	950.17				29+25	949.81	949.60					950.04
	950.56	7.8'	950.07*	949.96	29+50	950.22	950.01	9.5'	950.12*	950.01		950.43
	950.91				29+75	950.51*	950.32					950.73
	951.20	7.5'	950.71*	950.61	30+00	950.81*	950.67	10.5'	950.71*	950.56		951.04
	951.40				30+25	950.98	950.78					951.28
	946.68		946.18	945.97	34+75	946.28	946.07		946.02	945.81		946.37
	946.13	7.7'	945.63	945.42	35+00	945.74	945.53	12.4'	945.45	945.24		945.80
	945.69				35+25	945.36	945.15					945.46
	945.20	6.2'	944.74	944.53	35+50	944.98	944.77	12.8'	944.74	944.53		945.11
	944.96				35+75	944.71	944.50					944.86
	944.74	6.2'	944.31	944.10	36+00	944.44	944.23	12.8'	944.23	944.02		944.61
	944.45				36+25	944.06	943.85			" "		" "
	944.08	6.0'	943.64	943.43	36+50	943.70	943.49			" "		" "
	943.49				36+75	943.10	942.95			" "		" "
	942.87	5.1'	942.46	942.25	37+00	942.63	942.42	13.1'	942.57	942.36		942.98
	942.44				37+25	942.18	941.97					942.41
	942.02	5.2'	941.61	941.40	37+50	941.73	941.52	12.1	941.45	941.24		941.84
	941.52				37+75	941.19	940.98					941.41
	941.02	6.4'	940.60	940.39	38+00	940.64	940.43	12.4'	940.60	940.39		941.01
13.5	940.42				38+25	940.26	940.05				13.5'	940.53
13.1'	939.98	7.2'	939.55*	939.20	38+50	939.87	939.66	12.0'	939.65	939.44	12.8'	940.06
	NA				38+75	939.66	939.45					NA
	NA		939.16	938.95	39+00	939.46	939.25		939.16	938.95		NA
12.83	939.51				39+25	939.26*	939.11				13.21'	939.47
13.5'	939.27	7.6'	938.86*	938.69	39+50	939.06*	938.99	12.4'	938.73	938.52	13.5	939.17
	939.01				39+75	938.81	938.60					938.90
	938.74	6.4'	938.36	938.15	40+00	938.56*	938.24	12.0'	938.16	937.95		938.60
	938.60				40+25	938.35*	938.10					938.46
	938.44	5.8'	938.08	937.87	40+50	938.20	937.99	12.6'	937.93*	937.63		938.39
	938.38				40+75	938.20	937.99					938.36
	938.34	6.0'	937.99	937.78	41+00	938.19	937.98	13.2'	937.88	937.67		938.37
	938.36				41+25	938.22	938.01					938.45
	938.38	7.4'	938.01	937.80	41+50	938.25	938.04	13.4'	938.06	937.85		938.54
	938.44				41+75	938.31	938.10					938.51
13.5	938.50	9.0'	938.11	937.90	42+00	938.36	938.15	12.6'	938.00	937.79	13.5	938.47

COMPUTED BY W.C. DATE 4-5-74
CHECKED BY N.C. DATE 4-12-74

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A2B (1)	

6 / 55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

CALCULATIONS

TACK COAT - ITEM 407

ISSUE #1 STA 7+00 - 23+33.26 = 1633.26 Lin Ft.
1633.26' × 27' = 44,098.02 ϕ

M-2A2B(1) STA 23+33.26 - STA. 30+25 = 691.74 Lin Ft.
691.74' × 19' (AVG WIDTH) = 13,143.06 ϕ

M-2A2B(1) STA 34+50 - STA 42+05.37 = 755.37 Lin. Ft.
755.37' × 18.5' (AVG WIDTH) = 13,823.27 ϕ

PLANIMETER INTERSECTIONS

ISSUE #1	MAIN ST.	= 1,000 ϕ
" "	CAROLINE	= 1,368 ϕ
" "	REBECCA	= 1,032 ϕ
" "	GLADYS	= 1,044 ϕ
" "	GRACE	= 1,221 ϕ
" "	CENTER	= 958 ϕ
M-2A2B(1)	SIMLER	= 812 ϕ

ISSUE #1 = 50,721 SQ. FT. × 1 SQ. YD. / 9 SQ. FT. × 0.10 GAL./SQ. YD. = 564 GAL.

M-2A2B(1) = 27,778 SQ. FT. × 1 SQ. YD. / 9 SQ. FT. × 0.10 GAL/SQ. YD. = 309 GAL.

COVER AGGREGATE - ITEM 407

ISSUE #1 = ESTIMATED ..... 70 TONS
M-2A2B(1) = ESTIMATED ..... 11 TONS

ITEM 403 ~ LEVELING COURSE

ISSUE #1 = 50,721 SQ. FT. × .0416 ÷ 27 = 78 CU. YDS.

M-2A2B(1) = 27,778 SQ. FT. × .0416 ÷ 27 = 43 CU. YDS.

EARTHWORK QUANTITIES

	STATION TO STATION MYRON ST.	203 EMBANKMENT CU. YD.	203 EXCAVATION CU. YD.	659 SEEDING SQ. YD.
	7+25 - 9+77	0	0	227
	18+44 - 19+92	92	60	181
M-2A2B(1)	23+00 - 26+00	44	89	329
M-2A2B(1)	26+00 - 30+50	26	266	404
M-2A2B(1)	30+50 - 35+00	187	418	799
M-2A2B(1)	35+00 - 39+50	18	168	294
M-2A2B(1)	39+50 - 42+45.42	24	87	310
	STEWART AVE			
	8+50 - 9+50	0	123	47
	JACKSON ST.			
	8+75 - 9+50	1	44	110
	WIDENING INTERSECTIONS			
	CAROLINE	0	13	37
	REBECCA	0	8	26
	GLADYS	0	6	26
	GRACE	0	6	26
	CENTER (WEST)	0	3	11
	TOTALS ISSUE #1	92	96	534
	TOTALS M 2A2B(1)	300	1195	2293

ITEM 659 COMMERCIAL FERTILIZER (12-12-12)

M-2A2B(1) 2,293 S.Y. × 9 S.F./1 S.Y. × 20 LB/1000 S.F. × 1 TON/2000 LB. = .021 TON
ISSUE #1 534 S.Y. × 9 S.F./1 S.Y. × 20 LB/1000 S.F. × 1 TON/2,000 LB. = .005 TON

ITEM 659 AGRICULTURAL LIMING

M2A2B(1) 2,293 S.Y. × 9 S.F./1 S.Y. × 100 LB/1000 S.F. × 1 TON/2,000 LB. = 1.03 TONS

ISSUE #1 534 S.Y. × 9 S.F./1 S.Y. × 100 LB/1000 S.F. × 1 TON/2,000 LB. = 0.24 TONS

CALCULATIONS

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28(1)	

COMPUTED BY WC DATE 4-1-74
CHECKED BY NC DATE 4-11-74

7 / 55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

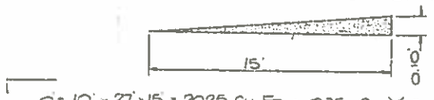
ITEM 404 : (1.25 in)(1 FT/12 in)(1 SQ. FT.)(1 CU YD./27 CU. FT.)
= 0.003858 CU. YDS./SQ. FT.

ITEM 402 : = 0.003858 CU. YDS/SQ. FT.

ITEM 301 : (7 in)(1 FT/12 in)(1 SQ. FT.)(1 CU. YD./27 CU. FT.)
= 0.02160 CU. YDS/SQ. FT.

ITEM 301 : (5 in)(1 FT/12 in)(1 SQ. FT)(1 CU. YD./27 CU. FT.)
= 0.015432 CU. YDS./SQ FT.

MYRON ST. FEATHER STA 7+00 - STA. 7+15



$\frac{0+.10}{2} \times 27 \times 15 = \frac{20.25}{27}$ Cu. Ft. = 0.75 Cu. Yds - ITEM 404

STA 7+15 - STA 23+08 = 1,593 Lin Ft.
1,593' × 27 = 43,011 ¢ × .003858 CU. YDS./SQ. FT.
= 16.594 Cu. Yds. - ITEM 404

STA 23+08 - STA. 23+33.26

PLANIMETER = 822 ¢ × $\frac{0.16}{27}$ = 4.87 Cu. Yds

2.44 CU. YDS - ITEM 404
2.44 CU. YDS - ITEM 402

STA 23+33.26 - STA. 42+05.37 = 1,872.11 Lin. Ft.

1,872.11' × 27 = 50,546.97 ¢ × 0.003858 Cu. Yds/SQ. FT.
= 195.01 Cu. Yds. - ITEM 404
= 195.01 Cu. Yds - ITEM 402

STRUCTURE: 51.5 x 26 x 4.5/12 x 1/27 = 18.60 Cu. yds. ITEM 404

STA 42+05.37 - STA 42+45.42 = 40.05 Lin. Ft.

$2\left(\frac{39.95}{2}\right) - 62.78 \times 25 = 214$ ¢

$2\left(\frac{40.05}{2}\right) - 62.88 \times 25 = 215$ ¢

27' × 40.05' = 1081 ¢
1,510 SQ. FT.

1510 ¢ × 0.003858 CU YDS /SQ FT
= 5.83 CU YDS - ITEM 404
= 5.83 CU. YDS - ITEM 402

STA 23+33 - STA. 30+25 = 692 Lin Ft (LT. SIDE)

692' × 3.47' (AVG WIDENING) = 2401.24 ¢
2401.24 ¢ × 0.02160 Cu. Yds. / SQ. FT.
= 51.87 Cu. Yds - ITEM 301

STA 23+33 - STA. 27+30.22 = 397.22 Lin Ft (RT SIDE)

397.22' × 5.14' (AVG WIDENING) = 2041.71 ¢
2,041.71 ¢ × 0.02160 Cu. Yds. / SQ. FT.
= 44.10 Cu. Yds - ITEM 301

STA 27+30.22 - STA 30+25 = 294.78 Lin Ft. (RT SIDE)

294.78' × 9.24' (AVG WIDENING) = 2723.77 ¢
2,723.77 ¢ × 0.02160 CU. YDS. / SQ. FT.
= 58.83 CU. YDS - ITEM 301

STA 30+25 - STA 34+50 = 425 Lin. Ft.

425' × 27' = 11,475 ¢ × 0.02160 CU. YDS. / SQ FT
= 247.86 Cu Yds - ITEM 301

M-2A28(1) — ISSUE #1

STA 34+50 - STA 38+71.5 = 421.5 Lin Ft (LT. SIDE)

421.5' × 4.10' (AVG WIDENING) = 1,728.15 ¢
1,728.15 ¢ × 0.02160 CU YDS. / SQ. FT.
= 37.33 CU YDS - ITEM 301

STA 34+50 - STA 36+08.92 = 158.92 Lin Ft (RT SIDE)
158.92' × 7.48 (AVG WIDENING) = 1,188.72 ¢
1,188.72 ¢ × 0.02160 CU. YDS. / S. FT.
= 25.68 Cu. Yds - ITEM 301

STA 36+78.67 - STA 38+71.5 = 192.83 Lin Ft (RT. SIDE)

192.83 × 5.55 (AVG WIDENING) = 1,070.21 ¢
1,070.21 ¢ × 0.02160 CU YDS / SQ FT.
= 23.12 CU YDS. - ITEM 301

STA 39+23 - STA 42+05.47 = 282.47 Lin Ft (LT SIDE)

282.47' × 6.25 (AVG WIDENING) 1,764.81 ¢
1,764.81 ¢ × 0.02160 CU YDS / SQ. FT.
= 38.12 CU. YDS. - ITEM 301

STA 39+23 - STA 42+05.37 = 282.37 Lin Ft (RT SIDE)

282.37 × 2.60 (AVG. WIDENING) = 734.16 ¢
734.16 ¢ × 0.02160 CU. YDS. / SQ. FT.
= 15.86 CU. YDS - ITEM 301

MYRON ST. WIDENING @ MAIN ST

PLANIMETERED = 756 ¢ × 0.02160 CU. YDS / SQ. FT.
= 16.33 CU. YDS - ITEM 301

CAROLINE AVE:
FEATHER STA 9+36.25 - STA 9+51.25 = 15 Lin Ft.

$0 \div \frac{.10}{2} \times 15' \times 25 = \frac{18.75}{27}$ Cu. Ft. = 0.69 Cu. Yds - ITEM 404

STA 9+51.25 - STA. 9+86.3 = 35.05 Lin. Ft.

35.05' × 25' = 876.25 ¢
$2\left(\frac{34.93}{2}\right) - 54.91' \times 35' = 261.63$ ¢

$2\left(\frac{35.07}{2}\right) - 55.05' \times 35' = 264.08$ ¢

1,401.96 ¢ × 0.003858 CU. YDS / SQ. FT.
5.41 CU. YDS. - ITEM 404

PLANIMETER WIDENING = 436 ¢
436 ¢ × 0.003858 CU. YDS. / SQ FT
= 1.68 CU YDS. - ITEM 402
436 ¢ × 0.02160 CU YDS / SQ. FT.
= 9.42 CU. YDS - ITEM 301

REBECCA AVE.
FEATHER STA 9+46.77 - STA. 9+61.77 = 15 Lin. Ft.
$0 + .10' \div 2 \times 15 \times 26 = \frac{19.5}{27}$ Cu Ft = 0.72 Cu. Yds - ITEM 404

STA 9+61.77 - STA. 9+86.72 = 24.95 Lin. Ft.

24.95' × 26' = 648.7 ¢
$2\left(\frac{24.90}{2}\right) - 39.17 \times 25' = 132.88$ ¢

$2\left(\frac{24.83}{2}\right) - 39.10 \times 25' = 132.0$ ¢

913.58 ¢ × 0.003858 CU. YDS. / SQ FT
= 3.52 CU. YDS. - ITEM 404

PLANIMETER WIDENING = 272 ¢
272 ¢ × 0.003858 CU. YDS / SQ. FT.
= 1.05 CU. YDS - ITEM 402
272 ¢ × 0.02160 CU. YDS. / SQ FT.
= 5.88 CU YDS - ITEM 301

GLADYS AVE
FEATHER STA 9+45.56 - STA 9+60.56 = 15 Lin Ft.
$0 \div \frac{.10}{2} \times 15' \times 237 = \frac{17.78}{27}$ Cu Ft = 0.66 Cu. Yds - ITEM 404

STA 9+60.56 - STA 9+85.36 = 24.8 Lin. Ft.

24.8 × 23.7 = 587.76 ¢
$2\left(\frac{25.20}{2}\right) - 39.47 \times 25 = 136.63$ ¢

$2\left(\frac{24.80}{2}\right) - 39.07' \times 25 = 131.63$ ¢

856.02 ¢ × 0.003858 Cu. Yds / SQ FT
= 3.3 Cu. Yds. - ITEM 404

PLANIMETER WIDEN JG = 192 ¢
192 ¢ × 0.003858 CU. YDS. / SQ. FT.
= .074 Cu. Yds - ITEM 402
192 ¢ × 0.02160 CU. YDS / SQ. FT.
= 4.15 CU. YDS. - ITEM 301

GRACE AVE
FEATHER STA. 9+45.62 - STA. 9+60.62 = 15 Lin. Ft
$0 \div \frac{.10}{2} \times 15 \times 281 = \frac{210.8}{27}$ Cu. Ft = 0.78 Cu. Yds. - ITEM 404

STA 9+60.62 - STA 9+86.36 = 25.74 Lin. Ft.

25.74' × 28.1' = 723.2 ¢ ¢
$2\left(\frac{25.22}{2}\right) - 39.49 \times 25' = 136.88$ ¢

$2\left(\frac{24.78}{2}\right) - 39.05 \times 25' = 131.38$ ¢

991.55 ¢ × 0.003858 Cu. Yds / SQ FT
= 3.83 Cu Yds - ITEM 404

PLANIMETER WIDENING = 192 ¢
192 ¢ 0.003858 Cu. Yds / SQ. FT.
= 0.74 Cu. Yds. - ITEM 402
192 ¢ 0.02160 CU. YDS. / SQ. FT.
= 4.15 CU. YDS. - ITEM 301

CENTER ST.
FEATHER STA 9+52 - STA 9+67 = 15 Lin. Ft
$0 \div \frac{.10}{2} \times 15' \times 241' = \frac{18.06}{27}$ Cu. Ft. = 0.67 Cu. Yds - ITEM 404

PLANIMETER: STA 9+67 - STA. 9+86.5 = 536 ¢
536 ¢ × 0.003858 Cu. Yds / SQ. FT.
= 2.07 Cu. Yds - ITEM 404
PLANIMETER WIDENING = 184 ¢
184 × 0.003858 CU. YDS / SQ. FT.
= 0.71 CU. YDS - ITEM 402
184 × 0.02160 CU YDS. / SQ. FT
= 3.97 CU. YDS. - ITEM 301

JACKSON ST.
STA. 9+00 - STA. 9+58.81
$157 \div \frac{.24'}{2} \times 58.81 = 1,167.39$ ¢

1,167.39 ¢ × 0.003858 Cu. Yds. / SQ. FT.
= 4.50 Cu. Yds. - ITEM 404
= 4.50 Cu. Yds. - ITEM 402

1167.39 ¢ × 0.015432 CU. YDS. / SQ. FT.
= 18.02 CU. YDS. - ITEM 301

STA 9+58.81 - STA. 9+83.47 = 24.66 Lin. Ft.
24' × 24.66' = 591.84 ¢
$2\left(\frac{25.10}{2}\right) - 39.42 \times 25' = 136.25$ ¢

$2\left(\frac{24.85}{2}\right) - 39.12 \times 25' = 132.25$ ¢

860.34 ¢ × 0.003858 Cu. Yds. / SQ. Ft.
= 3.32 CU. YDS - ITEM 404
= 3.32 CU YDS - ITEM 402

860.34 ¢ × 0.02160 CU. YDS. / SQ. FT.
= 18.58 CU. YDS. - ITEM 301

M-2A28(1)

STEWART AVE.
STA 8+50 - STA 9+43.96 = 93.96 Lin. Ft
24' × 93.96 = 2255.04 ¢
2255.04 ¢ × 0.003858 CU. YDS. / SQ. FT.
= 8.70 CU. YDS - ITEM 404
= 8.70 CU. YDS - ITEM 402

2255.04 ¢ × 0.015432 CU. YDS. / SQ. FT.
= 34.80 CU. YDS - ITEM 301

STA 9+43.96 - STA. 9+78.74 = 34.78 Lin. Ft.
24' × 34.78' = 834.72 ¢
$2\left(\frac{35.28}{2}\right) - 55.25 \times 35' = 267.93$ ¢

$2\left(\frac{34.72}{2}\right) - 54.70 \times 35' = 257.95$ ¢

1360.6 ¢ × 0.003858 CU. YDS / SQ. FT.
= 5.25 CU. YDS - ITEM 404
= 5.25 CU. YDS - ITEM 402

1360.6 ¢ × 0.02160 CU. YDS. / SQ. FT
= 29.39 CU. YDS. - ITEM 301

SIMLER ST.
FEATHER STA 9+32.04 - STA 9+57.04 = 25 Lin. Ft.
$0 \div \frac{.21'}{2} \times 25' \times 19.75' = \frac{51.84}{27}$ Cu. Ft. = 1.92 Cu. Yds
0.96 Cu. Yds - ITEM 404
0.96 Cu. Yds. - ITEM 402

STA 9+57.04 - STA. 9+81.84 = 24.8 Lin Ft
24.8' × 19.75' = 489.8 ¢
$2\left(\frac{25.30}{2}\right) - 39.57' \times 25 = 137.86$ ¢

$2\left(\frac{24.70}{2}\right) - 38.97' \times 25' = 130.38$ ¢

758.04 ¢ × 0.003858 CU. YDS. / SQ. FT
= 2.92 CU. YDS. - ITEM 404
2.92 CU. YDS. - ITEM 402

WIDENING @ INTERSECTION
PLANIMETER = 440 ¢
440 ¢ × 0.003858 CU. YDS. / SQ. FT.
= 1.70 CU. YDS. - ITEM 402
440 ¢ × 0.02160 CU. YDS. / SQ FT
= 9.50 CU. YDS. - ITEM 301

TOTALS M-2A28(1)

ITEM 404 - ASPHALT CONCRETE	= 245.99 CU. YDS.
ITEM 402 - ASPHALT CONCRETE	228.19 CU. YDS.
ITEM 301 - BIT AGGR. BASE	= 669.39 CU YDS.

TOTALS ISSUE #1

ITEM 404 - ASPHALT CONCRETE	= 190.78 CU YDS.
ITEM 402 - ASPHALT CONCRETE	= 7.36 CU. YDS.
ITEM 301 - BIT. AGGR. BASE	= 27.57 CU. YDS.

COMPUTED BY: WC DATE: 4-15-74
CHECKED BY: RW DATE: 4-17-74

F.H.W.A. REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A 28(1)	

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

SUMMARY OF QUANTITIES AND GENERAL SUMMARY

TYPE CODE: 6203 (EXCEPT AS NOTED)

ISSUE #1			M 2A 28(1)			ISSUE #1					M 2A 28(1)								GENERAL SUMMARY			DESCRIPTION
TOTAL FROM SHEET NO.																						
5	6	7	5	6	7	11	12	13	14	15	16	17	18	19	35	100% ISSUE 1	M 2A 28(1)	ITEM	QUANTITY	UNIT	
																					ROADWAY	
				LUMP												—	LUMP	201	LUMP	LUMP	CLEARING & GRUBBING
										19						—	19	202	19	LIN FT	PIPE REMOVED 24" & UNDER
							16		90	112		404		582	140	218	1126	202	1344	SQ FT	SIDEWALK REMOVED
						2	3				5	21	52	23		5	101	202	106	SQ YD	PAVEMENT REMOVED
						152	63	100	154	38	31	130	19	101	100	507	381	202	888	LIN FT	CURB REMOVED
													1			—	1	202	1	EACH	CATCH BASIN REMOVED
													1			—	1	202	1	EACH	CATCH BASIN ABANDONED
											50	316	74	83		—	523	202	523	SQ YD	WEARING COURSE REMOVED
									2			2		1		2	3	608	5	Each	Curb Ramp
	96			1195												96	1195	203	1291	CU YD	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION
	92			300												92	300	203	392	CU YD	EMBANKMENT
			100													—	100	410	100	CU YD	TRAFFIC COMPACTED SURFACE, TYPE A OR B
			100													—	100	410	100	CU YD	TRAFFIC COMPACTED SURFACE, TYPE C
3			5													3	5	604	8	EACH	STANDARD MONUMENT ASSEMBLY
	50			50			52		52	84		334		81	60	238	525	608	763	SQ FT	4" CONCRETE WALK
			16													—	16	616	16	TONS	CALCIUM CHLORIDE
			60													—	60	616	60	M GAL	WATER
																					PAVEMENT
54					697						1	7		1		54	706	301	760	CU YD	BITUMINOUS AGGREGATE BASE, 702.01 AC-20 OR 702.09, RT-11 OR RT-12.
									12		9		30			12	39	305	51	SQ YD	9" PORTLAND CEMENT CONCRETE BASE
					236											—	236	402	236	CU YD	ASPHALT CONCRETE, AC-20
	83			43												83	43	403	126	CU YD	ASPHALT CONCRETE, AC-20
10											0.2	1.6		0.2		10	2	404	12	CU YD	ASPHALT CONCRETE (DRIVEWAYS), AC-20
		191			245											191	245	404	436	CU YD	ASPHALT CONCRETE, AC-20
	564			309												564	309	407	873	GAL	TACK COAT; 702.04, SS-1, SS-1H, MS-2 OR RS-1; OR 702.02, RC-250
	20			11												20	11	407	31	TON	COVER AGGREGATE
						300	630	227	292	132	626	905	1004	807	653	100	1181	4095	609	5276	LIN FT	CONCRETE CURB, STANDARD TYPE 6
											97	80	140	70	20	18	—	425	452	425	SQ YD	6" PLAIN PORTLAND CEMENT CONCRETE PAVEMENT
															93		—	93	452	93	SQ YD	8" PLAIN PORTLAND CEMENT CONCRETE PAVEMENT
																					EROSION CONTROL (Y-005)
	534			2293												534	2293	659	2827	SQ YD	SEEDING & MULCHING
0.01	0.05		0.02	0.21												0.06	0.23	659	0.29	TON	COMMERCIAL FERTILIZER (12-12-12)
	0.24			1.03												0.24	1.03	659	1.27	TON	AGRICULTURAL LIMING
107			459													107	459	207	566	SQ YD	TEMPORARY SEEDING AND MULCHING
0.2			1.0													0.2	1	207	1.2	M GAL	WATER
3			7													3	7	207	10	CU YD	TEMPORARY BENCHES, Dikes, DAMS AND SEDIMENT BASINS
1			5													1	5	207	6	M SQ FT	MOWING
27			115													27	115	659	142	SQ YD	REPAIR SEEDING AND MULCHING
																					WATER WORKS (Y-060)
						2	1	2	1	3	2		2	1		9	5	814	14	EACH	VALVE BOXES ADJUSTED TO GRADE

Rev. 7-19-76

COMPUTED BY W.C. DATE: 4-16-74
CHECKED BY R.W. DATE: 4-17-74

F.H.W.A. REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A 28 (1)	

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

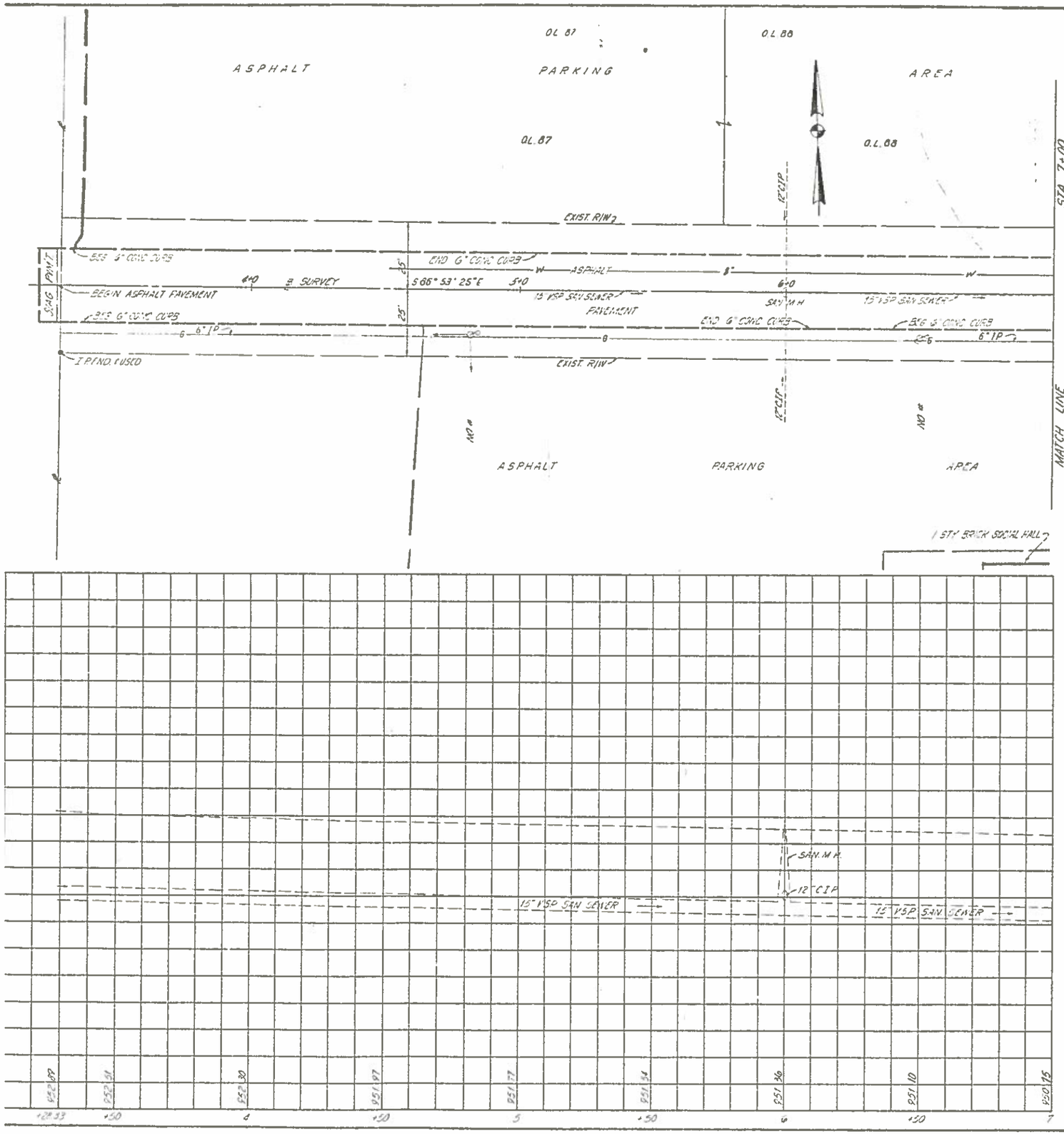
SUMMARY OF QUANTITIES AND GENERAL SUMMARY

M 2A 28 (1)	ISSUE #1								M 2A 28 (1)											
TOTAL FROM SHEET NO.																	GENERAL SUMMARY			TYPE CODE 6203 (EXCEPT AS NOTED) DESCRIPTION
5	5	6	7		11	12	13	14	15	16	17	18	19	100% ISSUE 1	M 2A 28 (1)	ITEM	QUANTITY	UNIT	
																				DRAINAGE
												1		—	1	601	1	CU. YD.	ROCK CHANNEL PROTECTION, TYPE B WITH BEDDING
												0.2		—	0.2	602	0.2	CU. YD.	CONCRETE MASONRY
					14			52		234	80	39	26	66	379	603	445	LIN. FT.	12" CONDUIT, TYPE B
					8				26					8	26	603	34	LIN. FT.	12" CONDUIT, TYPE C
					10					250	280			10	530	603	540	LIN. FT.	15" CONDUIT, TYPE B
					252									52	—	603	252	LIN. FT.	15" CONDUIT, TYPE C
10	10										170	134		—	304	603	304	LIN. FT.	18" CONDUIT, TYPE B
30	30													10	10	603	20	LIN. FT.	4" CONDUIT, TYPE C
									6					30	36	603	66	LIN. FT.	4" CONDUIT, TYPE E
					1	1	1		2		1			5	1	604	6	EACH	MANHOLE ADJUSTED TO GRADE
					1	1	1	1						4	—	604	4	EACH	CATCH BASIN ADJUSTED TO GRADE
					1	1								2	—	604	2	EACH	MANHOLE RECONSTRUCTED TO GRADE INCLUDING NEW HEAVY FRAME AND COVER
					1			1		2	2	3		2	7	604	9	EACH	STANDARD NO. 1 MANHOLE
					2	1		1		1	1		2	4	4	604	8	EACH	STANDARD NO. 3 CATCH BASIN
					1	3		2		2	1	6	1	6	11	604	17	EACH	STANDARD NO. 3A CATCH BASIN
									1	2	1				4	604	4	EACH	STANDARD NO. 22B CATCH BASIN
									88			36	285	-	409	603	409	Ln. Ft.	12" Conduit Type C, 706.01 Class 3, 706.02, 706.08 E.S. or 707.13
																				SANITARY (Y-060)
					2	1	1	1	1	2	1	7	1	6	11	604	17	EACH	MANHOLE ADJUSTED TO GRADE
																				STRUCTURE OVER 20 FOOT SPAN
												100			100	Special	100	Sq. Yds.	Patching Concrete Bridge Deck, Type A (See Proposal Note)
												139			139	Special	139	Sq. Yds.	Membrane Waterproofing (See Proposal Note)
												149			149	202	149	Sq. Yds.	Wearing Course Removed
LUMP															LUMP	619	LUMP	LUMP	FIELD OFFICE
LUMP															LUMP	623	LUMP	LUMP	CONSTRUCTION LAYOUT STAKES
															LUMP	614	LUMP	LUMP	MAINTAINING TRAFFIC

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A 28(1)	

10
55

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

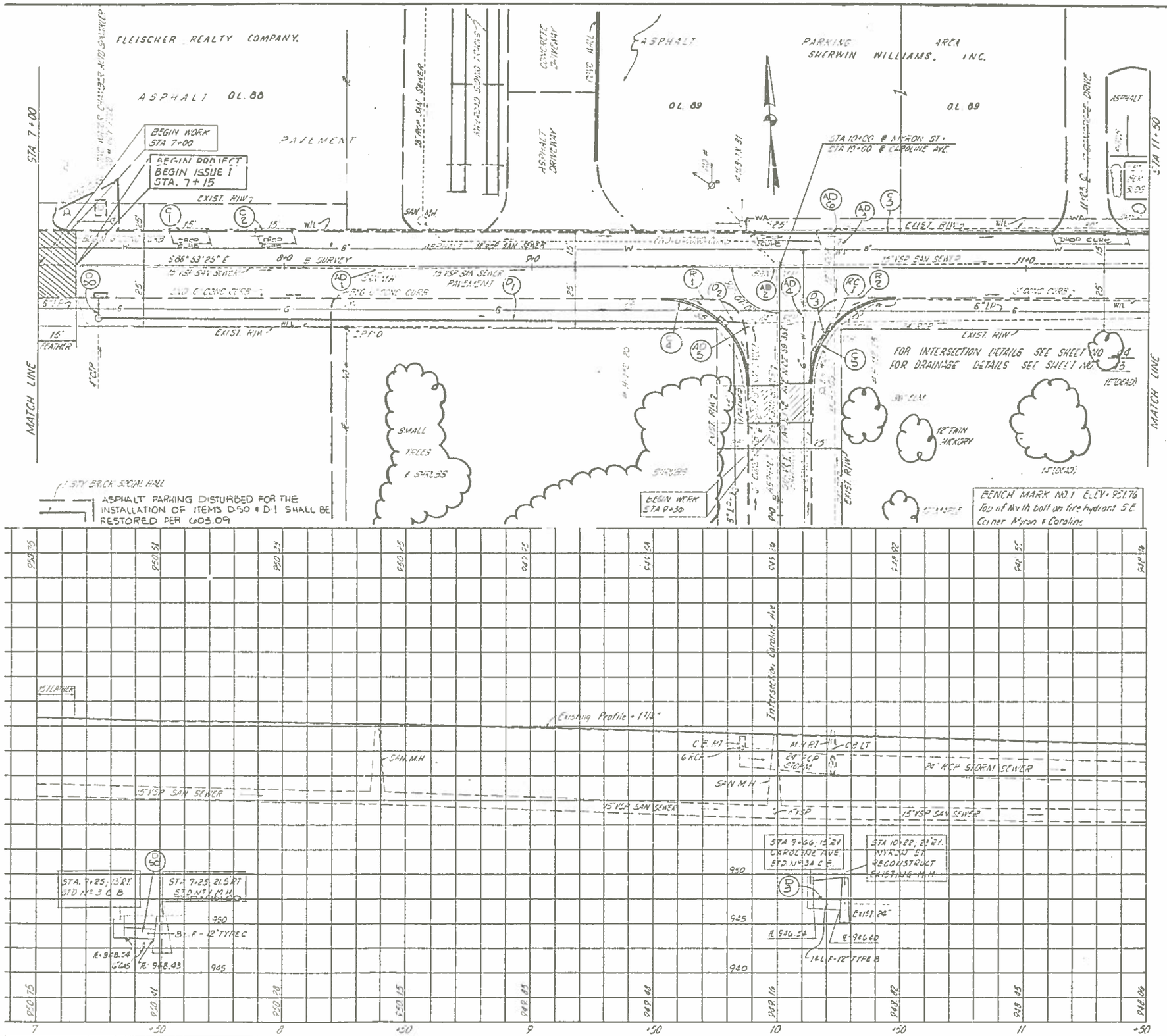


STA. 3+28.33 To STA. 7+00

COMPUTED BY HV DATE 4/8/14
CHECKED BY WC DATE 4/8/14

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A28(1)	

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

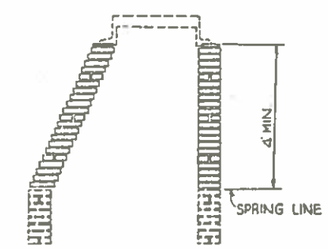


* INDICATES CAROLINE AVE STATIONS

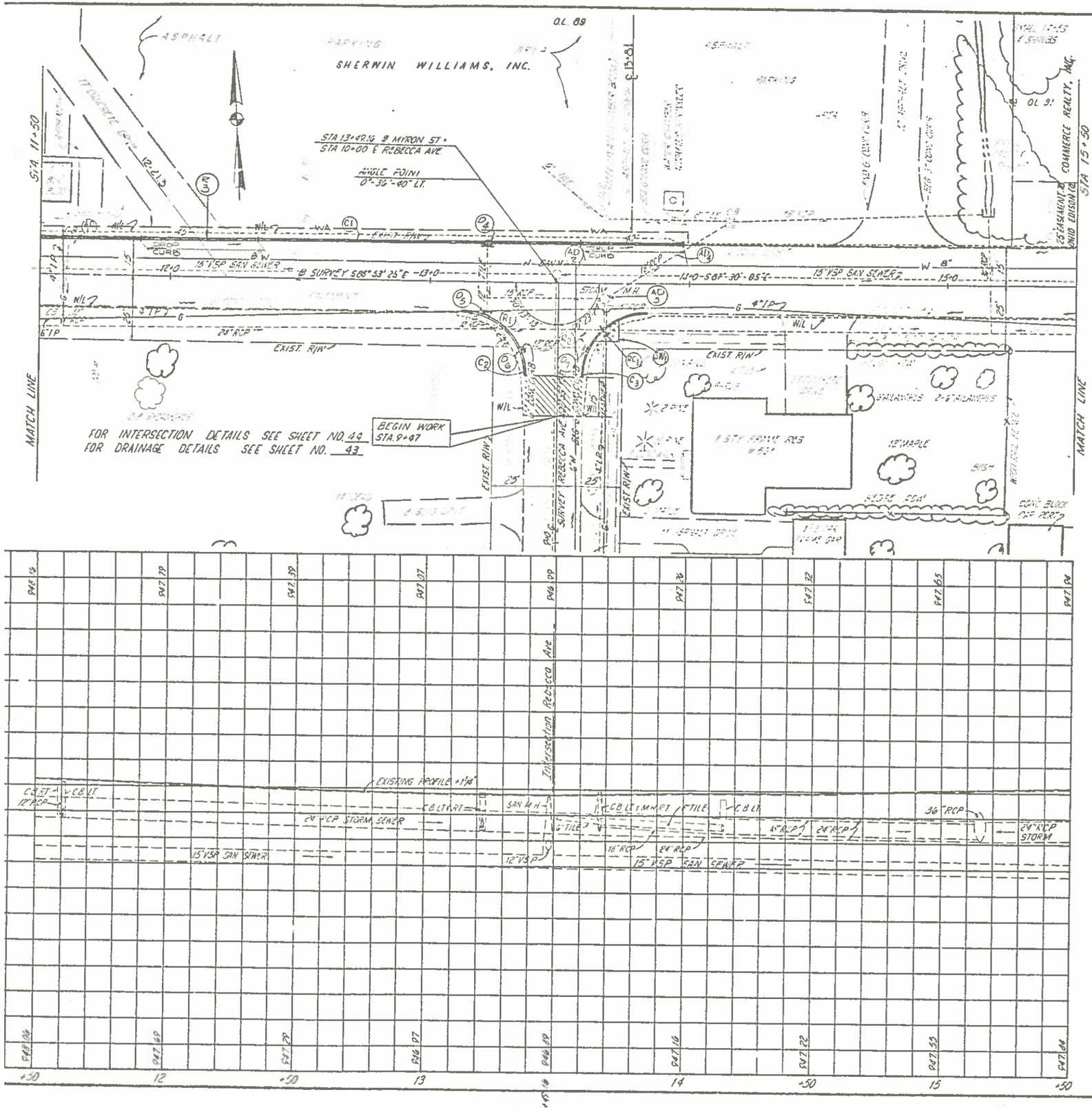
REF. NO.	STATION TO STATION	SIDE	202 CURB REMOVED	604 STD No 1 MANHOLE	603 15" CONDUIT TYPE C	604 STD NO 3 CATCH BASIN	603 15" CONDUIT TYPE B	603 12" CONDUIT TYPE B	604 STD NO 3A CATCH BASIN	609 CONC CURB STD TYPE 6	604 CATCH BASIN ADJUSTED TO GRADE
			L.F.	EA.	L.F.	EA.	L.F.	L.F.	EA.	L.F.	EA.
C-1	7+53 - 7+68	LT	15							15	
C-2	7+89 - 8+04	LT	15							15	
C-3	9+9[illegible] - 11+50	LT								160	
C-4	9+52.44 - 9+51.31*	RT								55	
C-5	9+51.25* - 10+47.75	RT								55	
R-1	9+52.44 - 9+51.31*	RT	60								
R-2	9+51.25* - 10+47.75	RT	62								
D-1	7+25 - 9+77	RT		1	252						
D-2	9+77 - 9+86	RT				1	10				
D-3	9+66* - 10+22	RT						14	1		
AD-6	10+22	LT									1
TOTAL			152	1	252	1	10	14	1	300	1

REF. NO.	STATION TO STATION	SIDE	604 MANHOLE ADJ. TO GRADE STORM	604 MANHOLE ADJ. TO GRADE SAN	614 SAN VALVE BOX ADJ. TO GRADE	603 12" CONDUIT TYPE C	609 STD No 3 CATCH BASIN		202 PAVEMENT REMOVED	604 MANHOLE RECONST. TO GRADE
			EA.	EA.	EA.	L.F.	EA.		SQ YD	EA.
AD-5	9+86	RT.	1							
AD-1	8+39	RT.		1						
AD-2	9+99	RT.		1						
AD-3	10+25	LT			1					
AD-4	10+10	RT.			1					
D-50	7+25	RT				8	1			
R-3	11+08 - 11+38	LT.							2	
RC-1	10+22	RT.								1*
TOTAL			1	2	2	8	1		2	1

* INCLUDES COST OF REPLACING FRAME & COVER WITH HEAVY DUTY AS PER STD DRWG MH-1
SEE NOTE ON SHEET 5 FOR SALVAGE OF EXISTING FRAME AND COVER.



MANHOLE RECONSTRUCTION DETAIL
(TYPICAL)



CONSTRUCTED BY HV	DATE 4/8/74	
DESIGNED BY WC	DATE 4/8/74	

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2428(1)	

12 / 55

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

REF. NO.	STATION TO STATION	SIDE	202 CURB REMOVED LF	202 SIDEWALK REMOVED SF	604 MH RECONST. TO GRADE EA	604 MH ADJUST TO GRADE EA	604 MH ADJUST TO GRADE STORM EA	604 STD NO 3 CATCH BASIN EA	604 STD NO 3 CATCH BASIN EA	608 CONC. WALK S.F.	609 CONC CURB STD. TYPE 2 LF	614 VALVE BOX ADJUST TO GRADE EA	604 C.B. SIN ADJ TO GRADE EA		202 PAVEMENT REMOVED S.Y.
R-1	13+10.76 - 13+37.0	RT	32												
R-2	13+59 - 13+86.99	RT	31												
R-3	11+87.5 - 12+32.5	LT													
SW-1	13+65 - 13+73	RT		16						52					3
AD-1	11+60.5	LT													
AD-2	13+48.5	LT					1						1		
AD-3	13+67	RT				1									
AD-4	13+94	LT										1			
D-4	13+22	LT						1							
D-5	13+22.0	RT							1						
D-6	9+75	LT							1						
D-7	9+76	RT							1						
C-1	11+50 - 14+02.40	LT									252				
C-2	13+10.76 - 9+61.82	RT									39				
C-3	9+61.77 - 13+86.99	RT									39				
RC-1	13+61	RT			1*										
	TOTAL		63	16	1	1	1	1	3	52	330	1	1		3

* SEE NOTE ON SHEET 11.

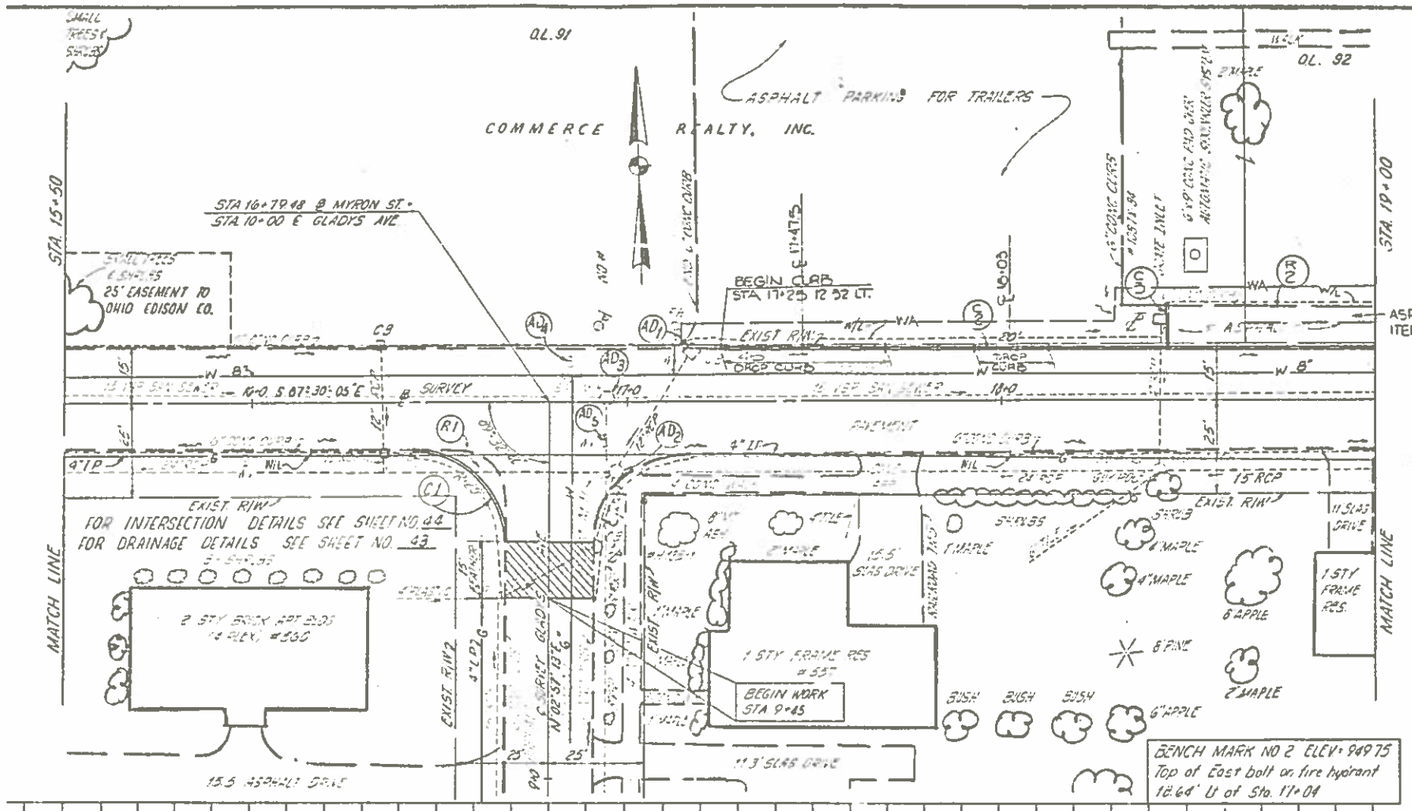
STA. 11+50 To STA. 15+50

COMPUTED BY H.K. DATE 4/9/74
CHECKED BY N.C. DATE 4/9/74

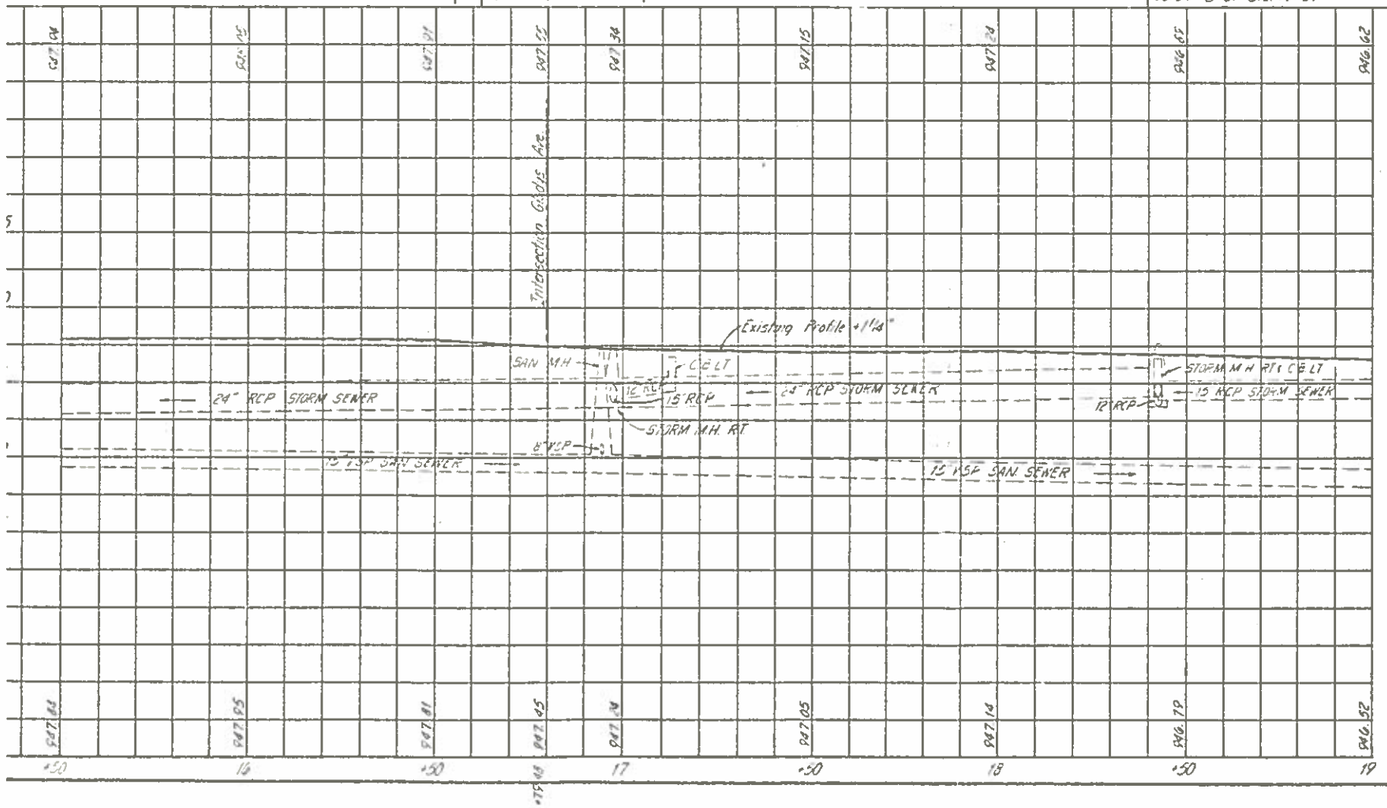
FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A.28(1)	

13/55

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY



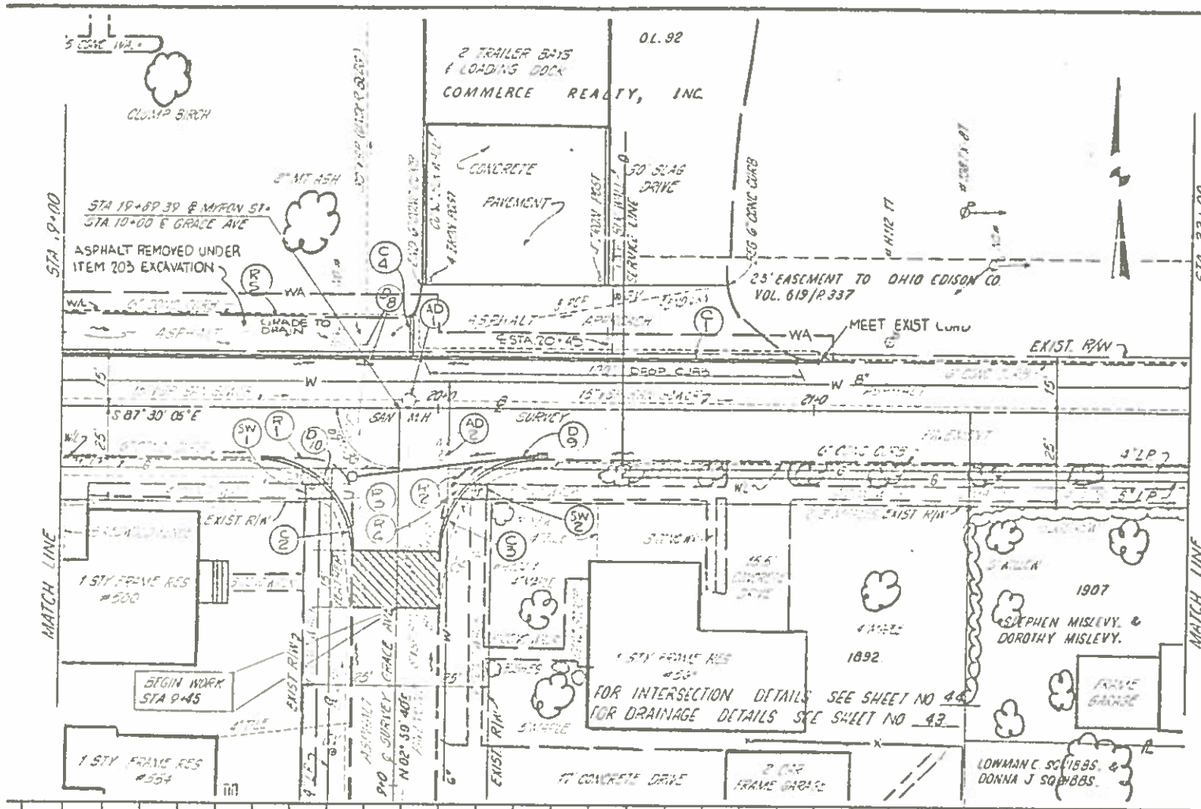
REF NO.	STATION TO STATION	SIDE	202 CURB REMOVED	604 C. BASIN ADJUST TO GRADE	604 MH ADJUST TO GRADE STORM	604 MH ADJUST TO GRADE SAN	609 CONC. CURB & GUTTER TYPE 6	814 VALVE BOX ADJUST TO GRADE
			LF	EA	EA.	EA.	LF	EA.
R-1	16+42.38 - 9+61.12	RT	66					
AD-1	17+12.5	LT		1				
AD-2	16+97.5	RT			1			
AD-3	16+94.4	LT				1		
AD-4	16+85	LT						1
AD-5	16+94	RT						1
C-1	16+42.38 - 9+61.12	RT					40	
C-2	17+25 - 19+00	LT					175	
R-2	18+44 - 19+00	LT	56					
C-3	18+44	LT					12	
TOTAL			100	1	1	1	227	2



STA 15+50 To STA. 19+00

COMPUTED BY H.V. DATE 4/9/74	FHWA REGION	STATE	PROJECT	
CHECKED BY W.C. DATE 4/9/74	5	OHIO	SRIE#1 M ZA 28(1)	

CITY OF HUBBARD
MYRON STREET



REF NO	STATION TO STATION	SIDE	202 CURB REMOVED	202 SIDEWALK REMOVED	603 12" CONDUIT TYPE B	604 STD. NO. 3A CATCH BASIN	604 STD. NO. 3 CATCH BASIN	604 STD NO 1 MANHOLE	604 MANHOLE ADJ TO GRADE-SAN	608 CONC. WALK	609 CONC CURB STD. TYPE 6	814 VALVE BOX ADJ TO GRADE	305 PORT CEM CONC. BASE	608 CURB RAMP	604 Catch Basin Adj. to Grade
			L.F.	S.F.	L.F.	EA.	EA.	EA.	EA	S.F.	L.F.	EA.	S.Y.	Ea.	Ea.
D 8	19+80	LT.					1								1
D 9	19+76-20+28	RT			52	1		1					12		
D 10	19+70	RT				1									
R-1	19+50.21-19+78	RT.	30												
R 2	20+02-20+28.37	RT.	32												
SW-1	19+65-19+78	RT.								28				1	
SW-2	20+06-20+14	RT.								24				1	
R 3	19+65-19+78	RT		47											
R 4	20+03-20+14	RT.		43											
C-1	19+00 21+02	LT.									202				
C 2	19+50.27-19+60.02	RT									59				
C 3	19+61.58-20+28.37	RT.									59				
AD 1	19+92	LT						1							
AD 2	20+01	RT										1			
C 4	19+92	LT									12				
R 5	19+00-19+92	LT	92												
TOTAL			154	50	52	2	1	1	1	52	292	1	12	2	1

STA. 19+00 To STA. 22+00

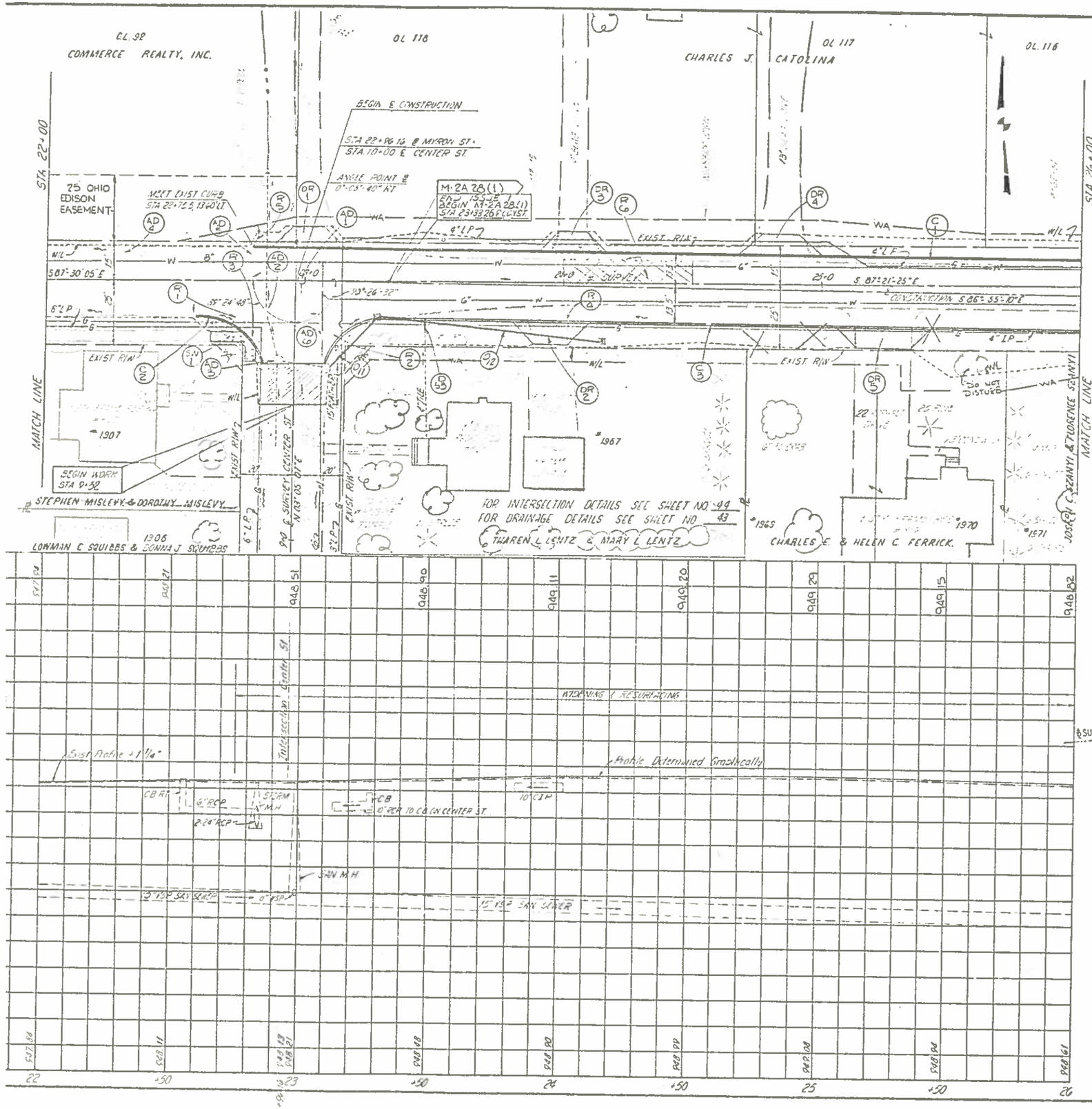
COMPUTED BY H.V. DATE 4/9/74
CHECKED BY WC DATE 4/9/74

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M (2A28(1)	

15/55

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

★ 706.01 CL.3, 706.02, 706.08 E.S. OR 707.13

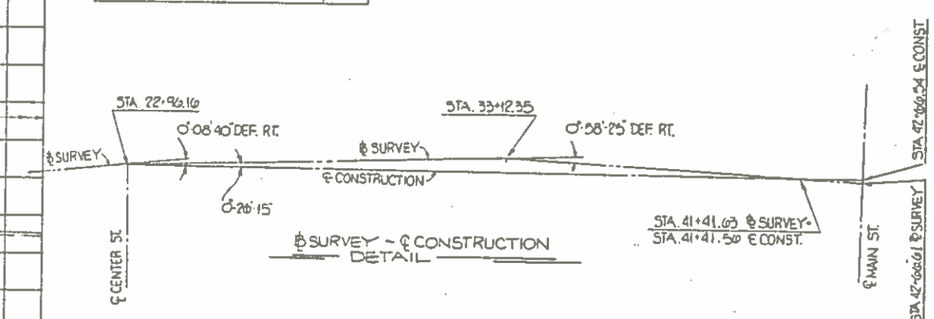


★ INDICATES M-2A28(1) FUNDS

REF NO	STATION TO STATION	SIDE	202 CURB REMOVED L.F.	202 SIDEWALK REMOVED S.F.	202 PIPE REMOVED 24" & UNDER L.F.	609 CONC CURB STD TYPE 6 L.F.	604 STD NO 22B CATCH BASIN EA.	604 STD NO 3A CATCH BASIN EA.	604 MANHOLE ADJ TO GRADE EA.	604 MANHOLE ADJ TO GRADE & AN EA.	608 CONC WALK SF	603 12" CONDUIT TYPE C L.F.	452 PL. PORT CEM CONC PAVT. S.Y.	814 VALVE BOX ADJ. TO GRADE EA.	603 #12 CONDUIT TYPE C	603 4" CONDUIT TYPE #1 L.F.
R-1	22+60.21-9+68	RT	38													
* R-2	9+67-23+22	RT	26													
R-3	22+64-22+84	RT		112												
** R-4	23+85.5-24+02.5	RT			19											
*** R-5	22+75.5-22+97	LT	5													
C-1	22+75.5-26+00	LT				225										
C-2	22+60.21-9+68	RT				32										
* C-3	9+67-26+00	RT				301										
*** D-11	9+66-23+28	RT						1				26				
D-12	23+28-24+15	RT					1									
SN-1	22+64-22+82	RT									84				88	
AD-1	22+98	℄						1								
AD-2	22+85	RT							1							
AD-3	9+68	LT							1							
AD-4	22+29	LT												1		
AD-5	22+80	LT												1		
AD-6	23+07	RT												1		
* DR-1	23+00	LT											17.33			
** DR-2	23+94	RT											20			
*** DR-3	24+02	LT											15.50			
*** DR-4	24+82	LT											18			
*** DR-5	25+22.5	RT											26.2			
* DS5	23+26.5	RT														6
TOTAL			69	112	19	655	1	1	1	2	84	26	97.09	3	88	6
TOTAL ISSUE #1			28	112	0	32	0	0	1	2	84		0	3	0	0
TOTAL M-2A28(1)			31	0	19	626	1	1	0	0	0	26	97.09	0	88	6

REF NO.	STATION TO STATION	SIDE	202 WEARING COURSE REMOVED S.Y.
* R-6	24+00-24+50	LT	50
TOTAL			50

WEARING COURSE REMOVED

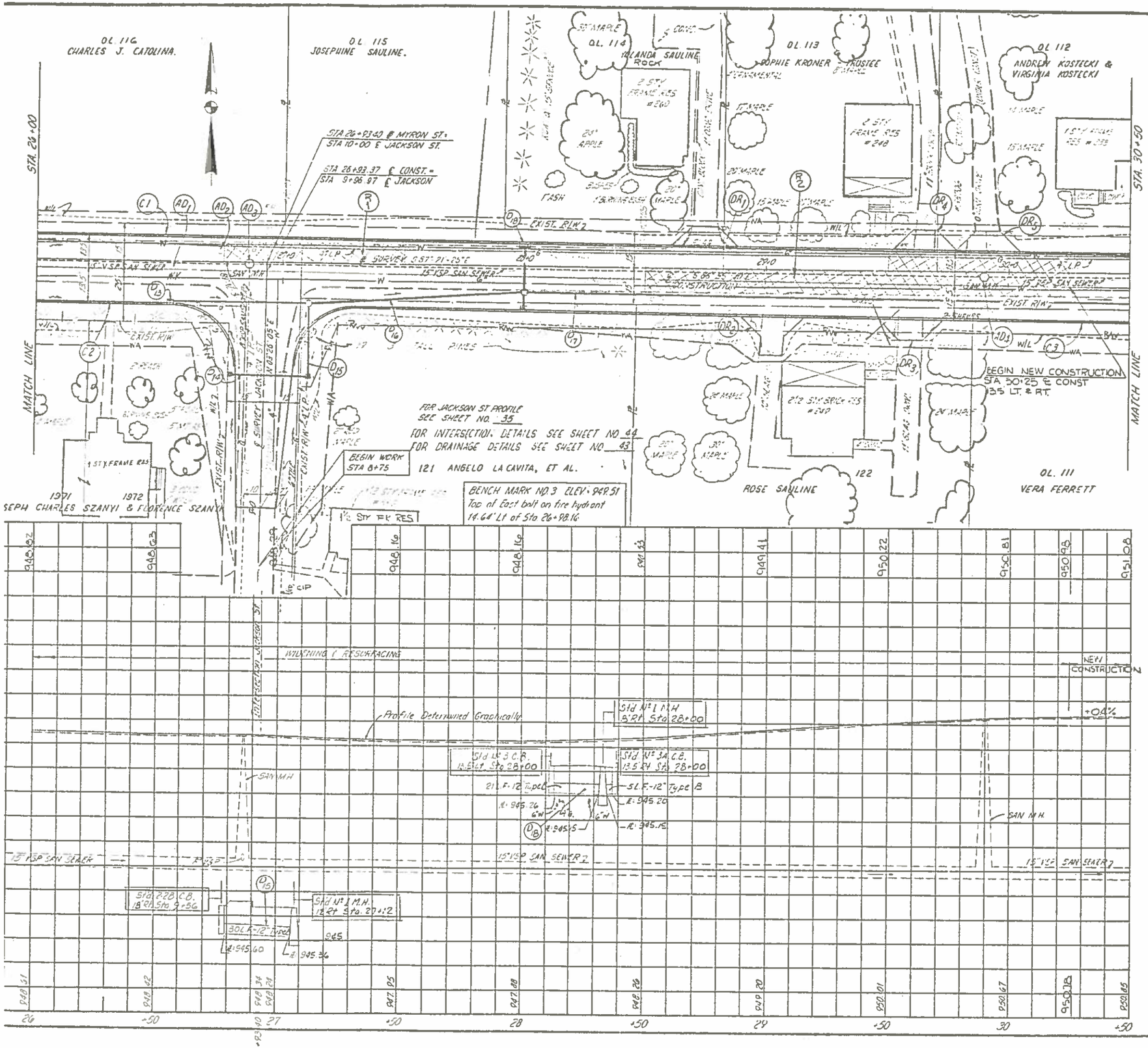


℄ SURVEY - ℄ CONSTRUCTION DETAIL

STA. 22+00 To STA. 26+00

COMPUTED BY H.V. DATE 4/10/74	FHWA REGION	STATE	PROJECT		16
CHECKED BY W.C. DATE 4/10/74	5	OHIO	ISSUE #1 M-2A28(1)		55

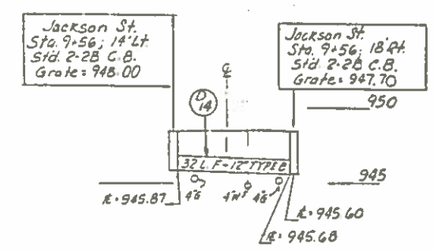
CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY



REF NO.	STATION TO STATION	SIDE	604 STANDARD NO 1 MH	604 MH ADJUST TO GRADE SAN.	604 STANDARD YD NO 2-28 C.B.&S.N.	604 STANDARD NO 3 C.BASIN	604 STANDARD NO 3A C.BASIN	603 12" CONDUIT TYPE B	603 15" CONDUIT TYPE B		609 CONC CURB STD TYPE B	614 VALVE BOX ADJUST TO GRADE
			EA.	EA.	EA.	EA.	EA.	LF.	LF.		L.F.	EA.
C-1	26+00 - 30+50	LT.									450	
C-2	26+00 - 9+38.01	RT.									460	
C-3	9+59.12 - 30+50	RT.									359	
D-13	26+54 - 27+12	RT.	1				1	58				
D-14	9+56	L-R			1			32				
D-15	9+55 - 9+86	RT.			1			30				
D-16	27+12 - 28+00	RT.	1					88				
D-17	28+00 - 30+50	RT.							250			
D-18	28+00	L-R				1	1	86				
AD-1	25+55	RT.										1
AD-2	26+74	LT										1
AD-3	26+86.5	℄		1								
AD-4	29+90	RT		1								
TOTAL			2	2	2	1	2	234	250		905	2

REF NO.	STATION TO STATION	SIDE	452 PL. PORT CEM. CONC. PVMT. 8"	301 BIT. AGGR. BASE.	202 PAVEMENT REMOVED	404 ASPHALT CONC. (DRIVEWAYS)	202 WEARING COURSE REMOVED
			SQ YD	CU YD	SQ YD.	CU YD	SQ YD
DR-1	28+71.7	LT.	16.4		5.0		
DR-2	29+01	RT.	15.56	0.97		0.25	
DR-3	29+58	RT.	16.4				
DR-4	29+51	LT.	16.4				
DR-5	29+99	LT.	15.56				
R-1	26+15 - 27+50	LT.					75
R-2	28+50 - 30+25	L-R					241
TOTALS			80.32	0.97	5.0	0.25	316

WEARING COURSE REMOVED

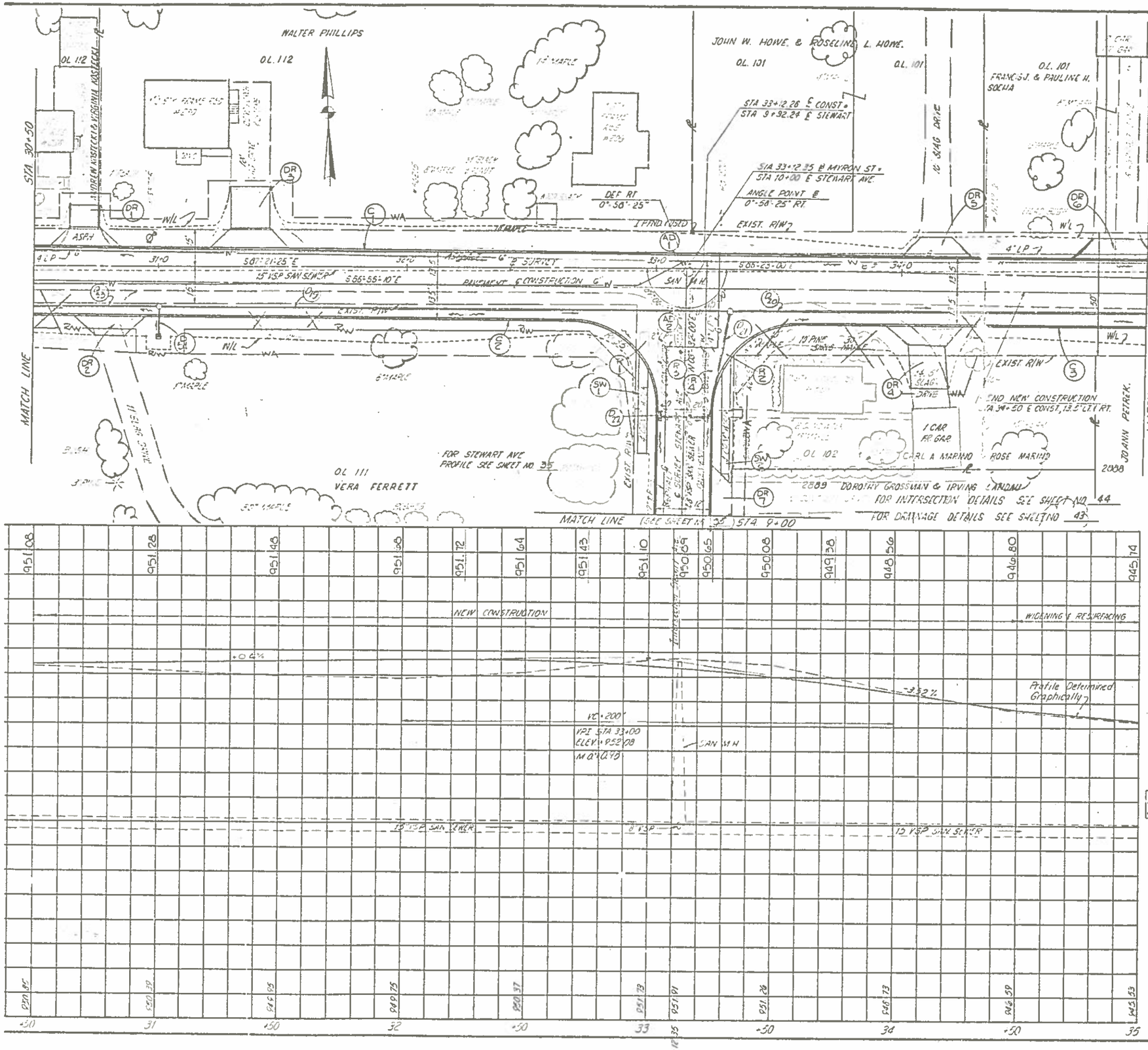


STA. 26+00 To STA. 30+50

COMPUTED BY H.V. DATE 4/10/74
CHECKED BY W.C. DATE 4/10/74

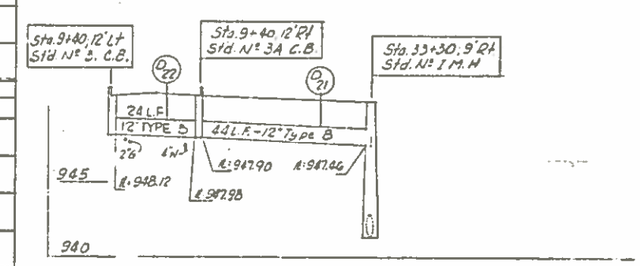
FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28(1)	

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY



REF NO.	STATION TO STATION	SIDE	603 12" CONDUIT TYPE B	604 STD. NO. 1 MANHOLE	603 12" CONDUIT TYPE B	603 12" CONDUIT TYPE B	604 STD. NO. 3 CATCH BASIN	604 STD. NO. 3A CATCH BASIN	604 MANHOLE ADJ. TO GRADE (EXIST.)	604 STD. NO. 2-2B CATCH BASIN		
			L.F.	EA.	L.F.	L.F.	EA.	EA.	EA.	EA.		
D-53	30+50-31+00	RT.	50									
D-19	31+00-33+30	RT.	230	1								
D-20	33+30-35+00	RT.			170							
D-21	9+40-33+30	RT.				44						
D-22	9+40	L.R.				24	1	1				
D-51	31+00	RT.				12				1		
AD-1	33+13	℄							1			
TOTAL			280	2	170	80	1	1	1	1		

REF NO	STATION TO STATION	SIDE	202 CURB REMOVED	202 SIDEWALK REMOVED	608 4" CONC. WALK	608 CURB RAMP	604 MANHOLE ADJ. TO GRADE STORM	452 PC. PORT CEM CONC. PVMT. 9"	609 CONC. CURB STD. TYPE G	404 ASPHALT CONC. DRIVEWAYS	301 BIT. AGGR. BASE	202 PAVEMENT REMOVED
			L.F.	S.Y.	S.F.	EA.	EA.	S.Y.	L.F.	C.Y.	C.Y.	S.Y.
C-1	30+50-35+00	LT.							450			
C-2	30+50-9+00	RT.							314			
C-3	9+00-35+00	RT.							240			
DR-1	30+66.6	LT.						26.18				11
DR-2	30+68	RT.						16.64				
DR-3	31+33	LT.						22.67		0.9	3.74	
DR-4	34+09	RT.						19.56		0.1	3.01	
DR-5	34+12	LT.						15.56				
DR-6	34+85.7	LT.						20.89				
DR-7	9+06.4	RT.						18.28				10
SW-1	9+25-9+65	LT.			152	1						
SW-2	9+16-9+64	RT.			182	1						
R-1	9+25-9+74	LT.		196								
R-2	9+16-9+68	RT.		208								
R-3	9+00-9+65	LT.	65									
R-4	9+00-9+65	RT.	65									
AD-2	9+65	℄					1					
TOTAL			130	404	334	2	1	159.54	1004	1.6	6.75	21



STA. 30+50 To STA. 35+00

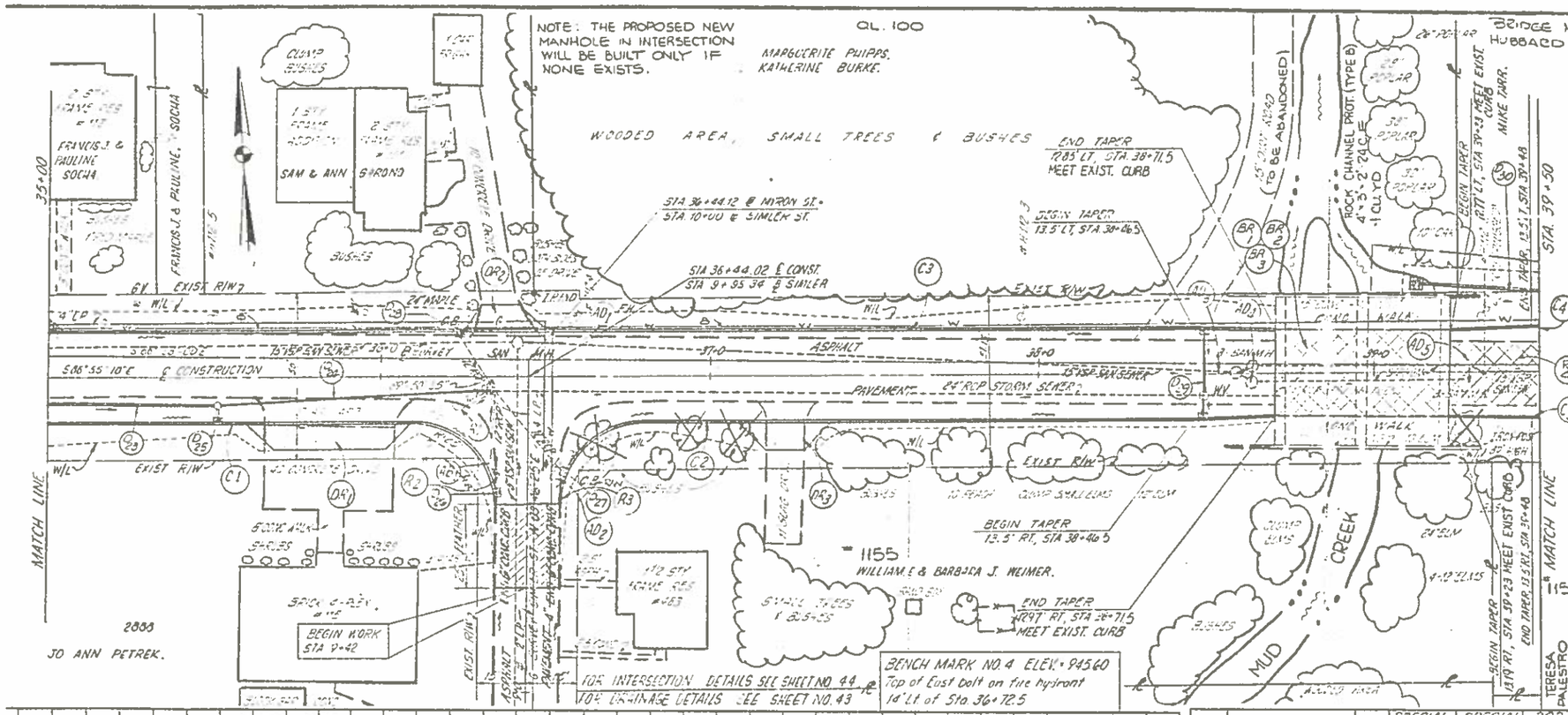
FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2428(1)	

18/55

COMPUTED BY H.V. DATE 9/11/24
CHECKED BY W.C. DATE 9/11/24

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

* 706.01 CL. 3, 706.02, 706.08 E.S. OR 707.13



* PIPE THROUGH

REF NO	STATION TO STATION	SIDE	602 CONC. MASONARY (CU. YD.)	601 ROCK CHAN'L PROT. TYPE B W/BEDDING (CU. YD.)	305 PORT CEM CONC BASE 9" (SQ. YD.)	202 C. BASIN ABANDONED (EA.)	604 STD. NO 1 M.H. (EA.)	604 STD. NO. 3A C. BASIN (EA.)	603 18" CONDUIT TYPE B (LF)	603 12" CONDUIT TYPE B (LF)	603 12" CONDUIT TYPE C * (LF)
AB-1	9+65	LT.				1 *					
D-23	35+00 - 35+50	RT.							50		
D-24	35+20 - 36+34	RT.			19		2		84		
D-25	35+50	RT.						1		5	
D-26	9+60 - 9+69	LT.						1		8	
D-27	9+65	RT.						1			
D-28	35+24	LT.						1			
D-29	38+50	L-R			11		1	2		26	
D-30	39+14 - 39+50	LT.	0.21	1							36
TOTAL			0.21	1	30	1	3	6	134	39	36

WEARING COURSE REMOVED

REF NO.	STATION TO STATION	SIDE	604 MH ADJUST TO GRADE SAN (EA.)	614 VALVE BOX ADJUST TO GRADE (EA.)	609 CURB STANDARD TYPE 6 (LF)	452 PL. PORT CEM CONC PVMT 8" (SQ. YD.)	202 PVMT REMOVED (SQ. YD.)	202 CURB REMOVED (LF)	202 CATCH BASIN REMOVED (EA.)	202 WEARING COURSE REMOVED (SQ. YD.)
R-2	9+57.04 - 9+67	LT.						10		
R-3	9+57 9+66	RT.						9		
AD-1	35+41	LT.	1							
AD-2	9+63	RT.		1						
AD-3	38+54	RT.		1						
AD-4	38+60	℄	3							
AD-5	39+30	℄	3							
DR-1	35+84.6	RT.				37.8	35.5			
DR-2	36+39	LT.				15.56	16			
DR-3	37+22.9	RT.				16.4				
C-1	35+00 - 9+57.04	RT.			149					
C-2	9+57.04 - 38+71.5	RT			252					
C-3	35+00 - 38+71.5	LT			372					
C-4	35+23 - 39+50	LT			27					
C-5	39+23 - 39+50	RT			37					
R-1	36+23	RT.							1	
R-4	39+23 - 39+50	L-R								74
TOTAL			7	2	807	69.76	51.5	19	1	74

REF. NO.	STATION TO STATION	SIDE	SPECIAL DECK REPAIR (SQ. YD.)	SPECIAL MEMBRANE WATER-PROOFING (SQ. YD.)	202 SIDEWALKS & CURBS REMOVED (SQ. YD.)
BR-1	38+73 - 39+21	L-R	100		
BR-2	38+73 - 39+21	L-R		139	
BR-3	38+71.5 - 39+23	L-R			149
TOTAL			100	139	149

EXISTING STRUCTURE
TYPE : CONCRETE SLAB BRIDGE
SPAN : 2 SPANS @ 24'-0" EA
ROADWAY WIDTH : 26'
SAFE LOAD : H-20
SKEW : 0°
WEARING SURFACE : ASPHALT
ALIGNMENT : TANGENT
CONDITION : GOOD

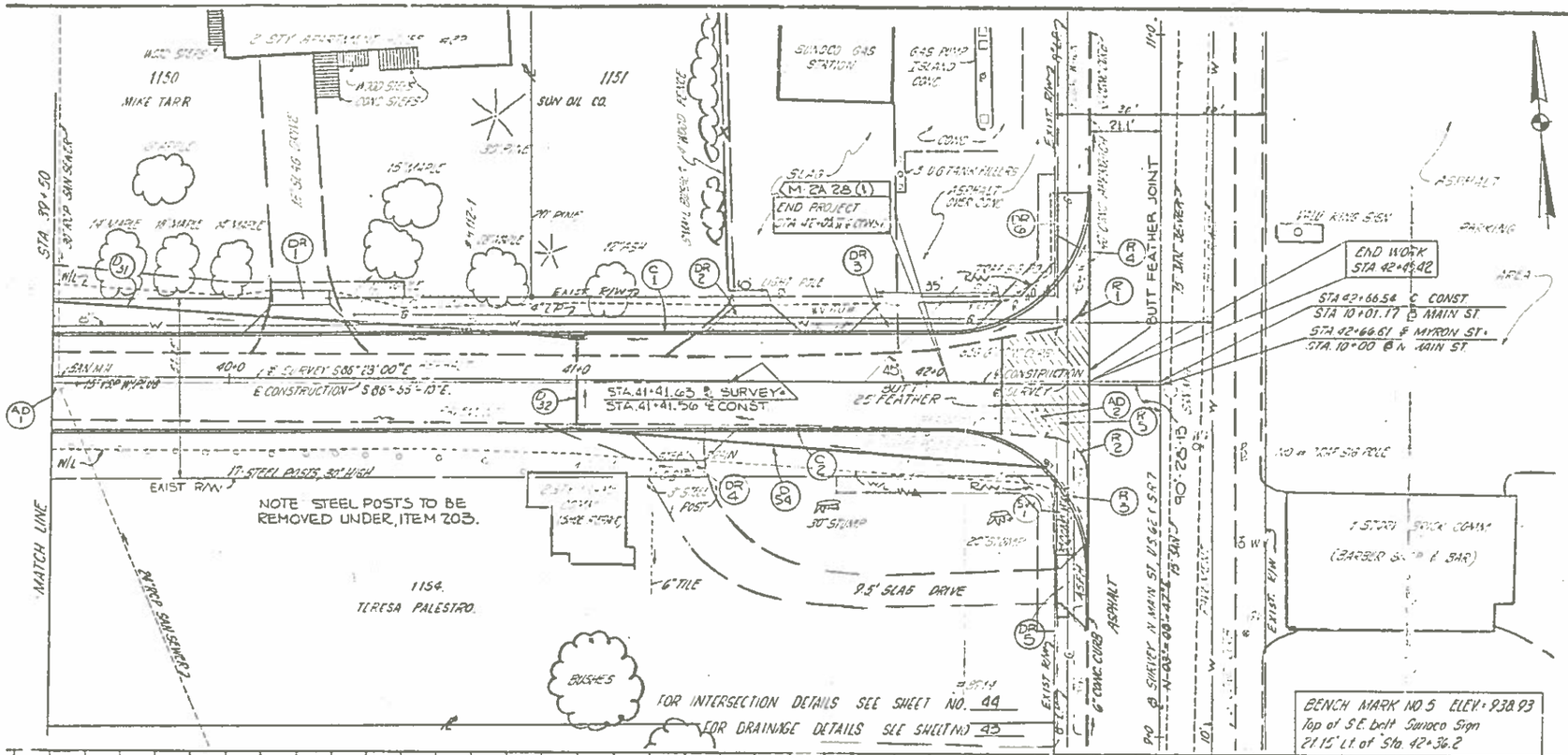
STA. 35+00 To STA. 39+50

COMPUTED BY HV DATE 4/11/74	FHWA REGION	STATE	PROJECT	
CHECKED BY MC DATE 4/11/74	5	OHIO	ISSUE M 2A28(1)	

19
55

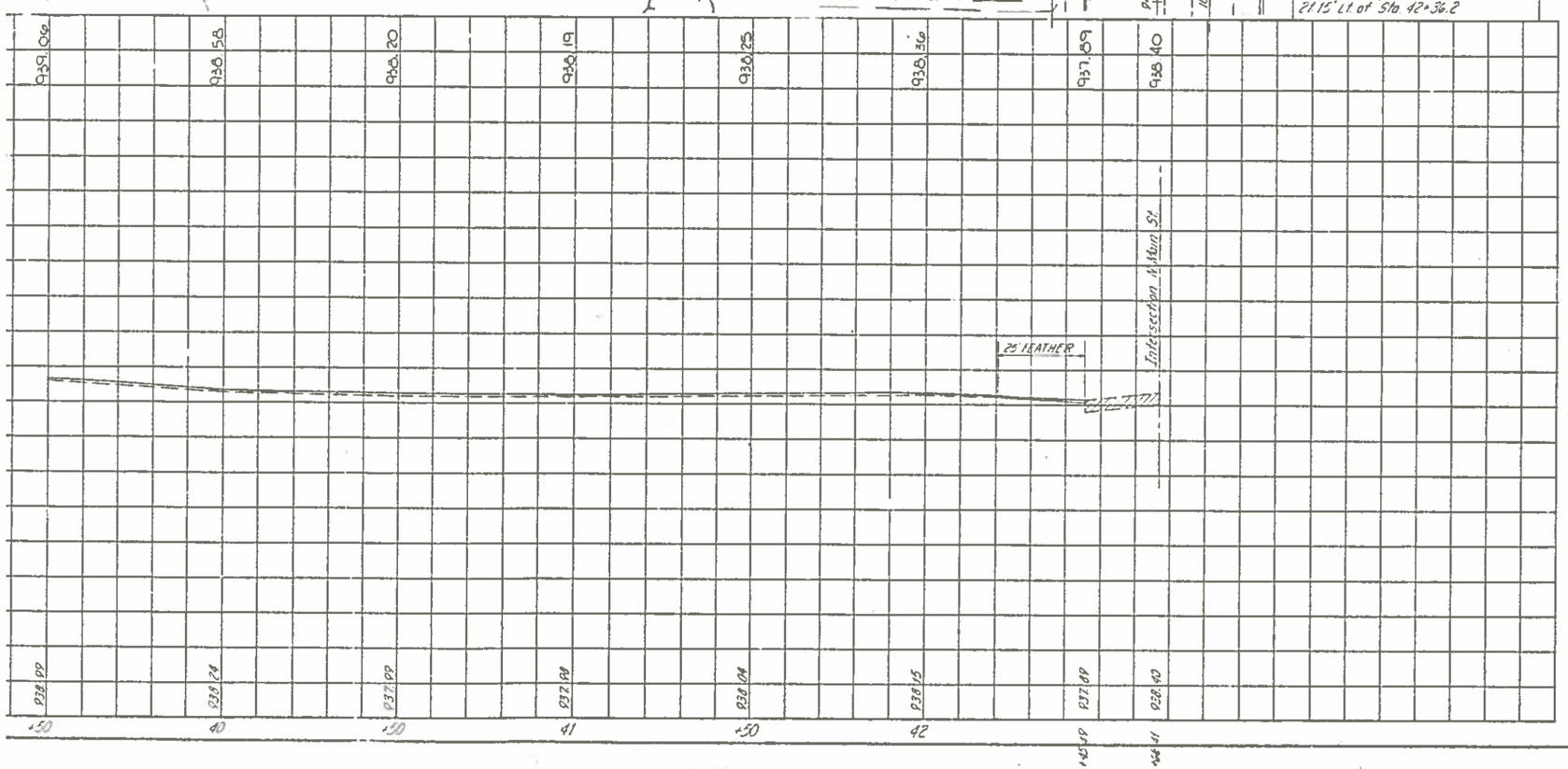
CITY OF HUEBARD
MYRON STREET
TRUMBULL COUNTY

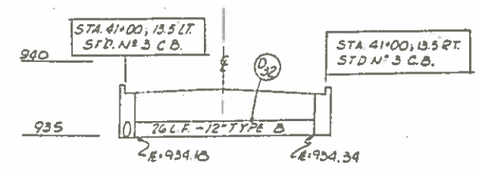
★ 706.01 CL. 3,
706.02, 706.08 E.S.
DR 707.13



REF. NO.	STATION TO STATION	SIDE	603 ★12" CONDUIT TYPE C	603 12" CONDUIT TYPE B	604 C.B. STD B (1)	604 C.B. STD B (3A)	452 PL. PORT. CEM CONC. PVMT. G	452 PL. PORT. CEM CONC. PVMT. G	404 ASPHALT CONC DRIVEWAYS	301 BIT. AGGR. BASE	202 PAVEMENT REMOVED	609 CONC CURB STD. TYPE G	202 CURB REMOVED	202 WALK REMOVED
			L.F.	L.F.	EA		S.Y.	S.Y.	C.Y.	C.Y.	S.Y.	L.F.	L.F.	S.F.
D-31	39+50 - 41+00	LT.	150											
D-32	41+00	L.R		26	2									
DR 1	40+20	LT.					20		0.18	0.73				
DR 2	41+50	LT.						15.56						
DR 3	41+95	LT.						31.11			23			
DR 4	41+29	RT.						18.00						
DR 5	9+62	LT.						16.50						
C-1	39+50 - 10+53.45	LT.										318		
C-2	39+50 - 9+30	RT.										335		
R-1	42+31 - 10+53.45	LT.											41	
R-2	42+35 - 9+30	RT											60	
R-3	9+34 - 9+84	LT.												250
R-4	10+16 - 10+54	LT												332
DR 6	10+38 - 10+54	LT						11.67						
D-54	41+00 - 42+35	RT.	135											
TOTAL			285	26	2	1	20	92.04	0.18	0.73	23	653	101	582

REF NO.	STATION TO STATION	SIDE	608 CONC WALK 4	604 MANHOLE ADJ TO GRADE-SAN	604 VALVE BOX ADJ TO GRADE	202 WEARING COURSE REMOVED	608 CURB RAMP
			S.F.	EA.	EA.	S.Y.	Ea.
SW 1	9+52 - 9+72	LT.	81				1
AD 1	39+52	℄		1			
AD 2	42+32	RT.			1		
R-5	42+20 42+42 - 42+42	L.R				83	
TOTAL			81	1	1	83	1





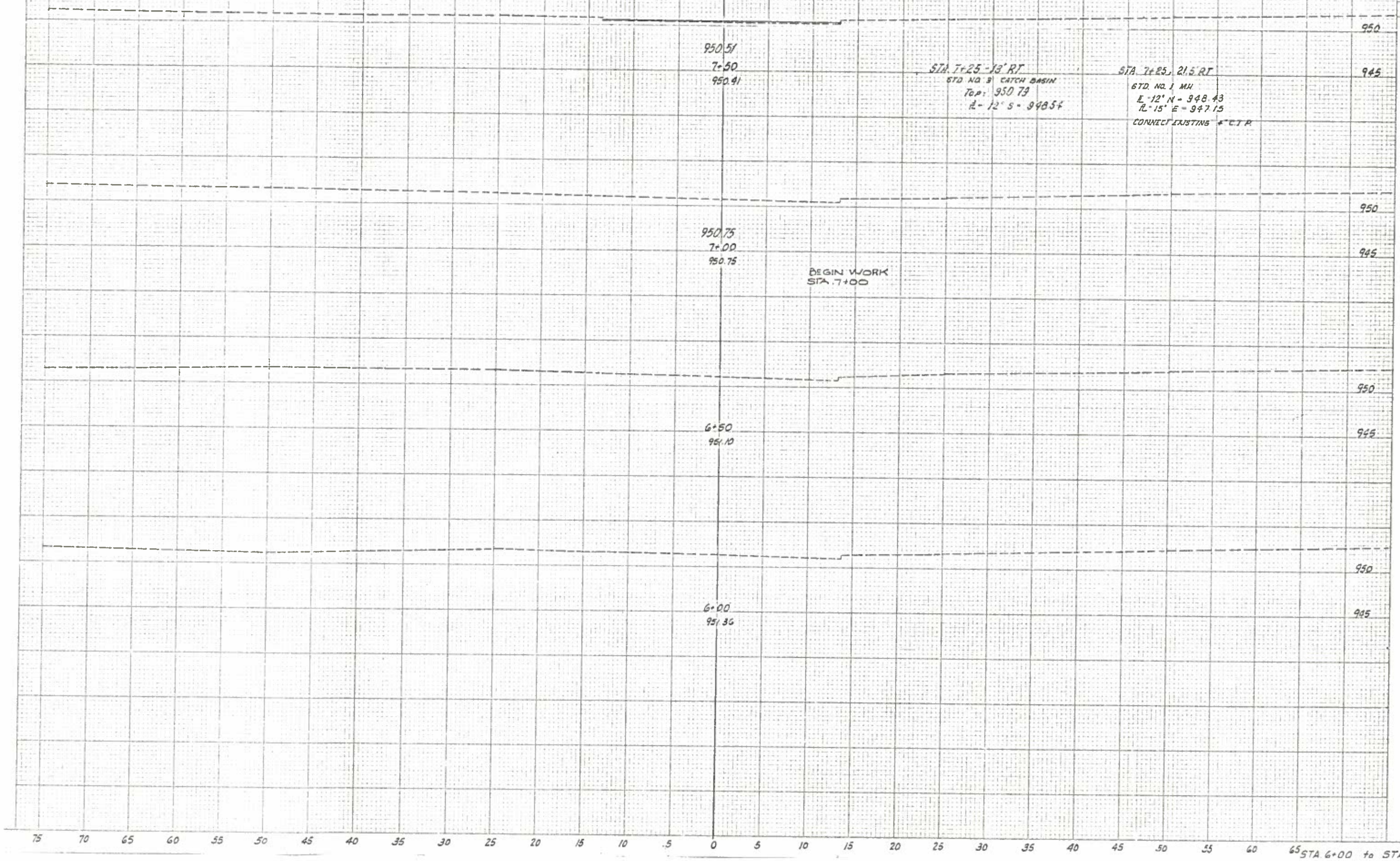
STA 39+50 To STA 42+66.61

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A28 (1)	

20/55

A.V. 4/10/74
W.C. 4/15/74

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY



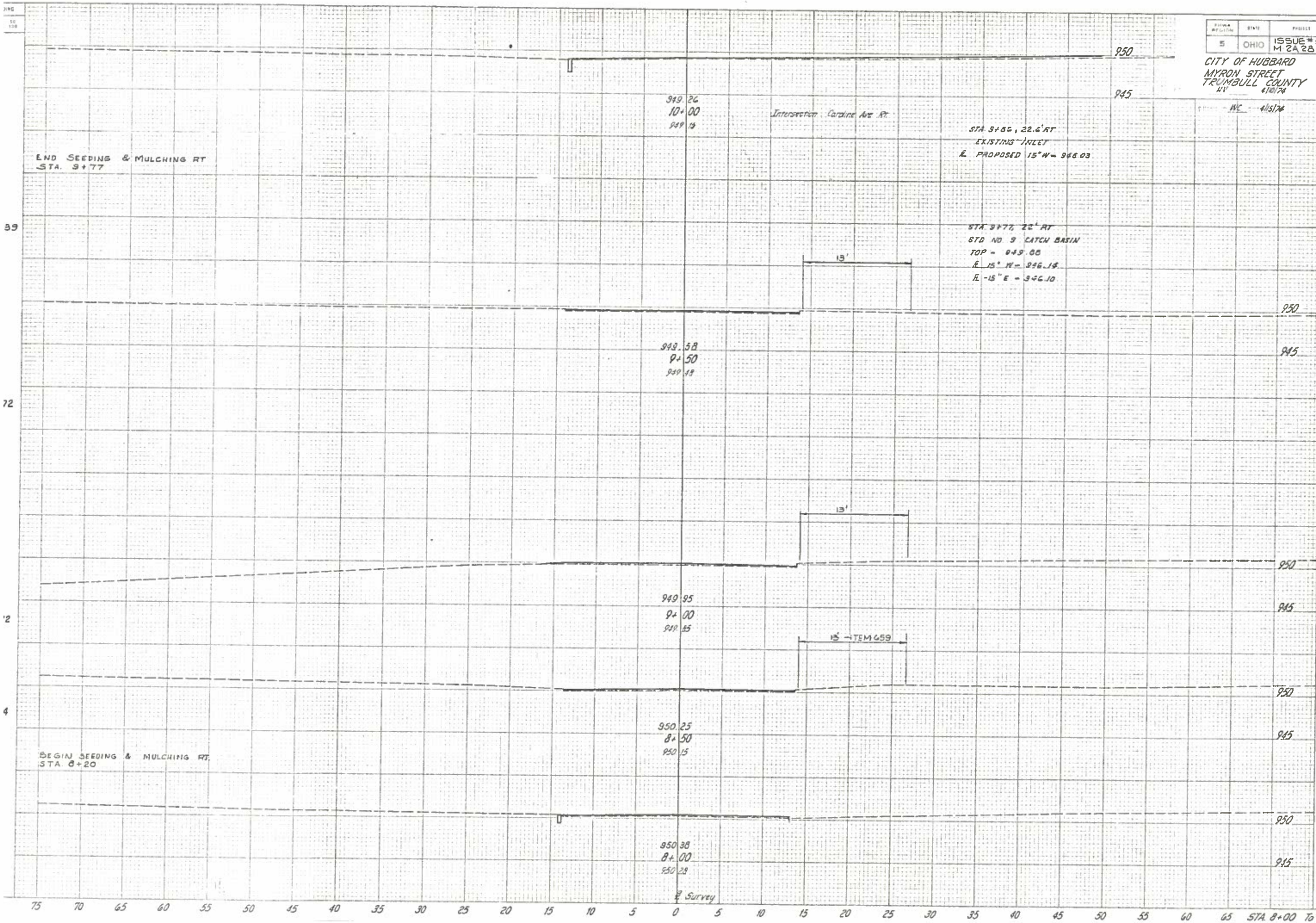
END AREA		VOLUME	
CUT	FILL	CUT	FILL

FEDERAL REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A 28(1)	

21/55

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY
WV 6/10/74

WC 4/15/74



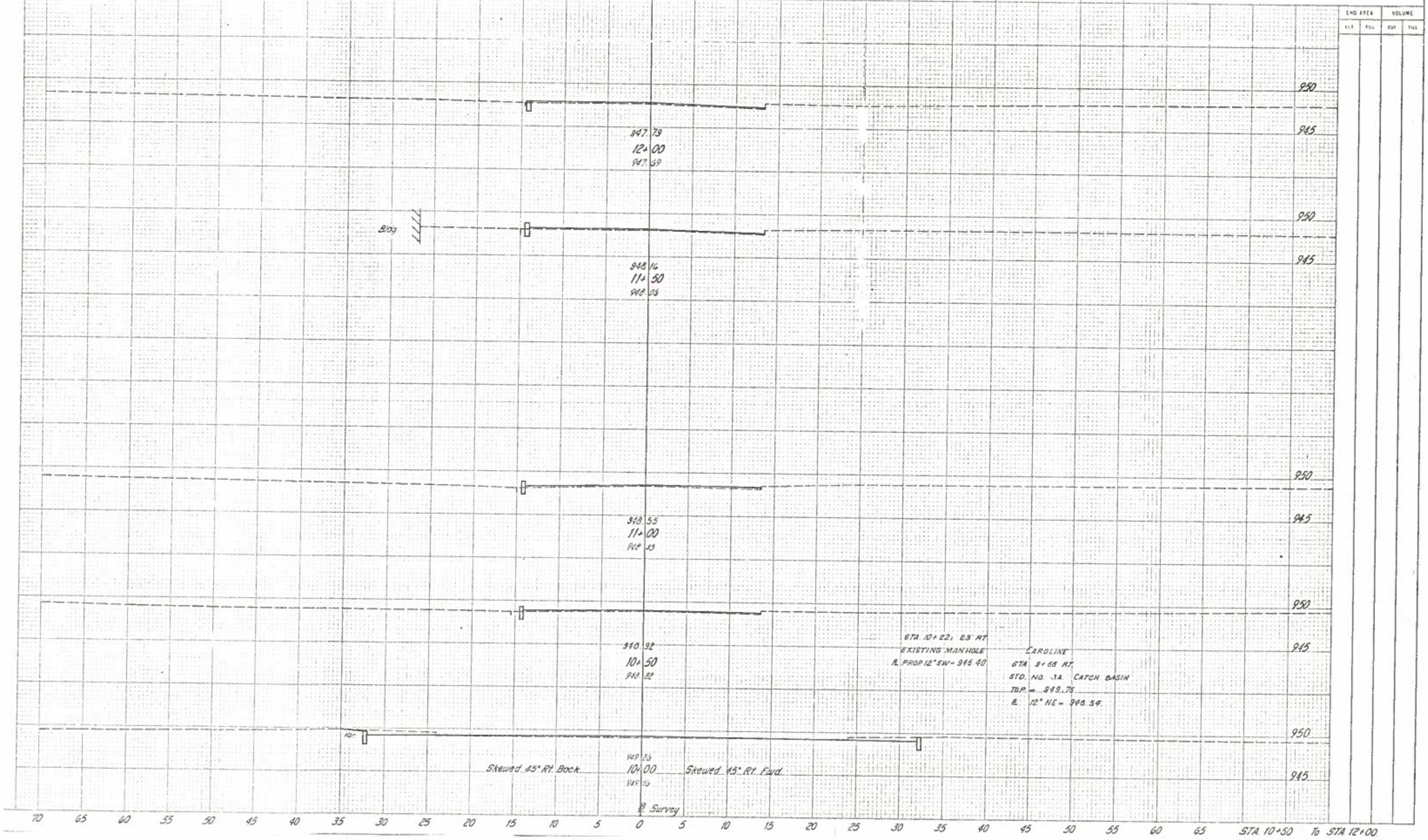
END AREA		VOLUME	
CUT	FILL	CUT	FILL

FHWA REGION	STATE	PROJECT
5	OHIO	ISSUE #1 M 2A 28(1)

22/55

HV 4/12/74
WC 4/15/74

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

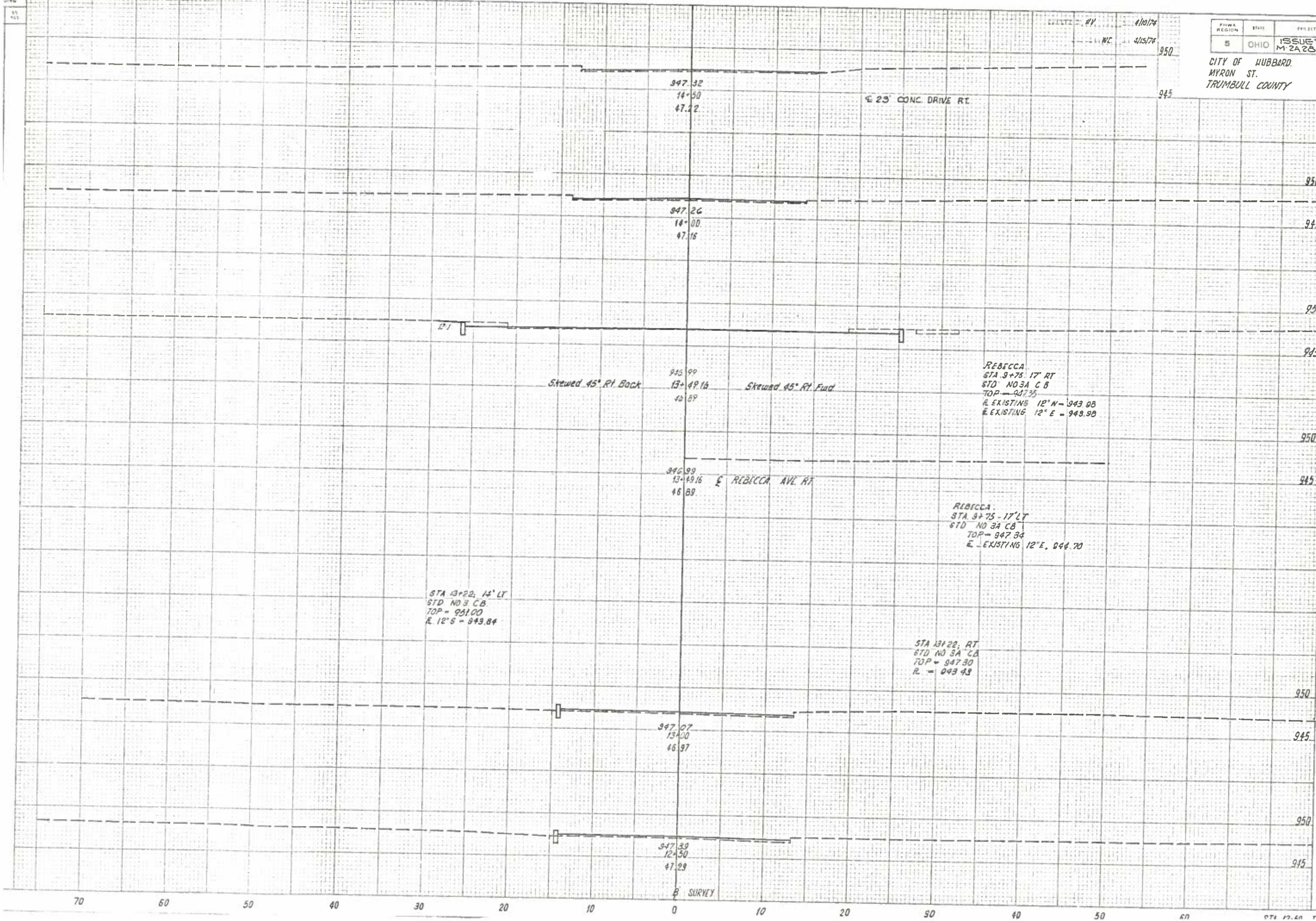


FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE # 1 M-2A28(1)	

23
55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

RV 4/10/74
WC 4/15/74



END AREA		VOLUME	
CUT	FILL	CUT	FILL

SEEDING

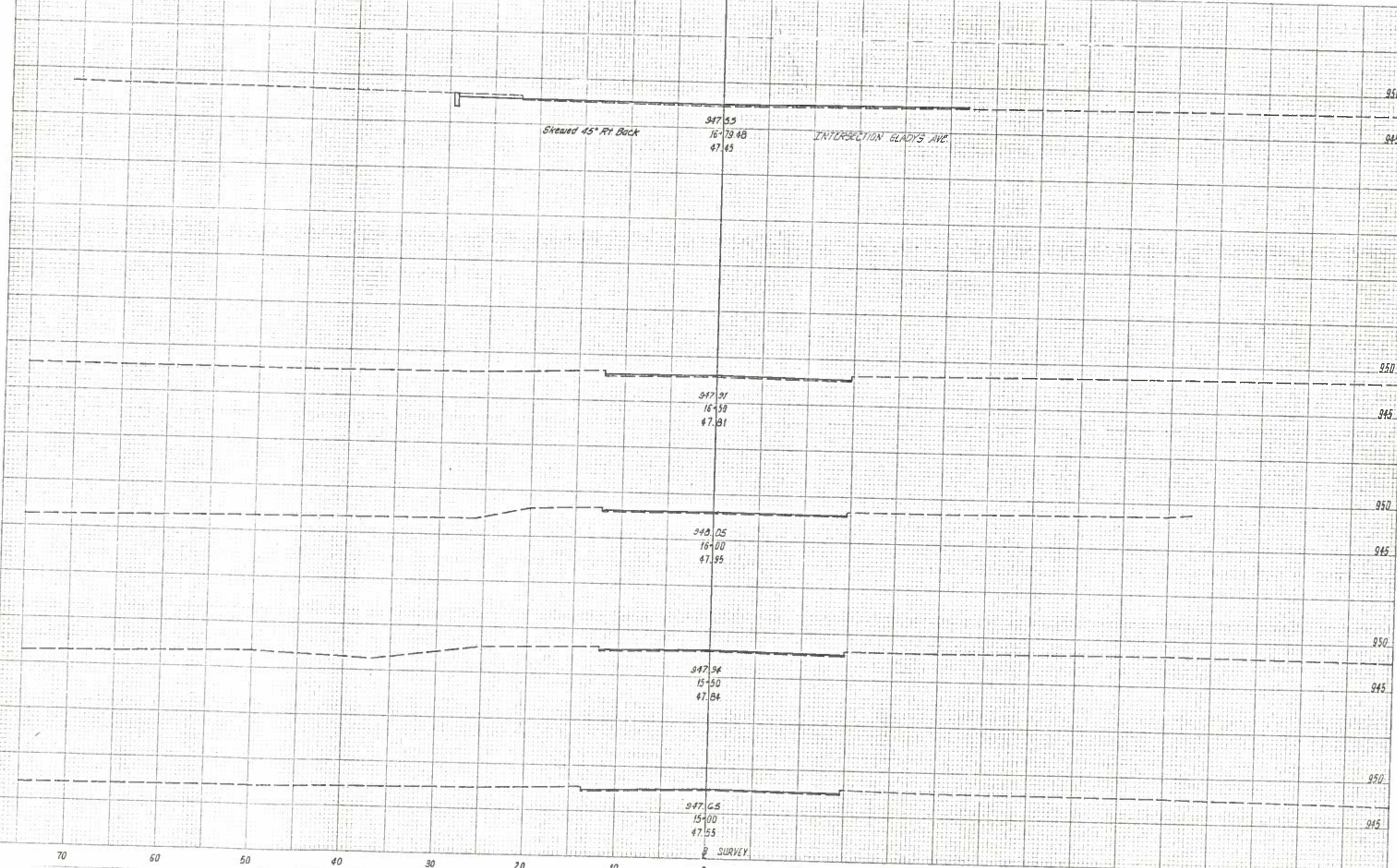
END STA	TO STA

CHKD.	H.V.	4/10/06
DWN.	N.C.	4/15/06

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A 28-(1)	

84/55

CITY OF HUBBARD
MYRON ST
TRUMBULL COUNTY



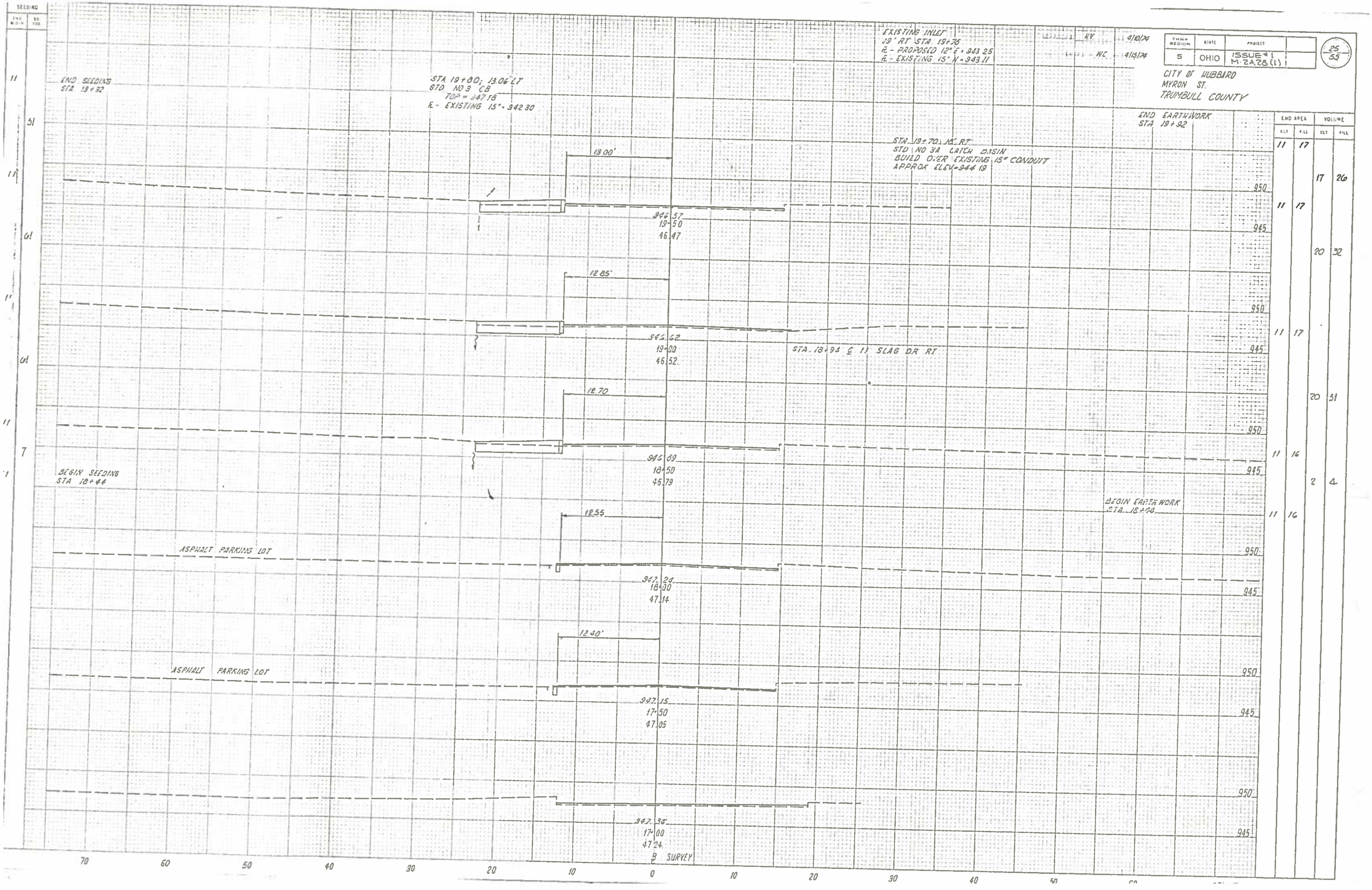
END AREA		VOLUME	
CUT	FILL	CUT	FILL

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE-1 M-2A28(1)	

25/55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

HV 4/10/74
WC 4/15/74

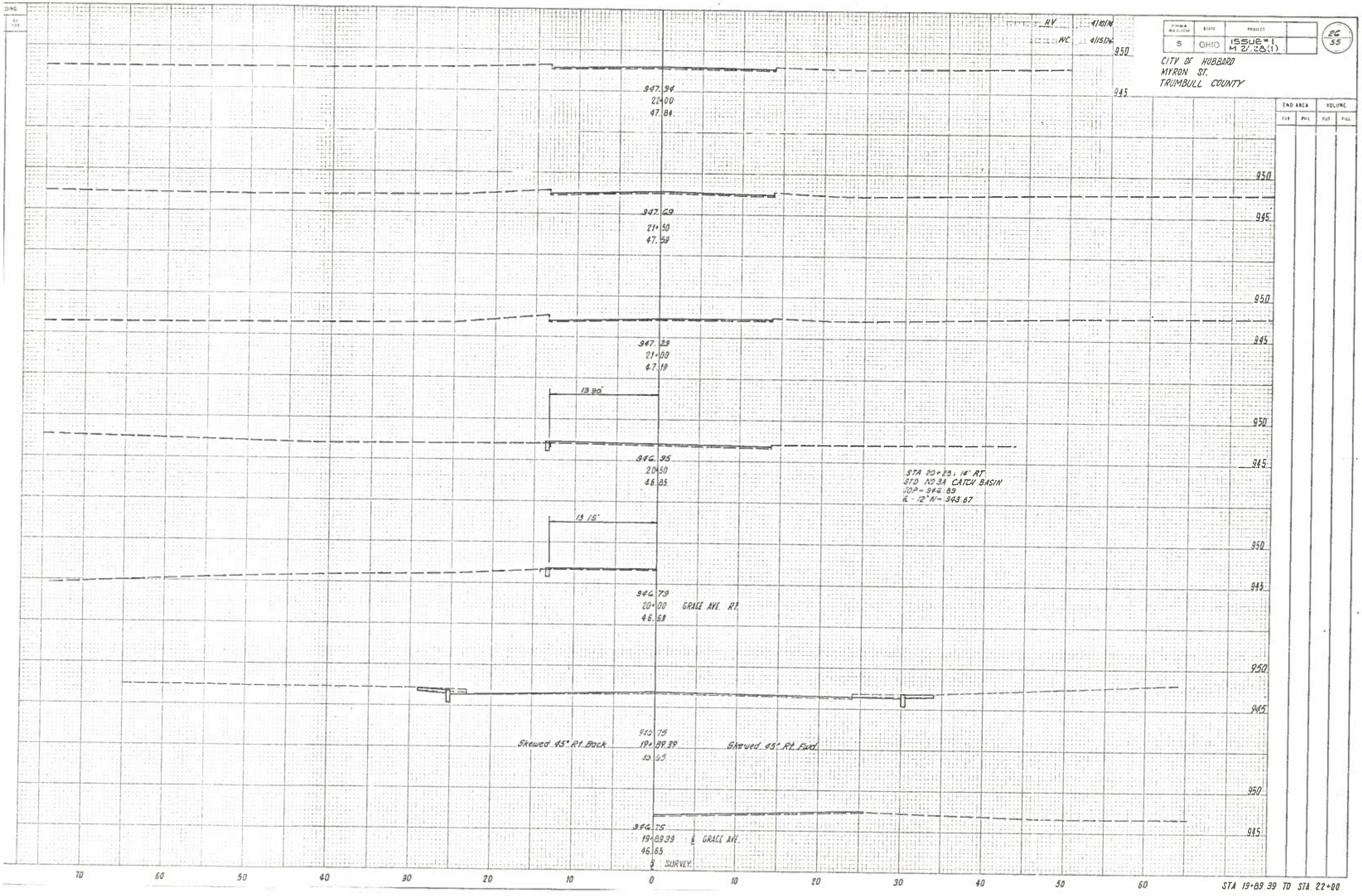


FEDERAL REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 27.28(1)	

26/55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

HV 4/10/74
WC 4/15/74

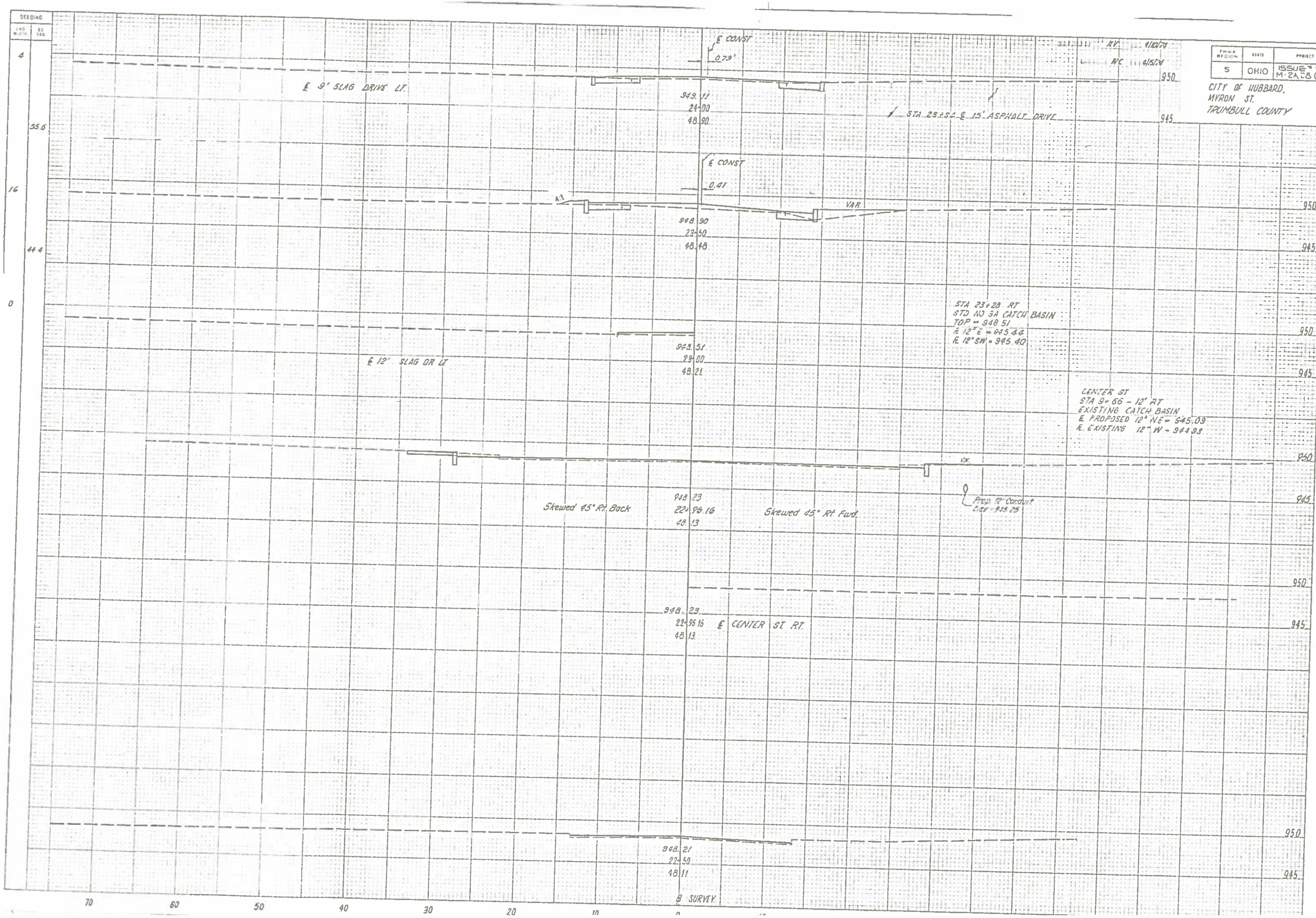


END AREA		VOLUME	
CUT	FILL	CUT	FILL

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28 (1)	

27/55

CITY OF HUBBARD.
MYRON ST.
TRUMBULL COUNTY

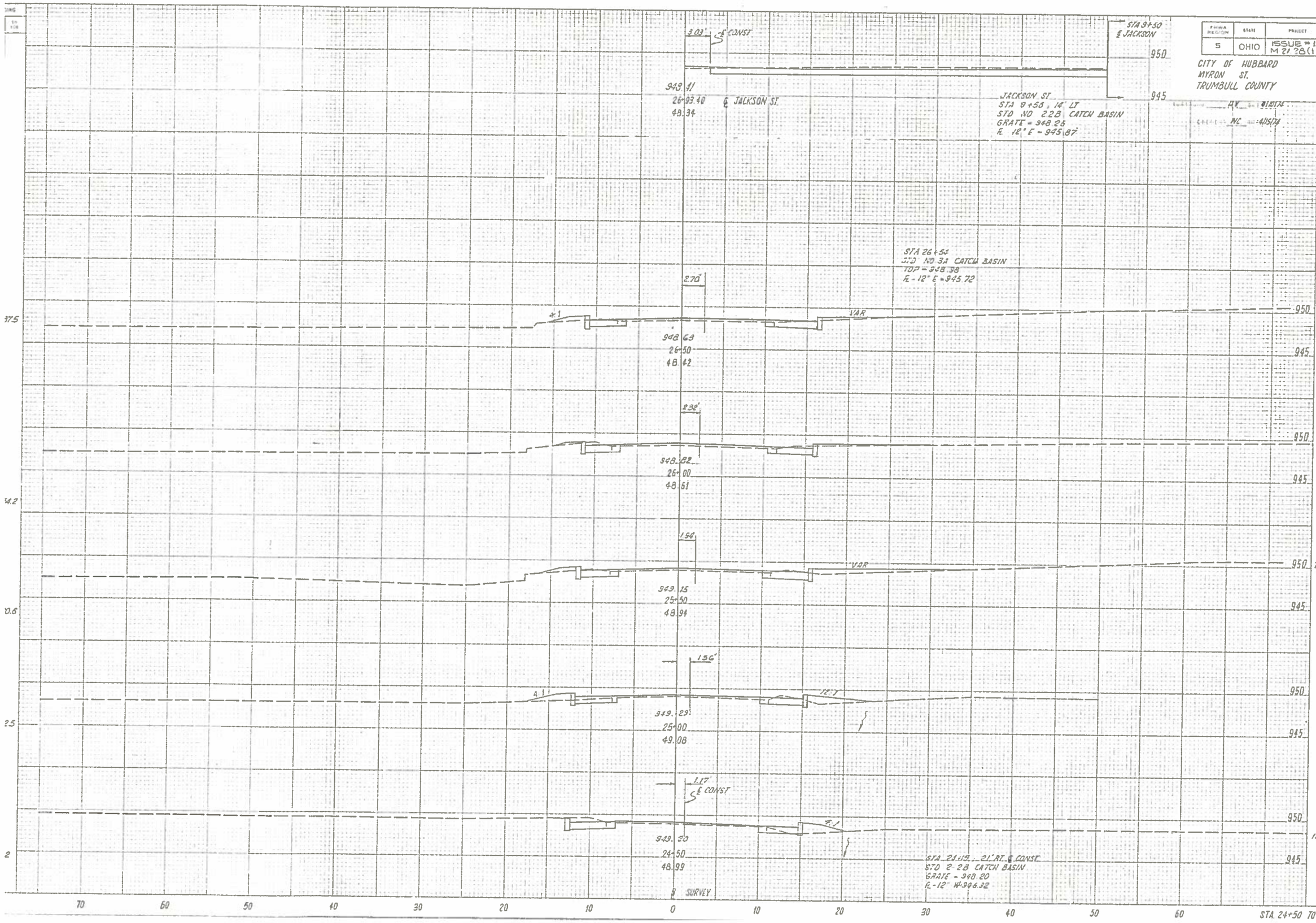


END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
6	0		
		10.2	6.5
5	7		
		4.6	6.5
0	0		

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE # 1 M 21 28(1)	

28
55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

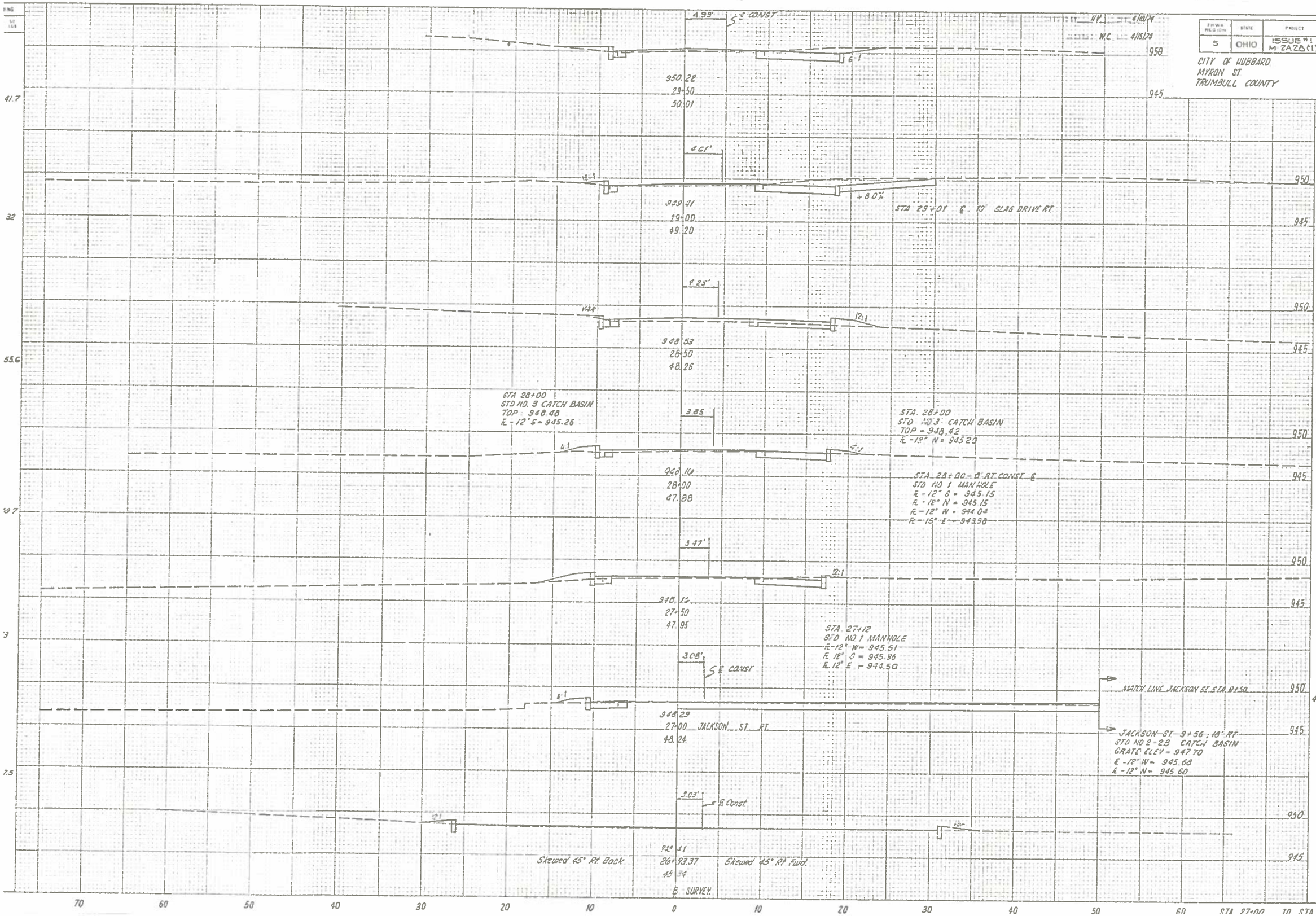


	END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
950	6.3	1.5		
945			12.8	2.3
950	7.5	1		
945			13.9	5.6
950	7.5	5		
945			12.5	10.2
950	6	6		
945			16.7	10.2
950	12	5		
945			16.7	4.8

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M ZA28(1)	

29 / 55

CITY OF HUBBARD
MYRON ST
TRUMBULL COUNTY

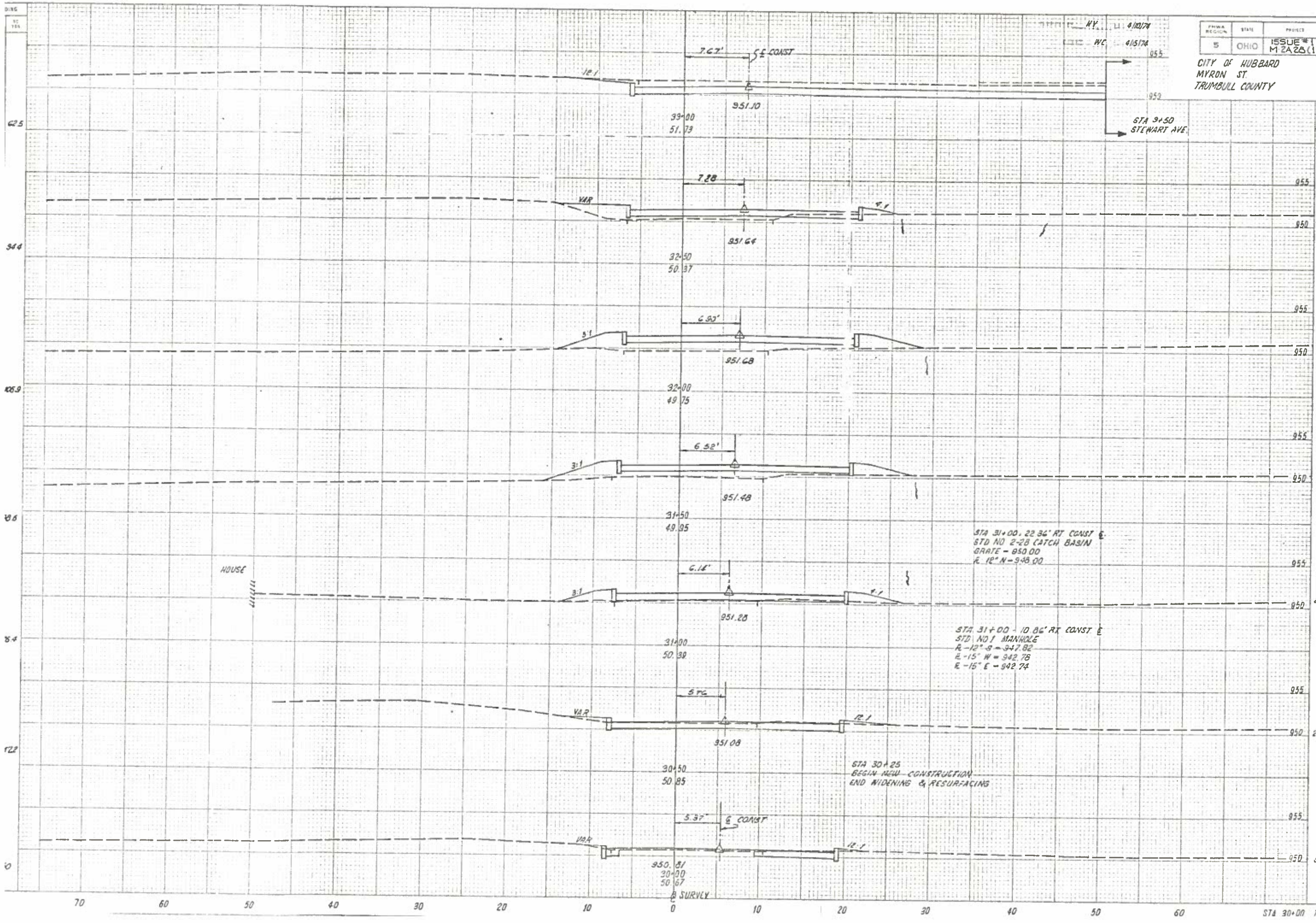


END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
16	1.3		
		38.9	1.9
26	0.8		
		29.2	3.1
5.5	2.6		
		11.6	4.2
7	2		
		13	4.6
7	3		
		44.9	3.7
415	1		
		44.3	2.3

PRIMARY REGION	STATE	PROJECT	
5	OHIO	ISSUE # 1 M-2A28(1)	

30
55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

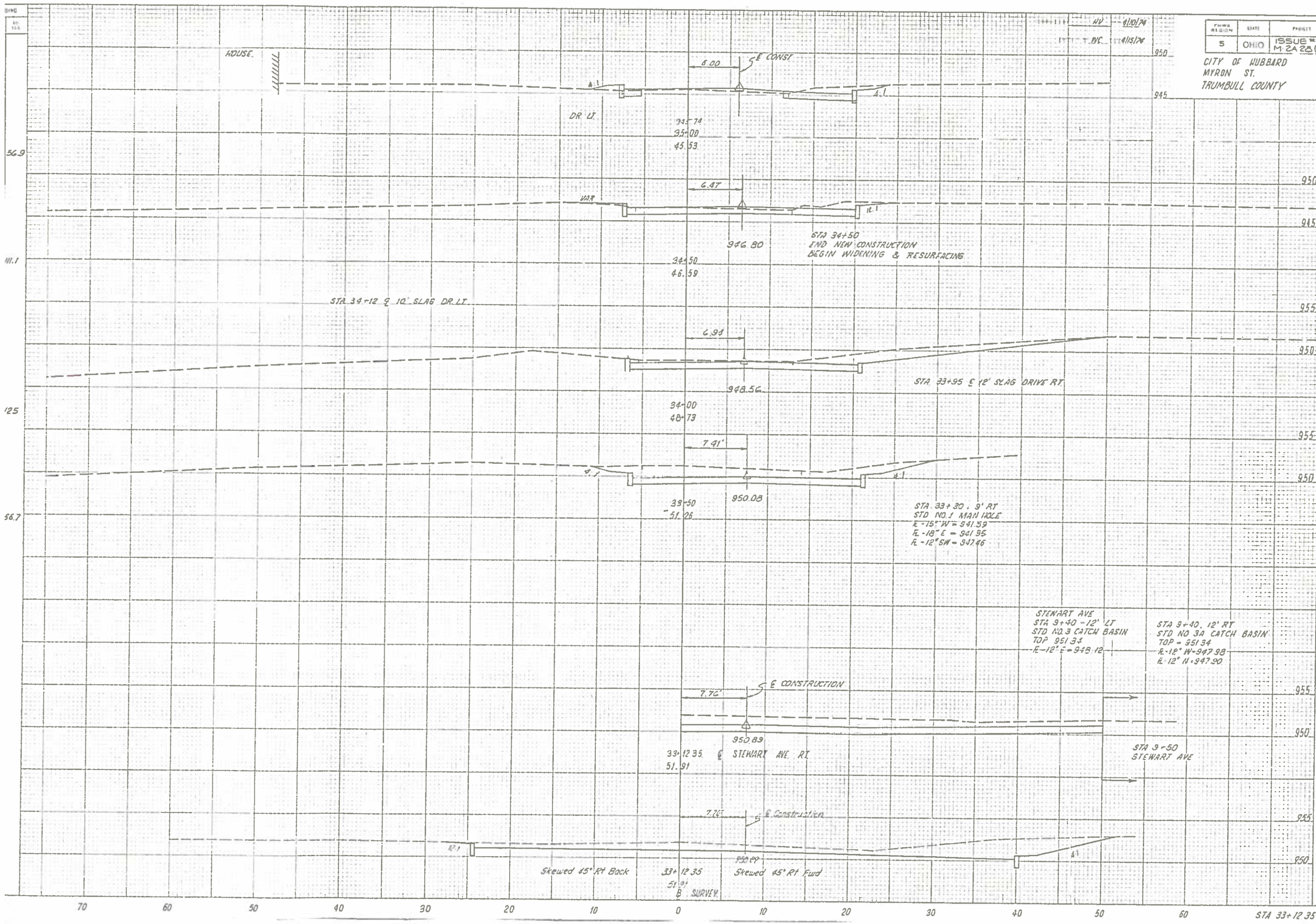


END AREA		VOLUME	
CUT	FILL	CUT	FILL
44	0		
		44.4	15.3
40	15.5		
		3.70	52.3
0	40		
		0	65.7
0	31		
		2.9	36.1
25	6		
		22.9	9.3
22	2		
		28.7	2.9
9	0.5		
		23.1	1.7

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28(1)	

31/55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY



END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
1.4	1.8		
		38	3.0
2.7	1.5		
		71.3	1.4
5.0	0		
		101.8	0
8.0.0	0		
		98.3	0

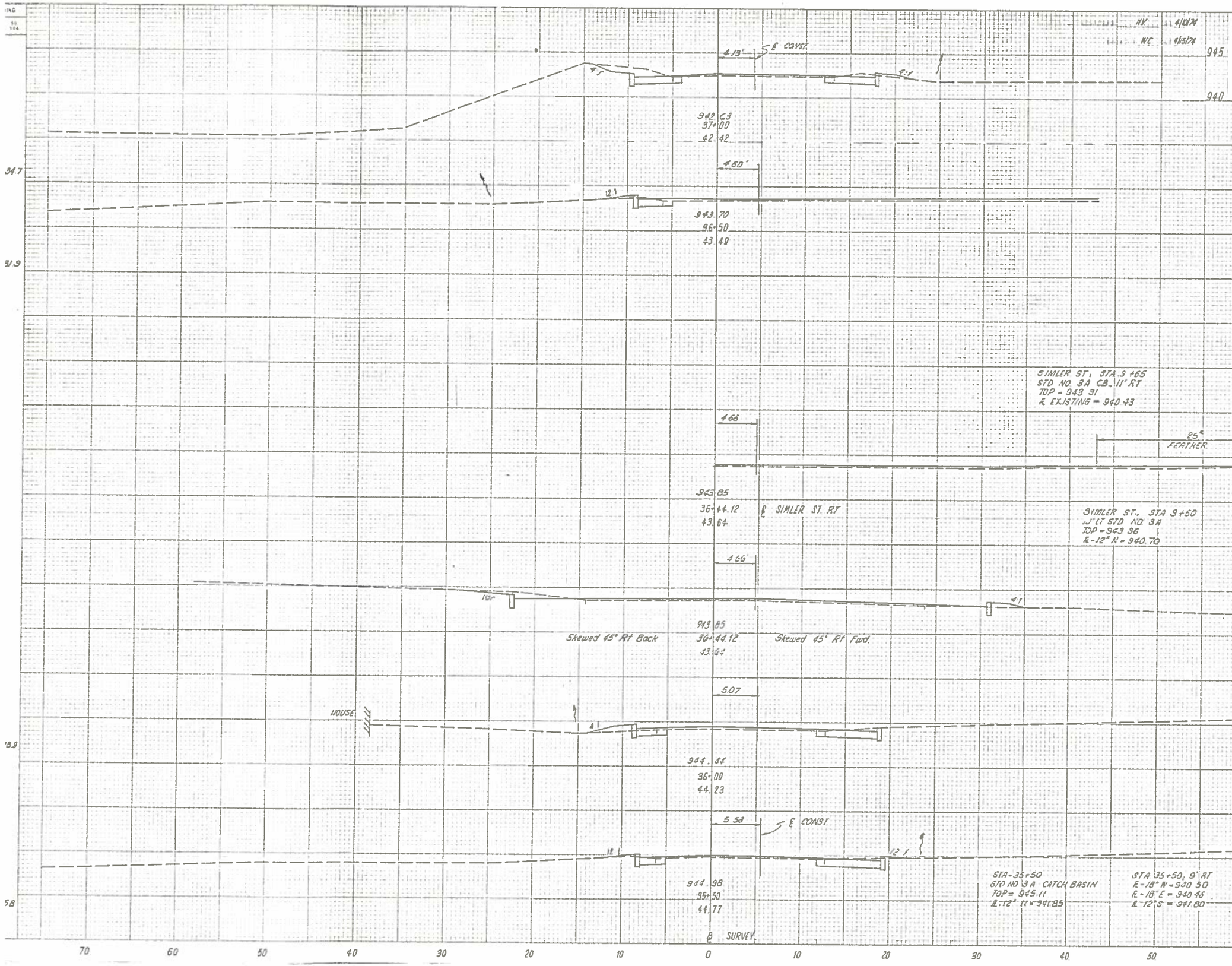
STA 33+12.35 TO STA 35+00.

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A28 (1)	

32/55

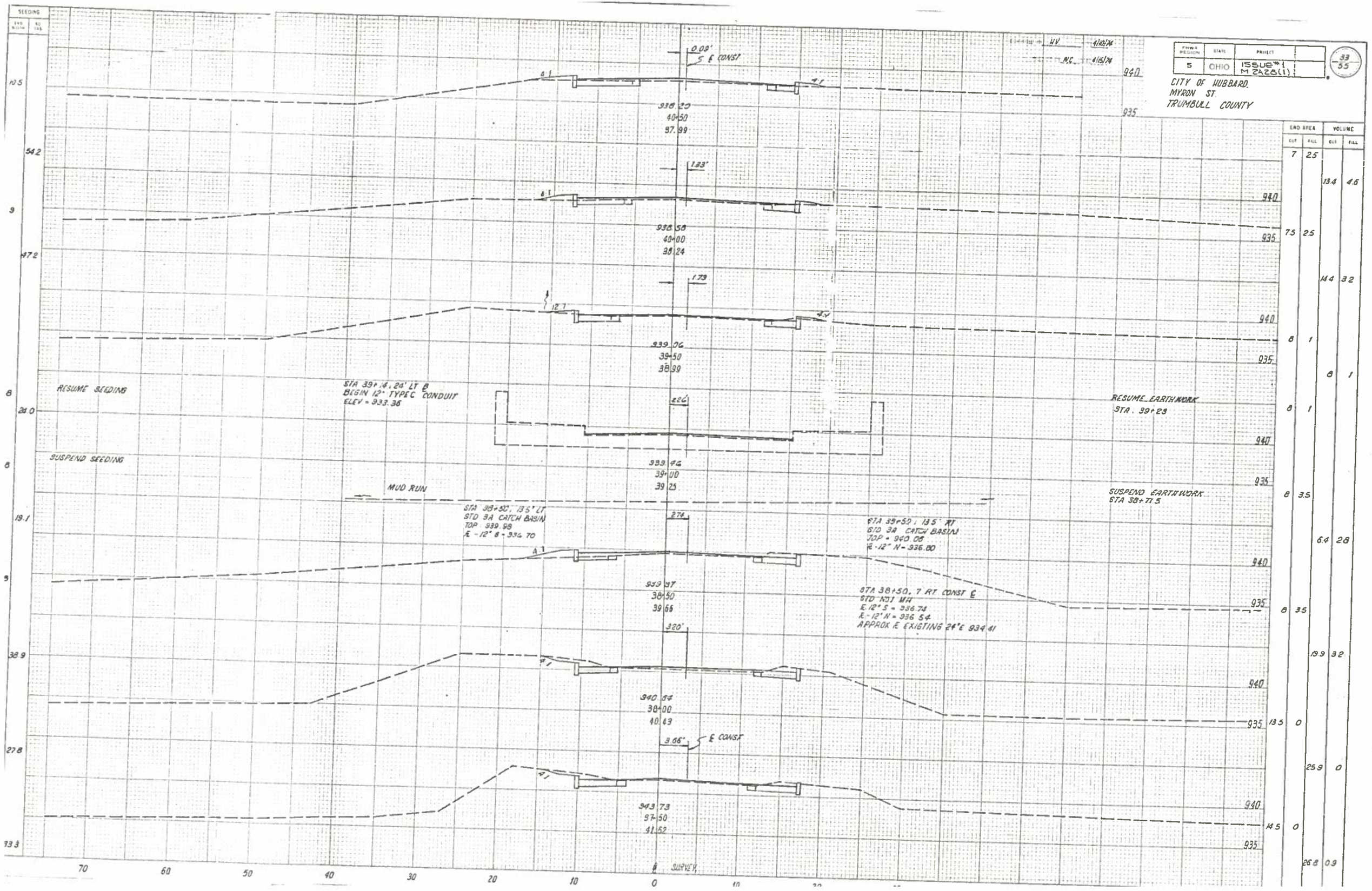
HV 4/10/74
WC 4/15/74

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY



END AREA		VOLUME	
CUT	FILL	CUT	FILL
14.5	1		
		16.7	1.9
3.5	1		
		11.6	2.0
9	2		
		17.1	2.8
9.5	1.0		
		21.8	2.6

STA 35+50 TO STA 37+00

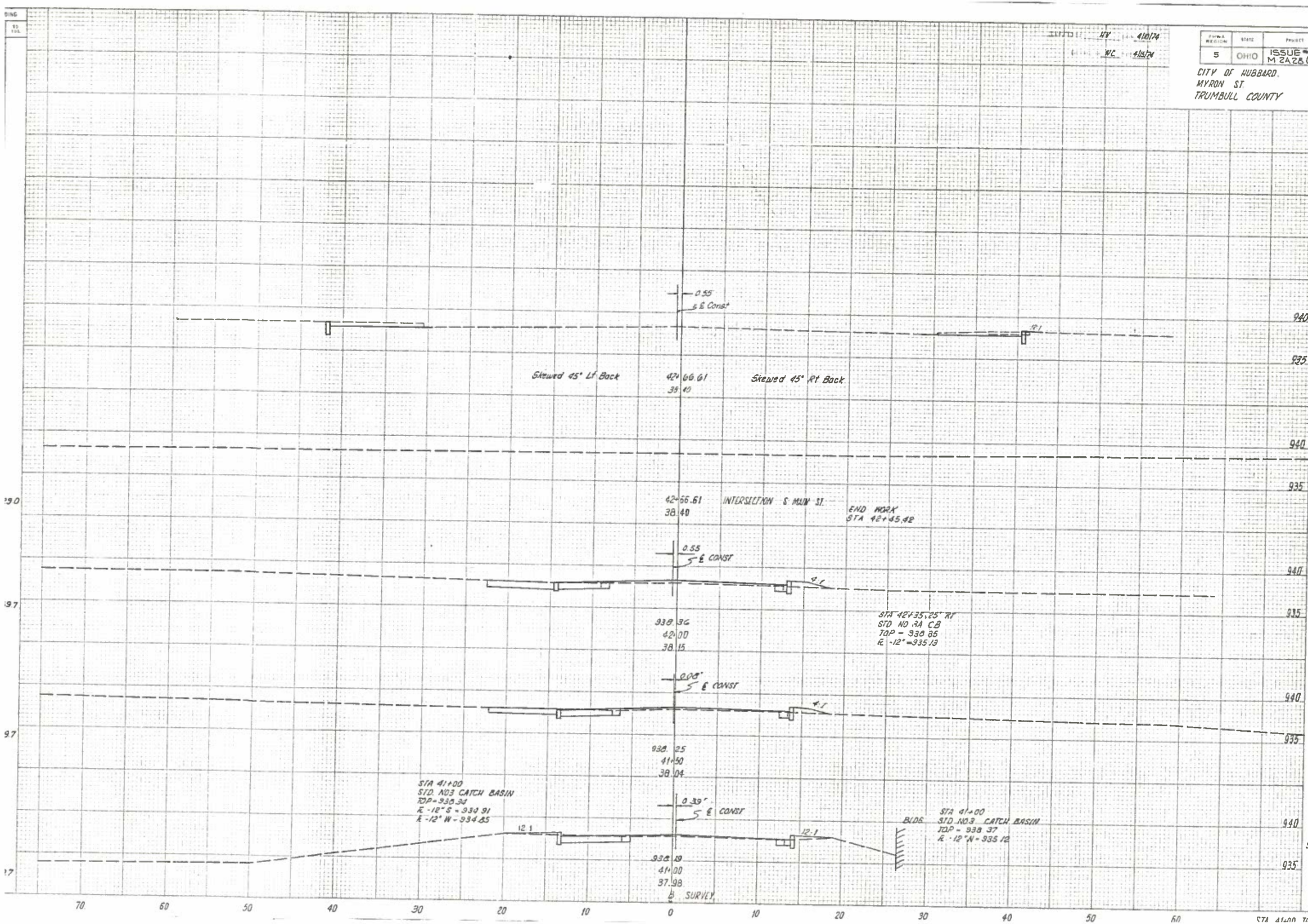

SEEDING
END WIDTH
SQ YDS
HV 4/10/74
NC 4/15/74
FHWA REGION 5
STATE OHIO
PROJECT ISSUE# 1 M ZAZO(1)
33 55
CITY OF HUBBARD.
MYRON ST.
TRUMBULL COUNTY
END AREA
VOLUME
CUT
FILL
0.09' ℄ CONST
938.20
40+50
37.99
1.33'
938.58
40+00
38.24
1.79
939.06
39+50
38.99
2.26
939.46
39+00
39.25
2.74
939.97
38+50
39.66
3.20'
940.64
38+00
40.43
3.66' ℄ CONST
943.73
37+50
41.52
RESUME SEEDING
STA 39+14.28' LT ℄
BEGIN 12" TYPE C CONDUIT
ELEV = 933.36
SUSPEND SEEDING
MUD RUN
STA 38+50, 13.5' LT
STD 3A CATCH BASIN
TOP 939.98
℄ -12" S = 936.70
STA 39+50, 13.5' RT
STD 3A CATCH BASIN
TOP = 940.08
℄ -12" N = 936.80
STA 38+50, 7 RT CONST ℄
STD NO1 MH
℄ 12" S = 936.74
℄ -12" N = 936.54
APPROX ℄ EXISTING 24" ℄ 934.41
RESUME EARTHWORK
STA. 39+23
SUSPEND EARTHWORK
STA 38+77.5
℄ SURVEY
940
935
10.5
54.2
9
47.2
8
21.0
19.1
38.9
27.8
33.3
70
60
50
40
30
20
10
0
10
7 25
13.4 4.6
7.5 25
14.4 3.2
8 1
8 1
8 1
8 3.5
6.4 2.8
8 3.5
19.9 3.2
13.5 0
25.9 0
14.5 0
26.8 0.9

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A28(1)	

34/55

CITY OF HUBBARD.
MYRON ST.
TRUMBULL COUNTY

HV 4/10/74
WC 4/15/74



END AREA		VOLUME	
CUT	FILL	CUT	FILL
0	0		
		4.2	2.5
5	3		
		10.2	4.8
6	2		
		15.3	4.2
9.5	2.5		
		15.3	4.6

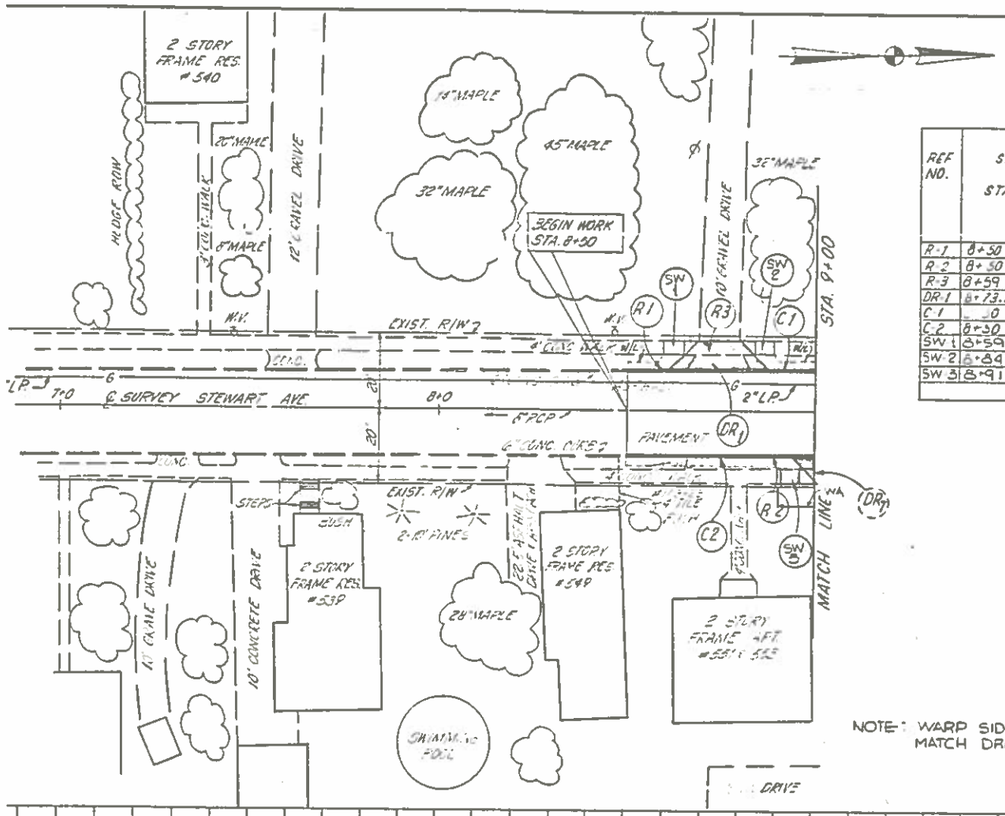
STA 41+00 TO STA 42+55.91

COMPUTED BY H.V. DATE 4-11-74
CHECKED BY WC DATE 4-11-74

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE NO. 1 M 2A28 (1)	

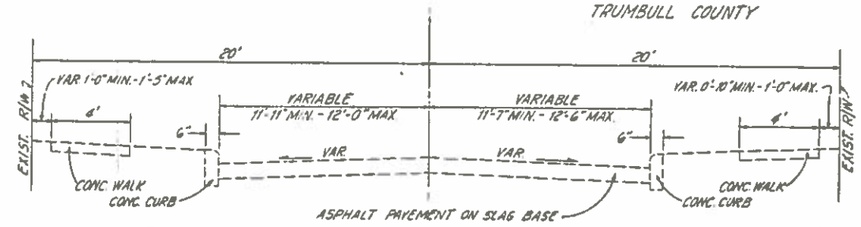
35
55

CITY OF HUBBARD
MYRON STREET
TRUMBULL COUNTY

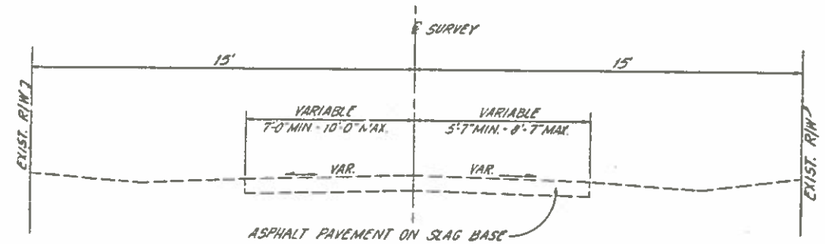


REF NO.	STATION TO STATION	SIDE	202 CURB REMOVED	202 SIDE WALK REMOVED	452 PORT. CEM. CONC. PVMT 8"	609 CONC. CURB STD TYPE 6"	608 4" CONCRETE WALK
			LF	SQ FT	SQ YD	LF	S.F.
R-1	8+50 - 9+00	LT.	50				
R-2	8+50 - 9+00	RT.	50				
R-3	8+59 - 8+89	LT.		120			
DR-1	8+73.16	LT			17.67		
C-1	8+50 - 9+00	LT.				50	
C-2	8+50 - 9+00	RT.				50	
SW-1	8+59 - 8+64	LT.					20
SW-2	8+84 - 8+89	LT.					20
SW-3	8+91 - 8+96			20			20
			100	140	17.67	100	60

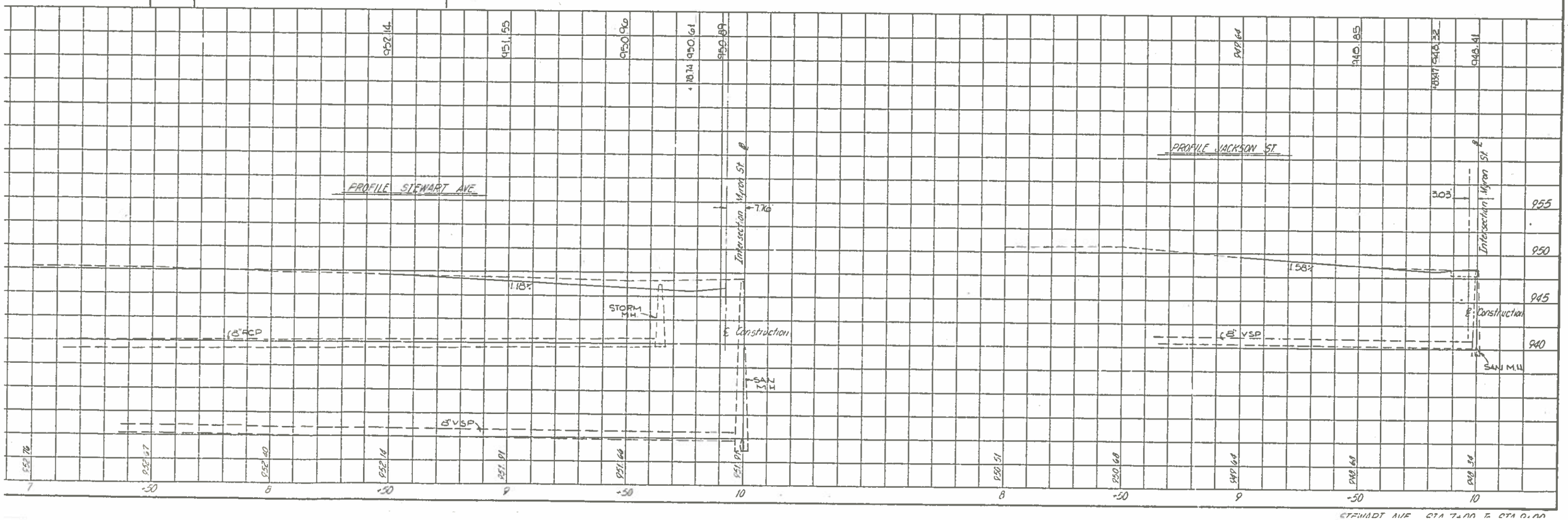
NOTE: WARP SIDEWALK TO MATCH DRIVE APPROACHES



EXISTING TYPICAL SECTION - STEWART AVE



EXISTING TYPICAL SECTION - JACKSON ST.

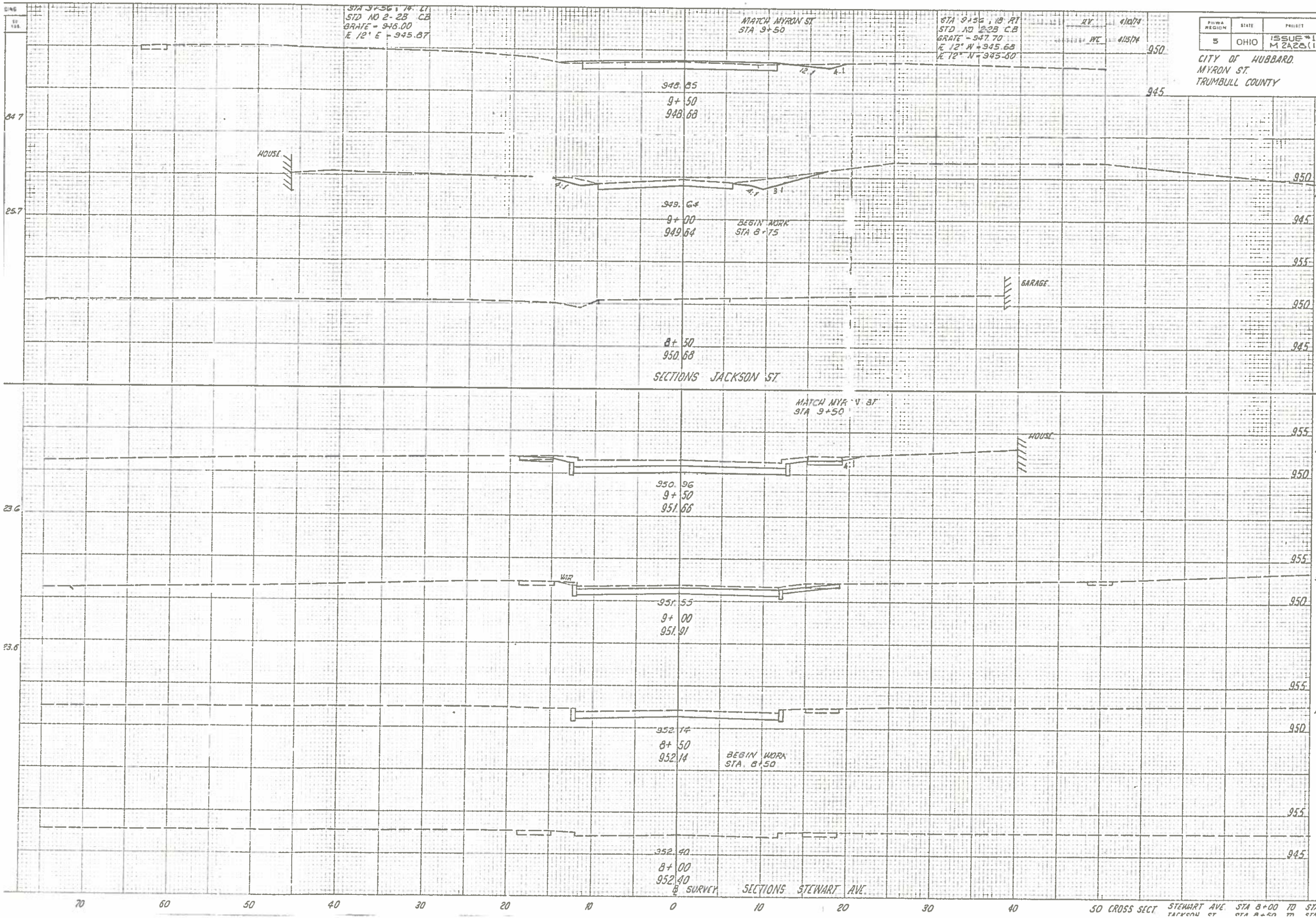


STEWART AVE STA 7+00 TO STA 9+00

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A2S(1)	

36/55

CITY OF HUBBARD.
MYRON ST.
TRUMBULL COUNTY



END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
18.5	0.75		
		35.2	0.7
19.5	0		
		9.0	0
0	0		
47.5	0		
		71.8	0
30	0		
		42.6	0
16	0		

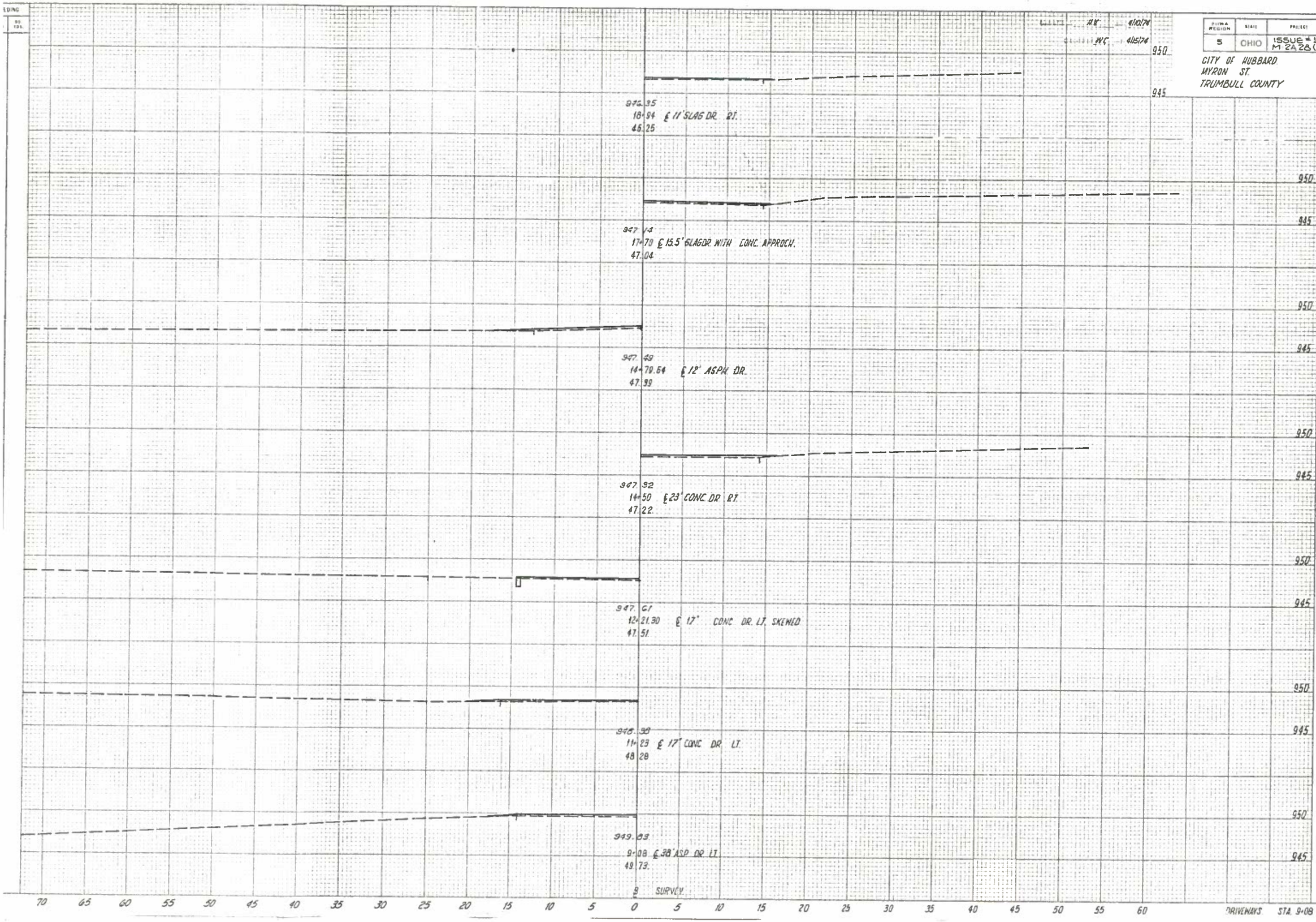
CROSS SECT STEWART AVE STA 8+00 TO STA 9+50
JACKSON ST STA 8+50 TO STA 9+50

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A 28(1)	

37
55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

H.K.	4/10/74		
W.C.	4/15/74		



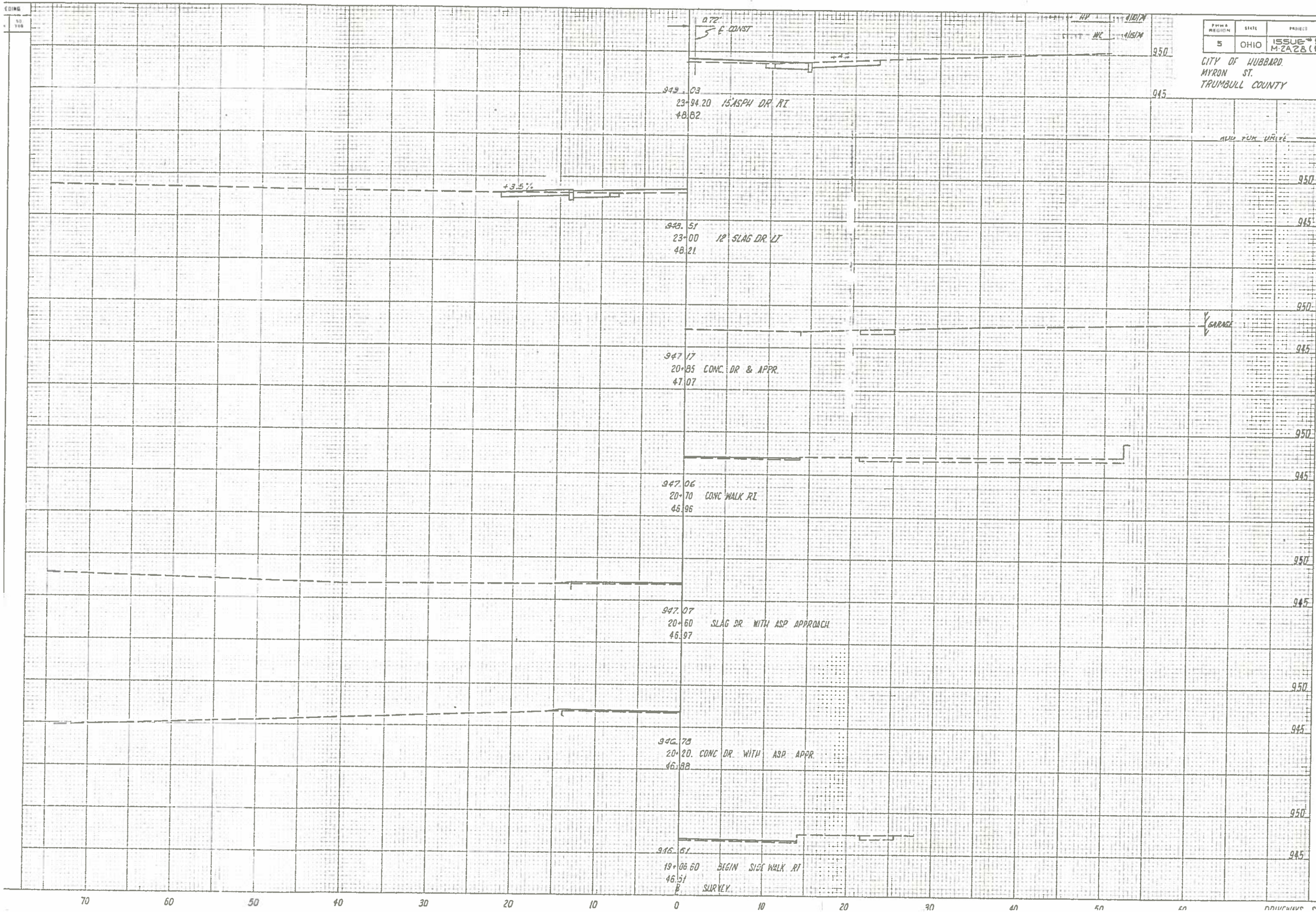
END AREA		VOLUME	
CUT	FILL	CUT	FILL

DRIVEWAYS STA. 9+08 TO STA 18+94.

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE M-2A28(1)	

30/55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY



END AREA		VOLUME	
CUT	FILL	CUT	FILL

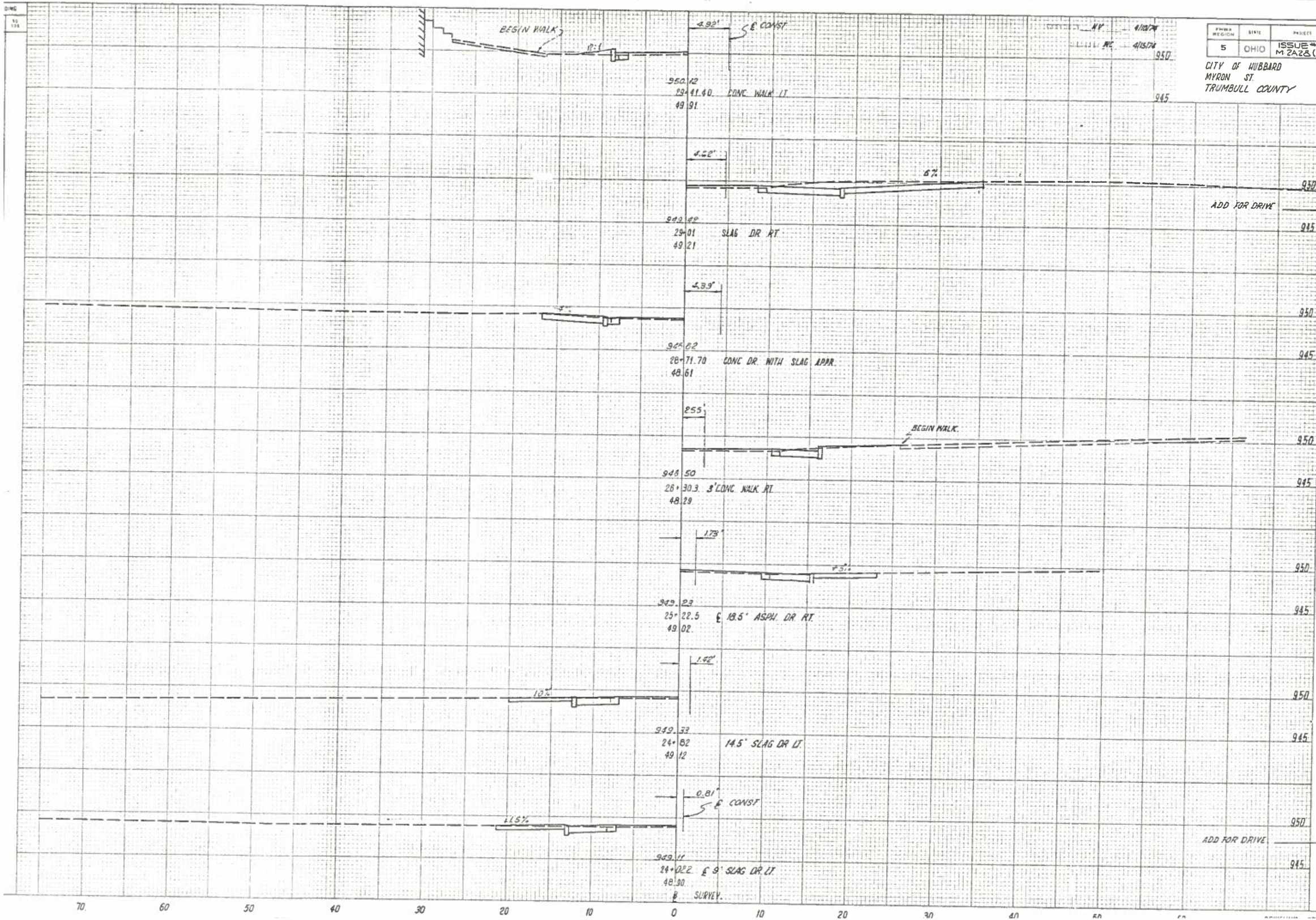
DRIVEWAYS STA. 19+85.5 TO 23+94.20

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A2 8 (1)	

39
55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

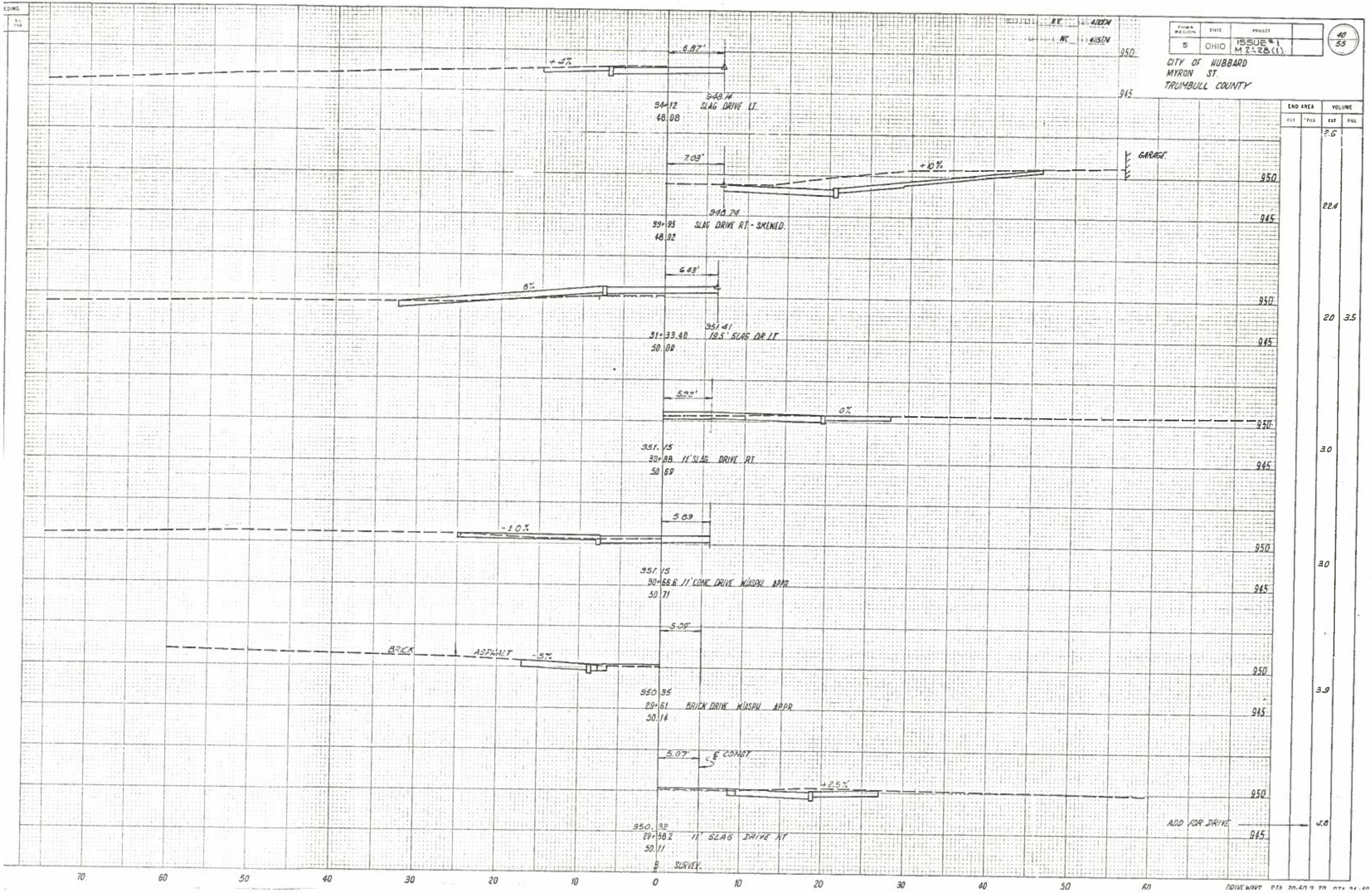
NP 4/10/74
NC 4/15/74



FEDERAL REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2-28(1)	

40/55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

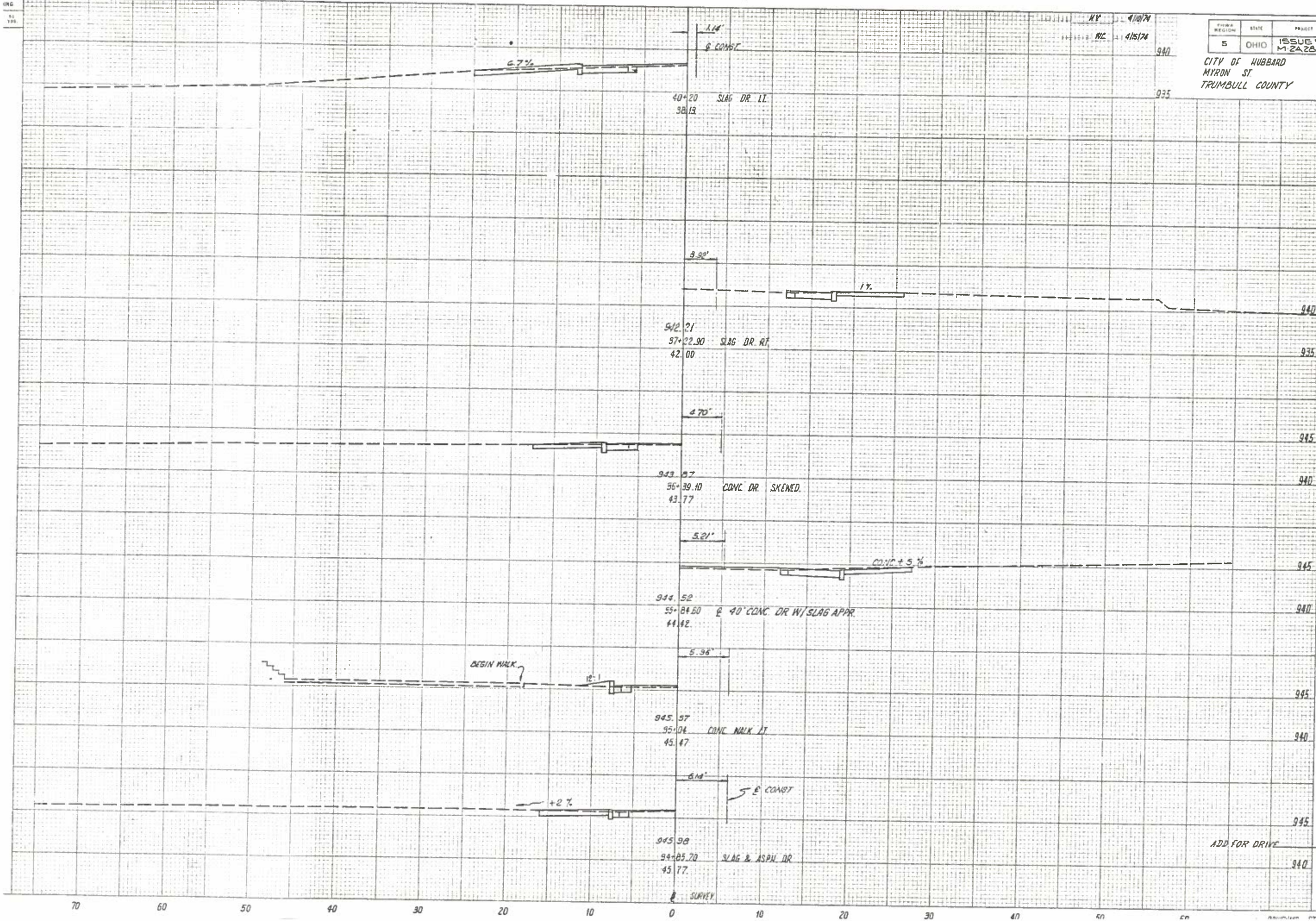


FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M-2A28(1)	

41/55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

HV 4/10/74
WC 4/15/74

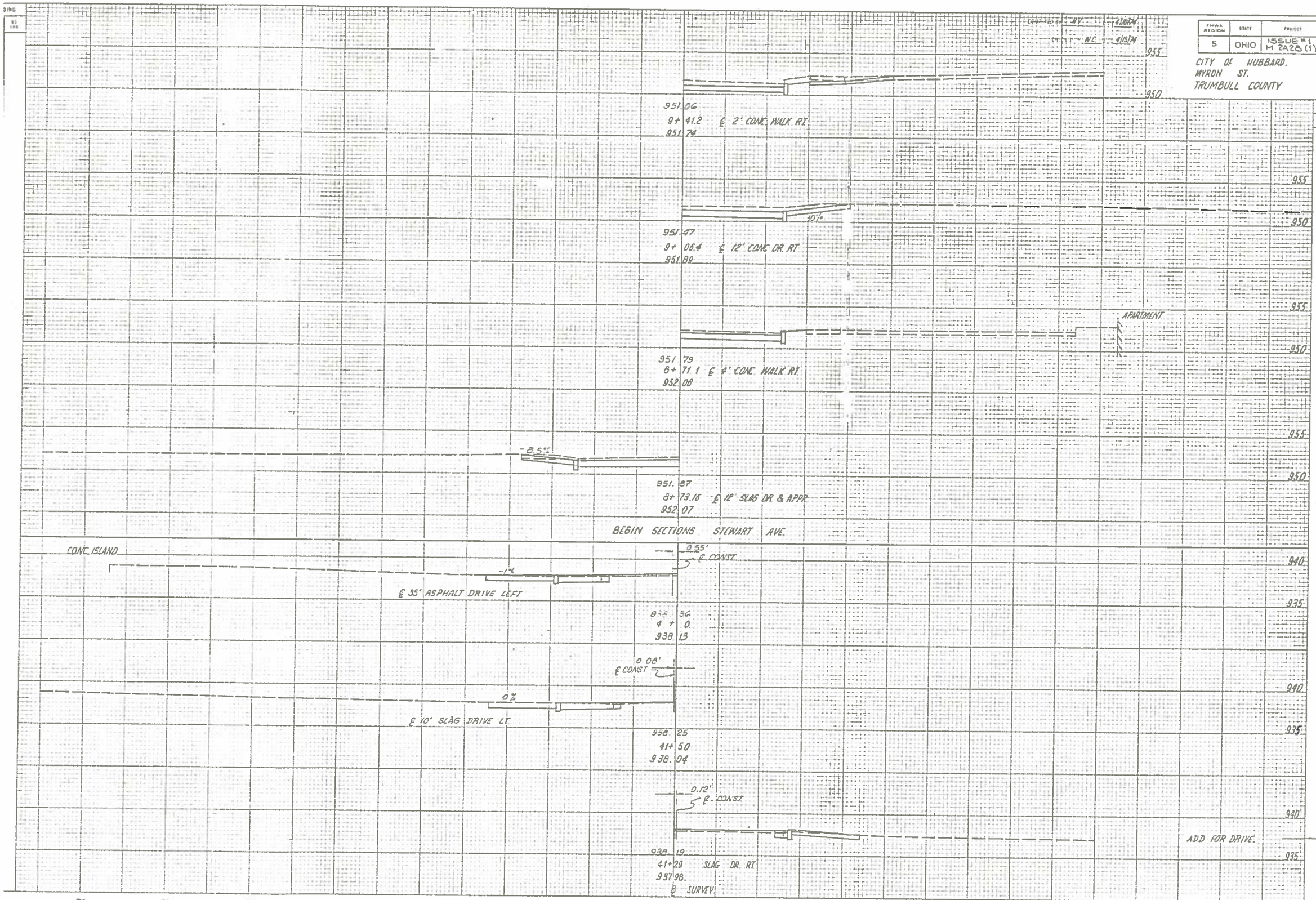


END AREA		VOLUME	
CUT	FILL	CUT	FILL
		3.2	
		2.4	
		2.3	
		6.8	
		4.1	

FHWA REGION	STATE	PROJECT
5	OHIO	ISSUE #1 M 2428 (1)

42
55

CITY OF HUBBARD.
MYRON ST.
TRUMBULL COUNTY



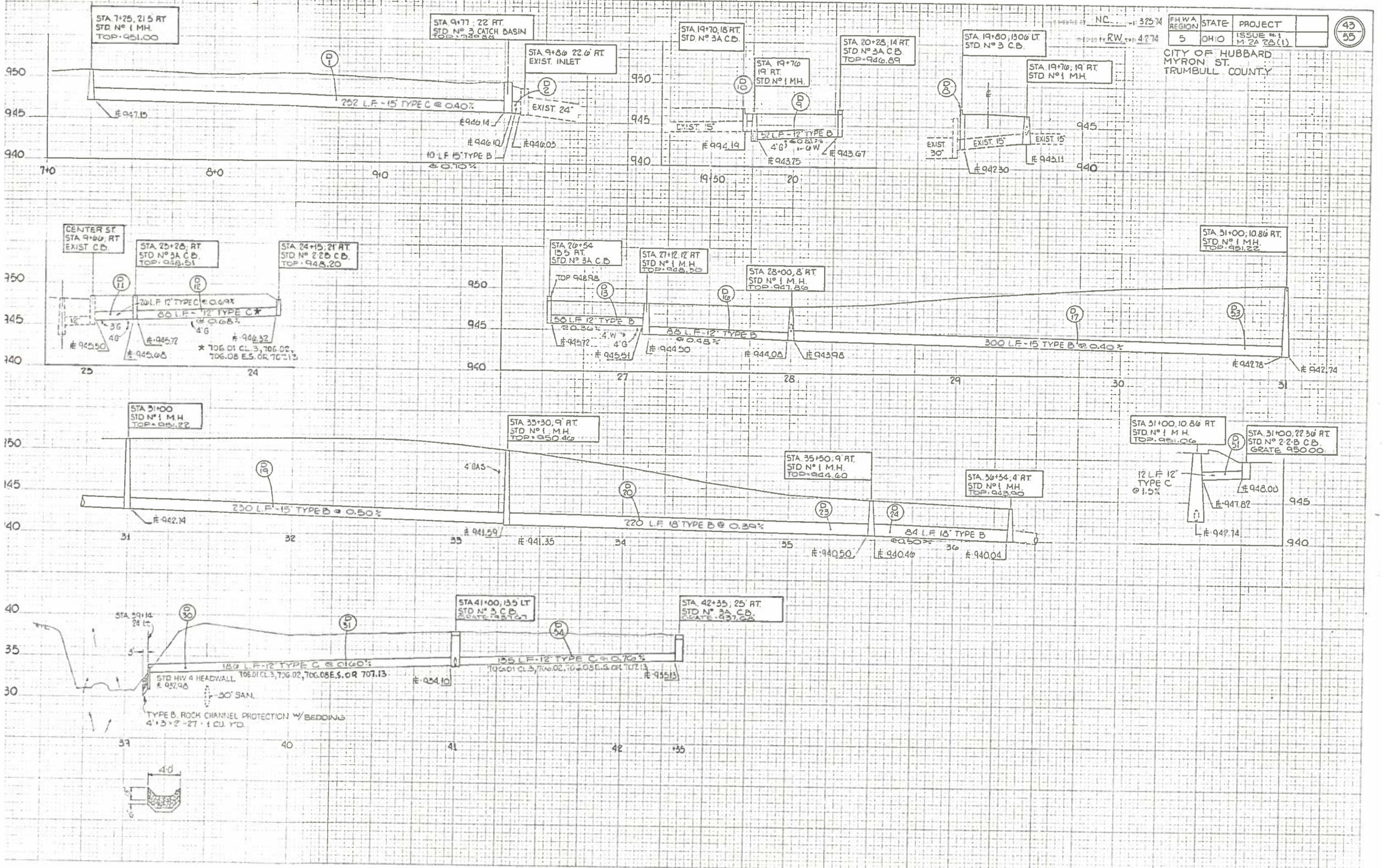
END AREA		VOLUME	
CUT	FILL	CUT	FILL
		43	
		36	
		5.4	
		3.2	
		2.7	

MYRON ST STA 41+29 TO STA. 42+00
STEWART AVE. STA 8+71.1 TO STA 9+41.2

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE #1 M 2A 28(1)	

43
55

CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

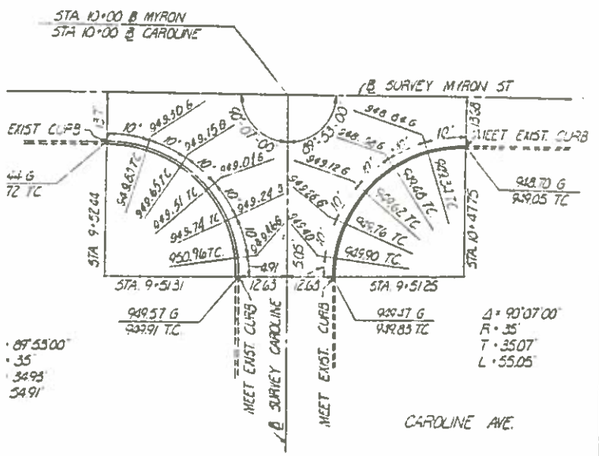


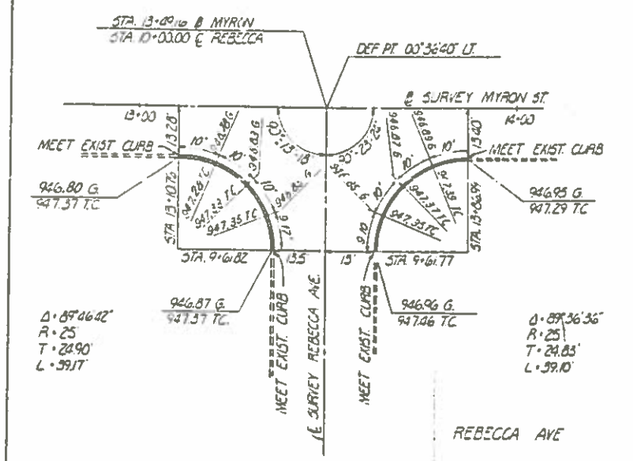
DRAINAGE DETAILS

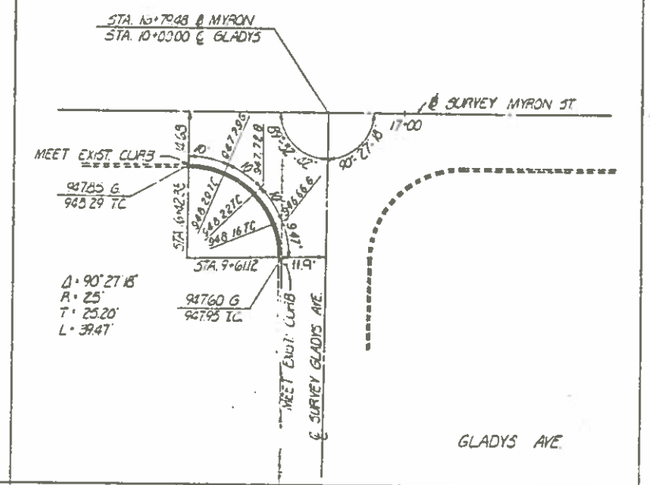
FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE # 1 M 2A 28 (1)	

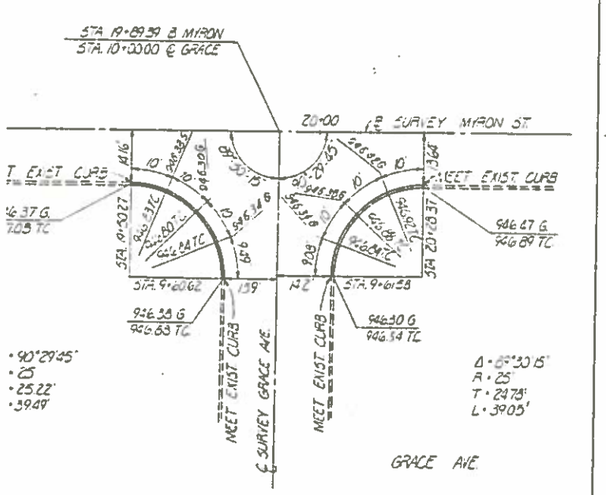
COMPUTED BY WC DATE 3 28 74
CHECKED BY NC DATE 4 1 74

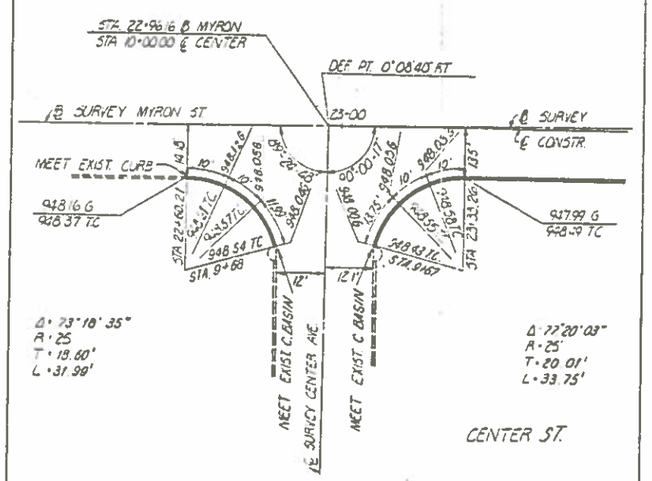
CITY OF HUBBARD
MYRON ST.
TRUMBULL COUNTY

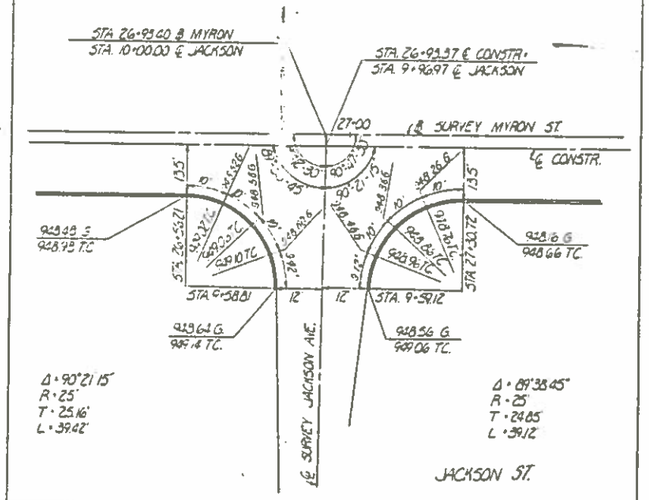


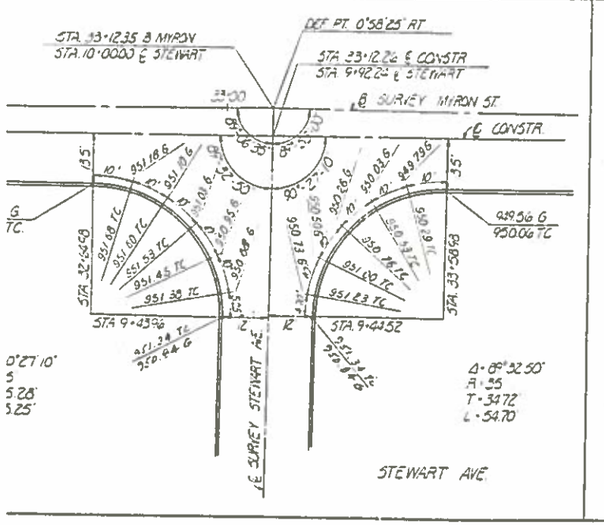


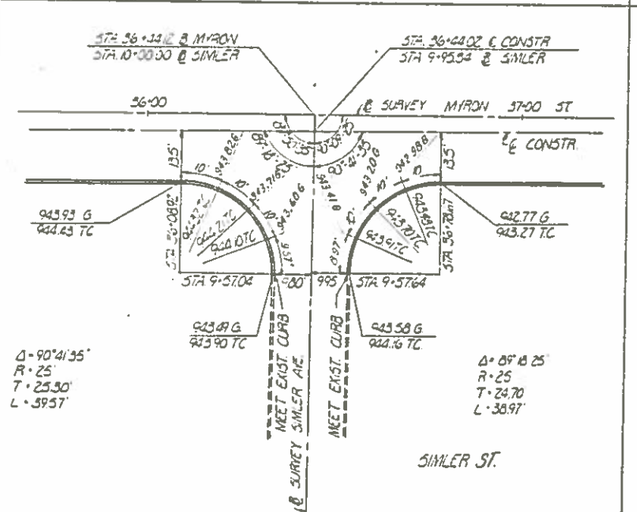


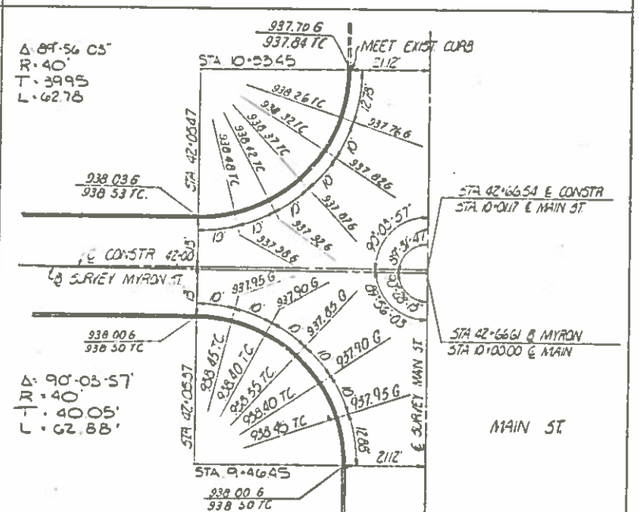












G = GUTTER
TC = TOP OF CURB

INTERSECTION DETAILS

CENTERLINE SURVEY PLAT

MYRON STREET TRUMBULL COUNTY

HUBBARD TOWNSHIP CITY OF HUBBARD T-3N, R-IW

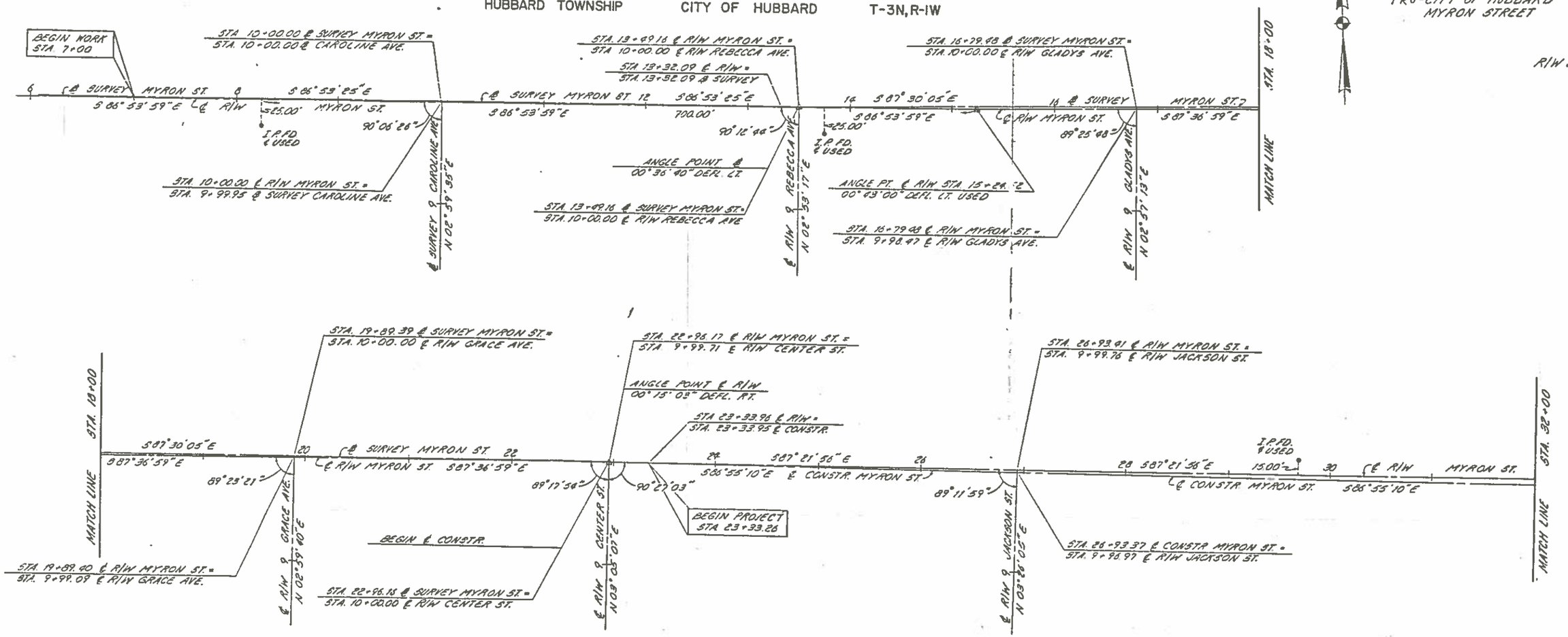
821572

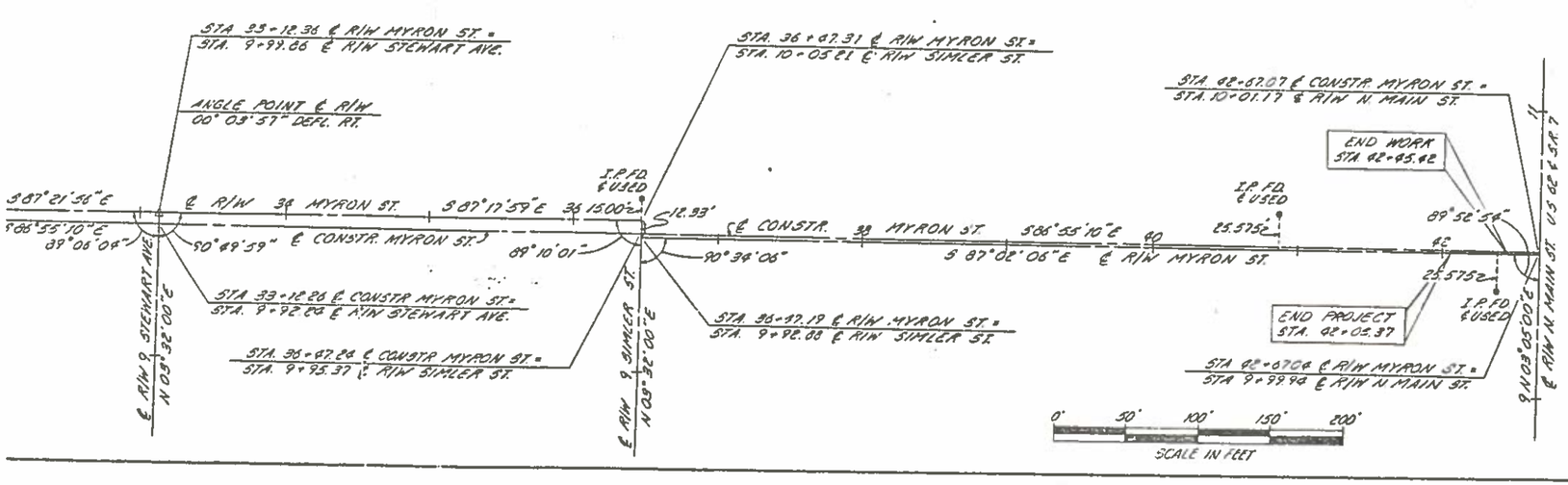
FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE NO. 1	

46/55

TRU-CITY OF HUBBARD
MYRON STREET

R/W Sheet 2/11





Monument Assemblies will be set on centerline of right of way during construction at the following locations:

Sta. 8+00.00
Sta. 15+24.52
Sta. 22+96.17
Sta. 26+93.41
Sta. 33+12.36
Sta. 36+07.31
Sta. 36+47.19
Sta. 42+37.04

I hereby certify that this plat is a true delineation of a survey made for the Department of Transportation, State of Ohio.

Date 7-7-75

Thomas F. Mosure
Registered Surveyor # 4718

Certificate of Approval

Approved T. D. Wilson
Date 7/10/75 Safety-Service Director

821572

Received for record December 12, 1975 at 9:50 A.M.
Recorded Dec 15, 1975 in Vol 36 Page 34 of the Trumbull County Record of Plots.

Clem O'Brien
County Recorder
by Mabel Taylor, Deputy

ISSUE NO. 1 #1730

CENTERLINE SURVEY PLAT SHEET 1 OF 1

SUMMARY OF ADDITIONAL RIGHT-OF-WAY REQUIRED

AREA=AREA SHOWN BY THE RECORDED INSTRUMENT, LESS ANY SUBSEQUENT OUTSALES. LANDLOCKED=(L)
AREA MINUS TOTAL P.R.O. = NET RESIDUES PLUS NET TAKE

TOTAL NO. OF OWNERS 22
TOTAL NO. OF OWNERS WITH STRUCTURES (TO BE REMOVED) 0
NO. OF TOTAL TAKES 0

REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

47/55

TRU-CITY OF HUBBARD
MYRON STREET

R/W Sheet 3/11

PARCEL NO.	OWNER	DEED RECORD BOOK	DEED RECORD PAGE	DEED AREA	TOTAL P.R.O.	TO BE ACQUIRED GROSS TAKE	TO BE ACQUIRED PRO. IN TAKE	TO BE ACQUIRED NET TAKE	TO BE ACQUIRED STRUCTURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	SHEET NO.	FUNDS	REMARKS
1	NOT REQUIRED													
2	NOT REQUIRED													
3	NOT REQUIRED													
4	NOT REQUIRED													
5 WA	THE SHERWIN-WILLIAMS CO.	541	94	574,905 S.F.						574,905 S.F.		5 & 6		O.L. 89 CONSTRUCT GRADING
		542	3	(13.198 Ac.)										
6-9	NOT REQUIRED													
10 WA	COMMERCE REALTY, INC.	945	1133	657,323 S.F.						657,323 S.F.		6 & 7		O.L. 91 & 92 CONSTRUCT GRADING
10 AWA		961	726	(15.09 Ac.)								8		O.L. 92 CONSTRUCT SLOPE
11 & 12	NOT REQUIRED													
13 WA	STEPHEN MISLEVY & DOROTHY MISLEVY	625	39	8474 S.F.							8474 S.F.	8		LOT 1907 CONSTRUCT SLOPE
14	THAREN L. LENTZ & MARY L. LENTZ	783	816	12,402 S.F.		50 S.F.		50 S.F.			12,352 S.F.	8		LOT 1967
14 WA												8		CONSTRUCT SLOPE
15 WA	CHARLES E. FERRICK & HELEN C. FERRICK	779	190	15,774 S.F.							15,774 S.F.	8		LOTS 1969 & 1970 CONSTRUCT SLOPE
16	JOSEPH CHARLES SZANYI & FLORENCE	622	484	16,686 S.F.		187 S.F.		187 S.F.			16,699 S.F.	8		LOTS 1971 & 1972
16 WA	SZANYI											8		CONSTRUCT SLOPE
17	ANGELO LA CIVITA, JOSEPH LA CIVITA,	922	665	25,488 S.F.		1615 S.F.		1615 S.F.			23,873 S.F.	8 & 9		LOT 121
17 WA	ALBERT LA CIVITA, MICHAEL LA CIVITA,											8		CONSTRUCT SLOPE
17 AWA	JOHN LA CIVITA, CARMEL LA CIVITA, ROCK											9		CONSTRUCT SLOPE
	LACIVITA, THOMAS LA CIVITA, WILLIAM													
	LACIVITA, PAUL LA CIVITA, & PHILLIP													
	LA CIVITA, OWNERS: MICHAEL LACIVITA &													
	CARMEL LACIVITA, LIFE ESTATE													
18 WA	CHARLES J. CATOLINA	465	537	197,762 S.F. (4.54 Ac.)						197,762 S.F.		8		O.L. 118, 117, & 116 CONSTRUCT SLOPE, RECONSTRUCT DRIVES
19 WA	JANICE BROWN & LOIS SATTLER	988	634	43,560 S.F.						43,560 S.F.		8 & 9		O.L. 115 CONSTRUCT SLOPE
20	ROSE SAULINE	331	137	25,470 S.F.		1361 S.F.		1361 S.F.			24,109 S.F.	9		LOT 122
20 WA		339	252									9		CONSTRUCT SLOPE, RECONSTRUCT DRIVES
		425	153											
21	NICHOLAS FERRETT & VERA FERRETT	390	572	63,835 S.F.		3320 S.F.		3320 S.F.			60,515 S.F.	9 & 10		O.L. 111
21-8		406	225			200 S.F.		200 S.F.				9		
21 WA		832	611									9		CONSTRUCT SLOPE, RECONSTRUCT DRIVE
21 AWA												9 & 10		CONSTRUCT SLOPE
22 WA	YOLANDA SAULINE ROCK	382	46	43,560 S.F.						43,560 S.F.		9		O.L. 114 CONSTRUCT SLOPE, RECONSTRUCT DRIVE
		576	57											
23 WA	SOPHIE KRONER - TRUSTEE	911	421	43,560 S.F.						43,560 S.F.		9		O.L. 113 CONSTRUCT SLOPE, RECONSTRUCT DRIVE
24 WA	ANDREW KOSTECKI & VIRGINIA KOSTECKI	872	1118	15,750 S.F.						15,750 S.F.		9		O.L. 112 CONSTRUCT SLOPE, RECONSTRUCT DRIVES
		886	995											
25 WA	WALTER PHILLIPS	487	539	147,009 S.F.						147,009 S.F.		9 & 10		O.L. 112 CONSTRUCT SLOPE, RECONSTRUCT DRIVE
25A WA	JAMES R. DAVIS & COLETTA DAVIS			15,000 S.F.						15,000 S.F.		9		LOTS 2588 & 360 CONSTRUCT SLOPE, RECONSTRUCT DRIVE

ADDED PCL 25A-WA, REMOVED DEED DETAIL RESIDUE PCL 25-WA 1-13-76

Revised

Sheet Completed
Date 6/23/75

R/W SUMMARY

ISSUE ONE

SUMMARY OF ADDITIONAL RIGHT-OF-WAY REQUIRED

:D AREA=AREA SHOWN BY THE RECORDED INSTRUMENT, LESS ANY SUBSEQUENT OUTSALES. LANDLOCKED=(L)
:D AREA MINUS TOTAL P.R.O. = NET RESIDUES PLUS NET TAKE

REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

48/55

TRU-CITY OF HUBBARD
MYRON STREET

R/W Sheet 4/11

PARCEL NO	OWNER	DEED RECORD BOOK	DEED RECORD PAGE	DEED AREA	TOTAL P.R.O.	TO BE ACQUIRED GROSS TAKE	TO BE ACQUIRED PRO IN TAKE	TO BE ACQUIRED NET TAKE	TO BE ACQUIRED STRUCTURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	SHEET NO.	FUNDS	REMARKS
26	CARL A. MARINO & ROSE MARINO	866	781	6900 S.F.	—	50 S.F.	—	50 S.F.	—	—	6850 S.F.	10	ISSUE ONE	O.L. 102
26 WA		892	165			—	—	—				10		CONSTRUCT SLOPE, RECONSTRUCT WALK
26-WA		892	167			—	—	—				10		RECONSTRUCT DRIVE
27 WA	DOROTHY R. LANDAU f.k.a. DOROTHY GROSSMAN & IRVING LANDAU	931	5	9900 S.F.	—	—	—	—	—	—	9900 S.F.	10		LOT 2889 RECONSTRUCT DRIVE
28	PAUL A. SMITH & MARY L. SMITH	989	759	16,800 S.F.	—	100 S.F.	—	100 S.F.	—	—	16,700 S.F.	10		LOT 2888
	GEORGE LOPUCHOVSKY & GERALDINE LOPUCHOVSKY,													
	LEWIS I. THOMPSON & CATALINE A. THOMPSON aka													
	KATHLEEN THOMPSON, &													
	JOHN M. SMITH & ROSANNE SMITH													
29-32	NOT REQUIRED													
33-S	STIVER LEASING AND RENTAL, INC.,	1001	893	39,269 S.F.	—	341 S.F.	—	341 S.F.	—	38,928 S.F.	—	11		O.L. 100
	AN OHIO CORPORATION													
34	TERESA PALESTRO	606	345	21,000 S.F.	—	50 S.F.	—	50 S.F.	—	—	20,950 S.F.	11		LOT 1154
34 WA		611	498			—	—	—				11		CONSTRUCT SLOPE
		969	845											
35-S	MIKE TARR	906	178	22,594 S.F.	—	601 S.F.	—	601 S.F.	—	22,3[illegible] S.F.	—	11		LOT 1150
35 WA						—	—	—				11		RECONSTRUCT DRIVE
36	SUN OIL COMPANY A NEW	823	1085	21,038 S.F.	—	112 S.F.	—	112 S.F.	—	20,926 S.F.	—	11		LOT 1151
36 WA	JERSEY CORPORATION					—	—	—				11		CONSTRUCT SLOPE

PCL 335 NAME CHANGE 3-4-76
Revised

Sheet Completed
Date 6/23/75

R/W SUMMARY

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

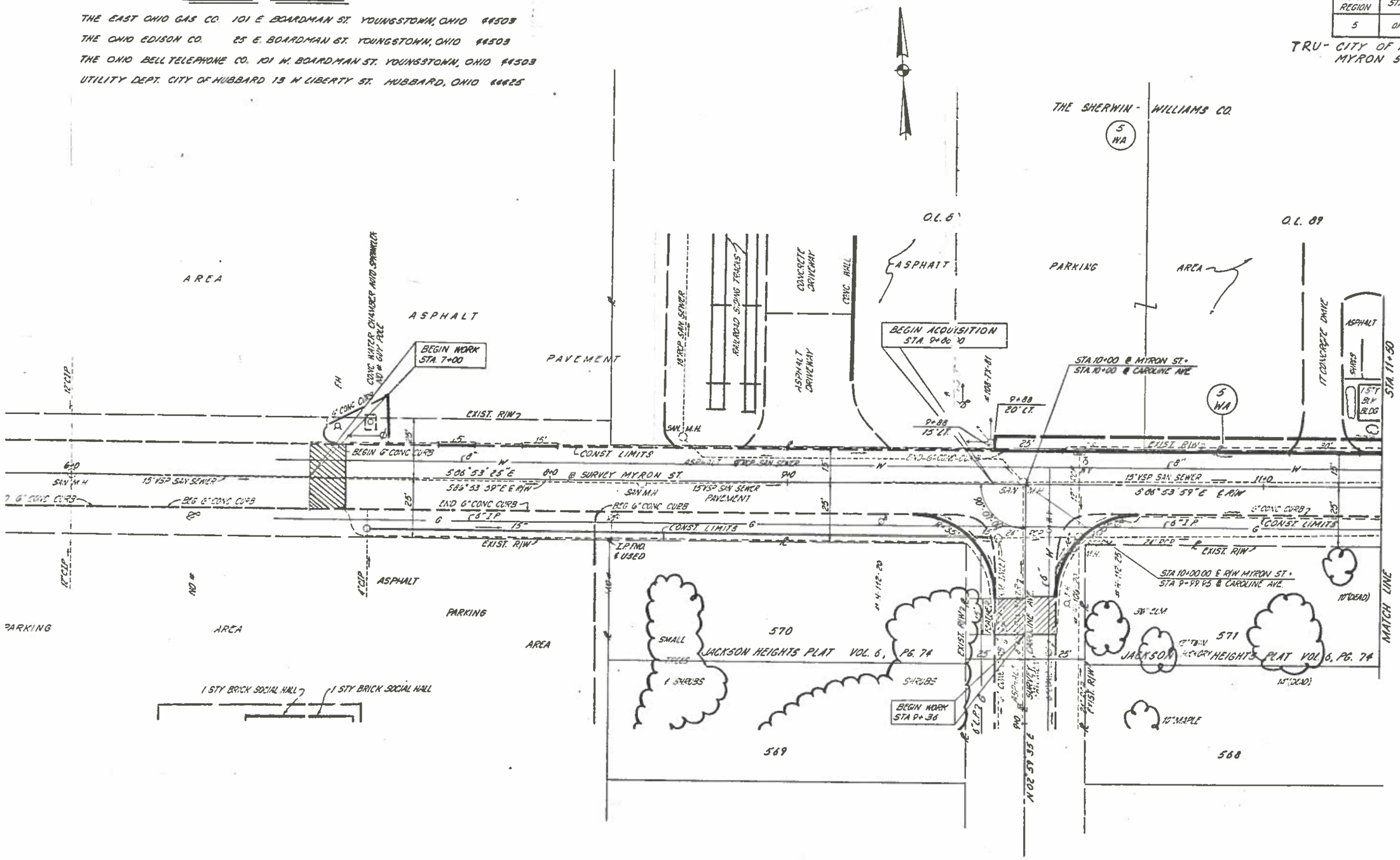
49/55

TRU- CITY OF HUBBARD
MYRON STREET

R/W Sheet 5/11

AFFECTED UTILITIES

THE EAST OHIO GAS CO. 101 E BOARDMAN ST. YOUNGSTOWN, OHIO 44503
THE OHIO EDISON CO. 25 E. BOARDMAN ST. YOUNGSTOWN, OHIO 44503
THE OHIO BELL TELEPHONE CO. 101 W. BOARDMAN ST. YOUNGSTOWN, OHIO 44503
UTILITY DEPT. CITY OF HUBBARD 13 W LIBERTY ST. HUBBARD, OHIO 44425



Revised

Sheet Completed
Date: 6/23/75

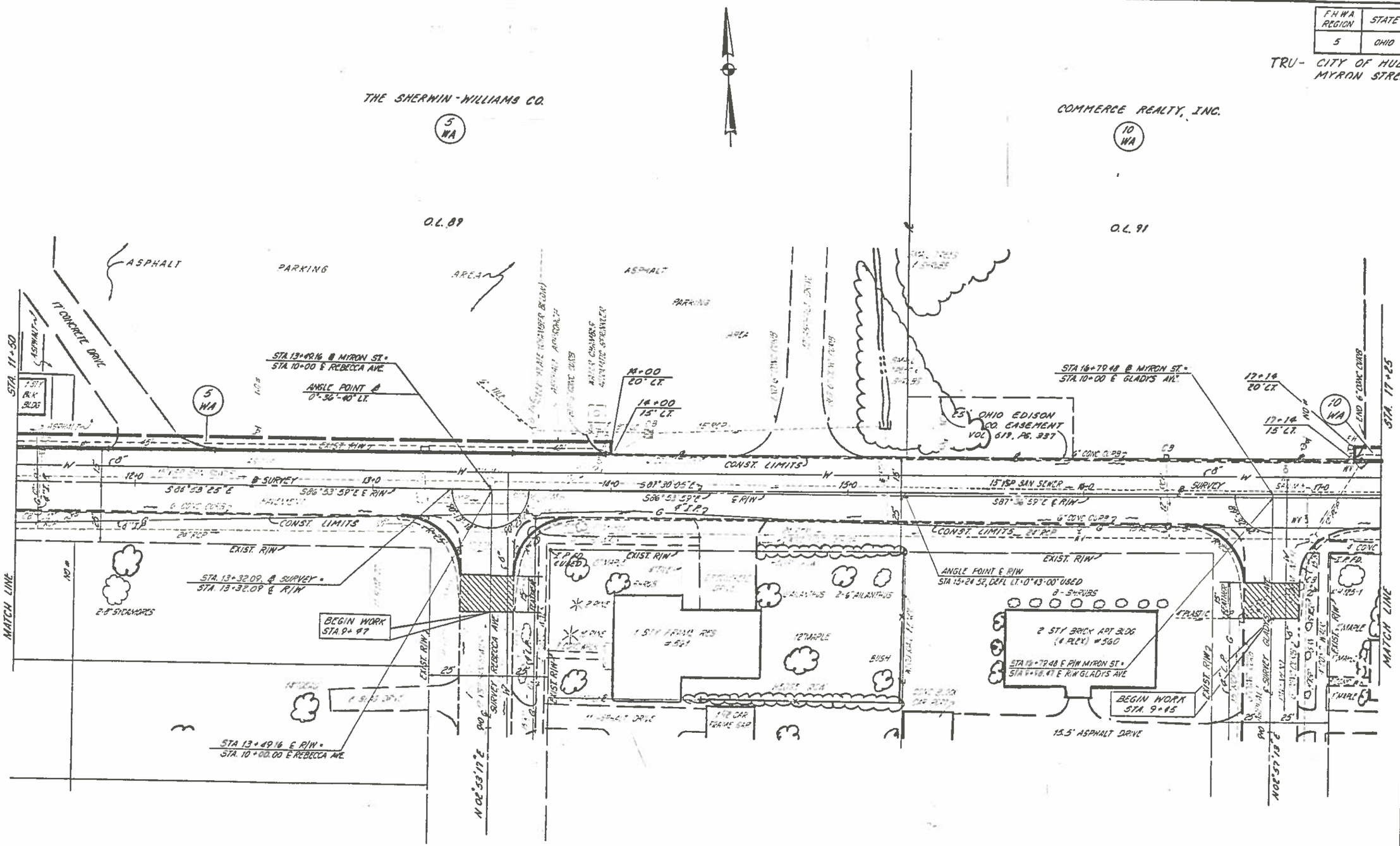
R/W 6+00 to 11+50

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

50/55

TRU- CITY OF HUBBARD
MYRON STREET

R/W Sheet 6/11



Revised

Sheet Completed
Date: 6/23/75

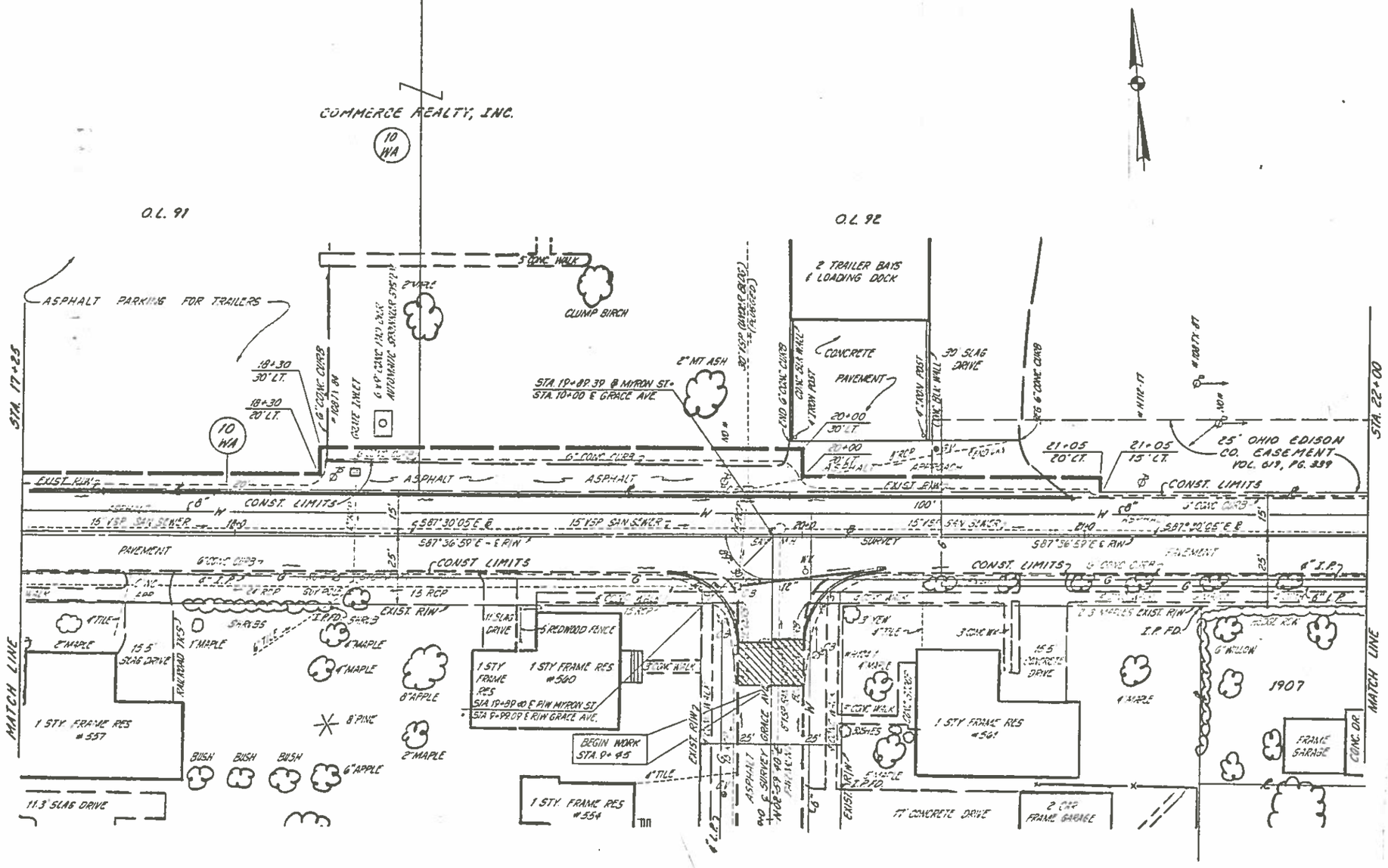
R/W 11+50 to 17+25

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

51/55

TRU-CITY OF HUBBARD
MYRON STREET

R/W Sheet 7/11



ISSUE ONE FUNDS
— SCALE —
0 20 40 60 80

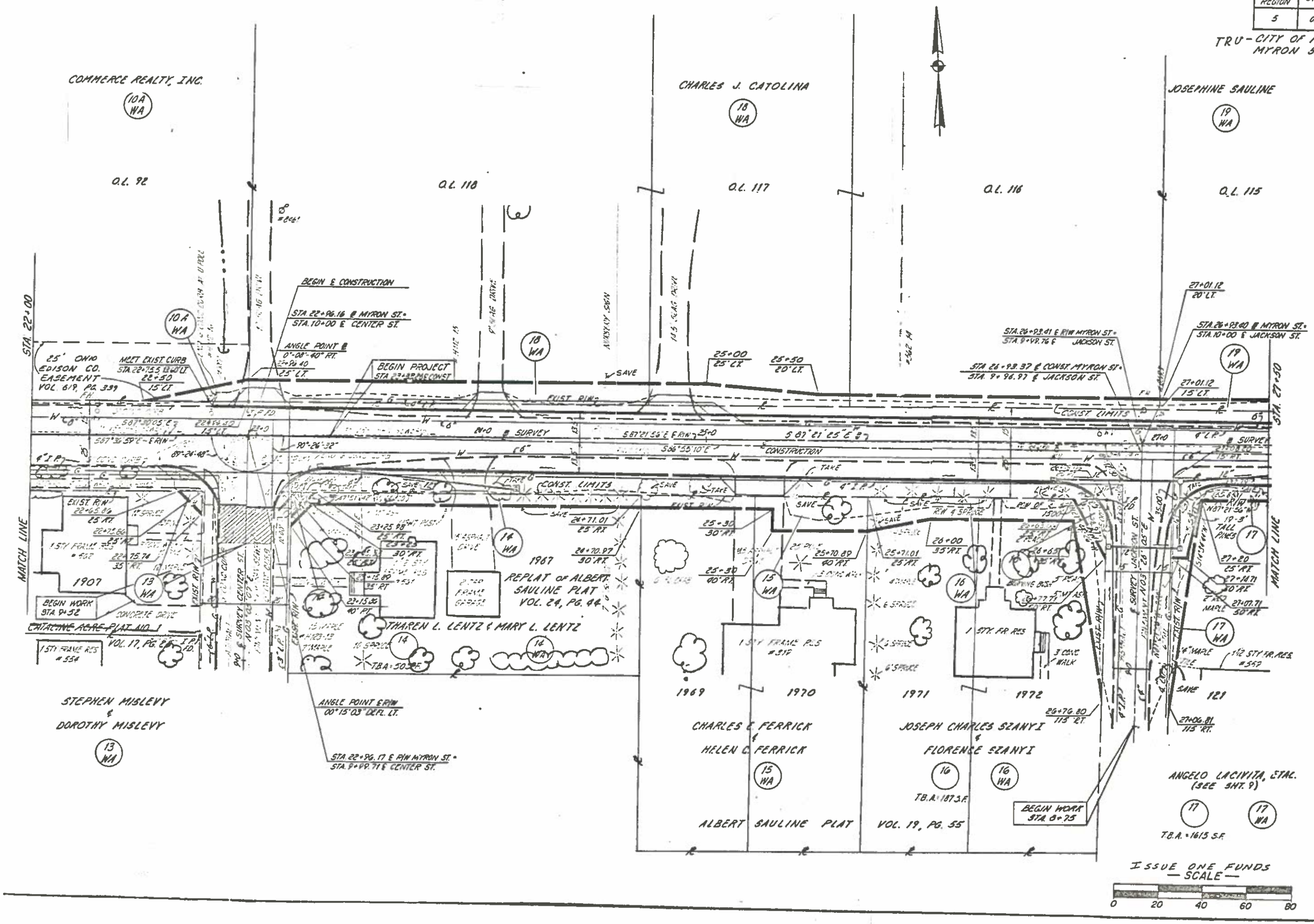
Revised
Sheet Completed
Date: 4/23/75
R/W 17+25 to 22+00

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

52/55

TRU-CITY OF HUBBARD
MYRON STREET

R/W Sheet 8/11



Revised

Sheet Completed
Date: 6/23/75

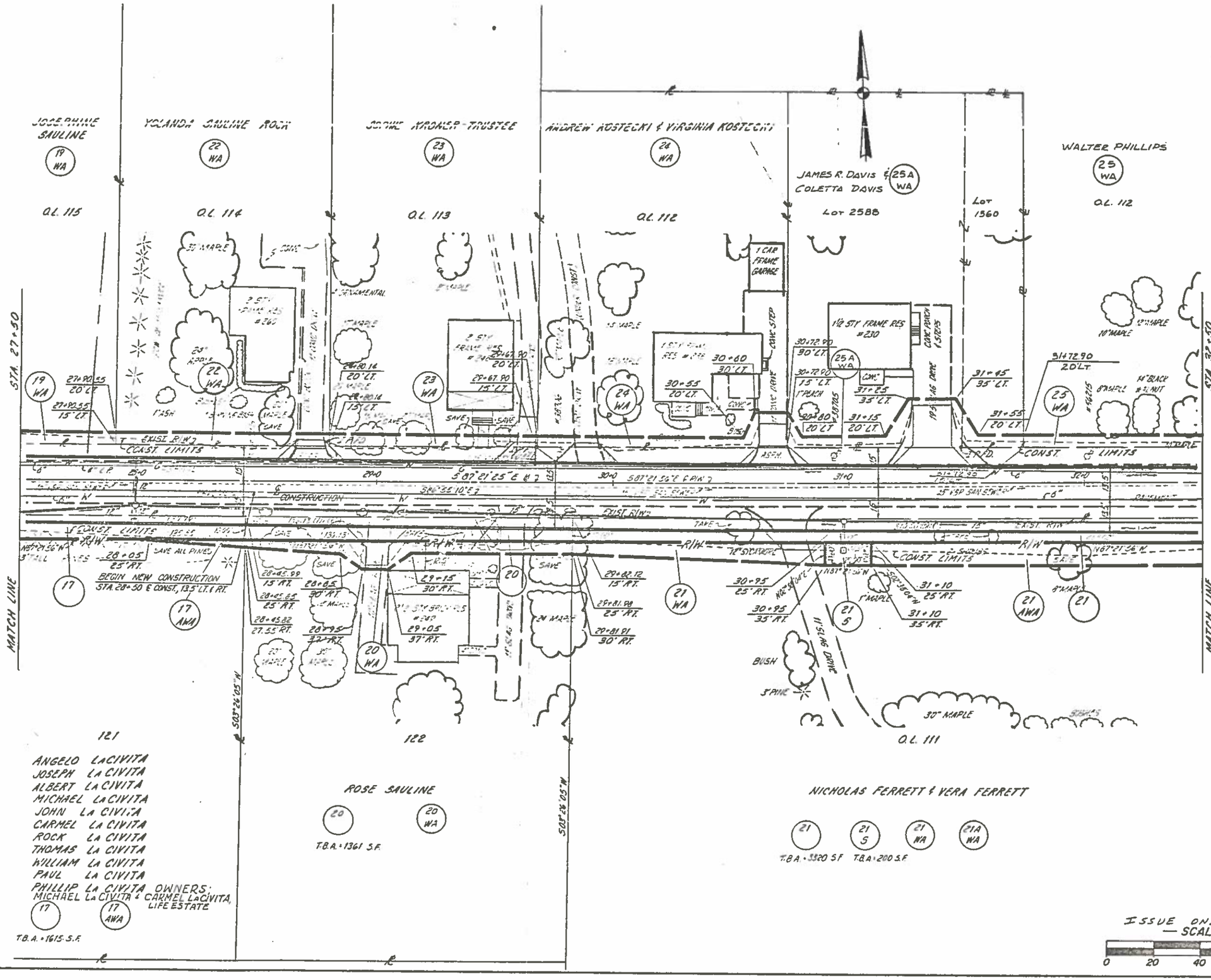
R/W 22+00 to 27+50

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

53/55

TRU-CITY OF HUBBARD
MYRON STREET

R/W Sheet 9/11



ADDED PCL 25A-WA,
REVISED 26-WA 1-13-76

Revised

Sheet Completed
Date: 6/23/75

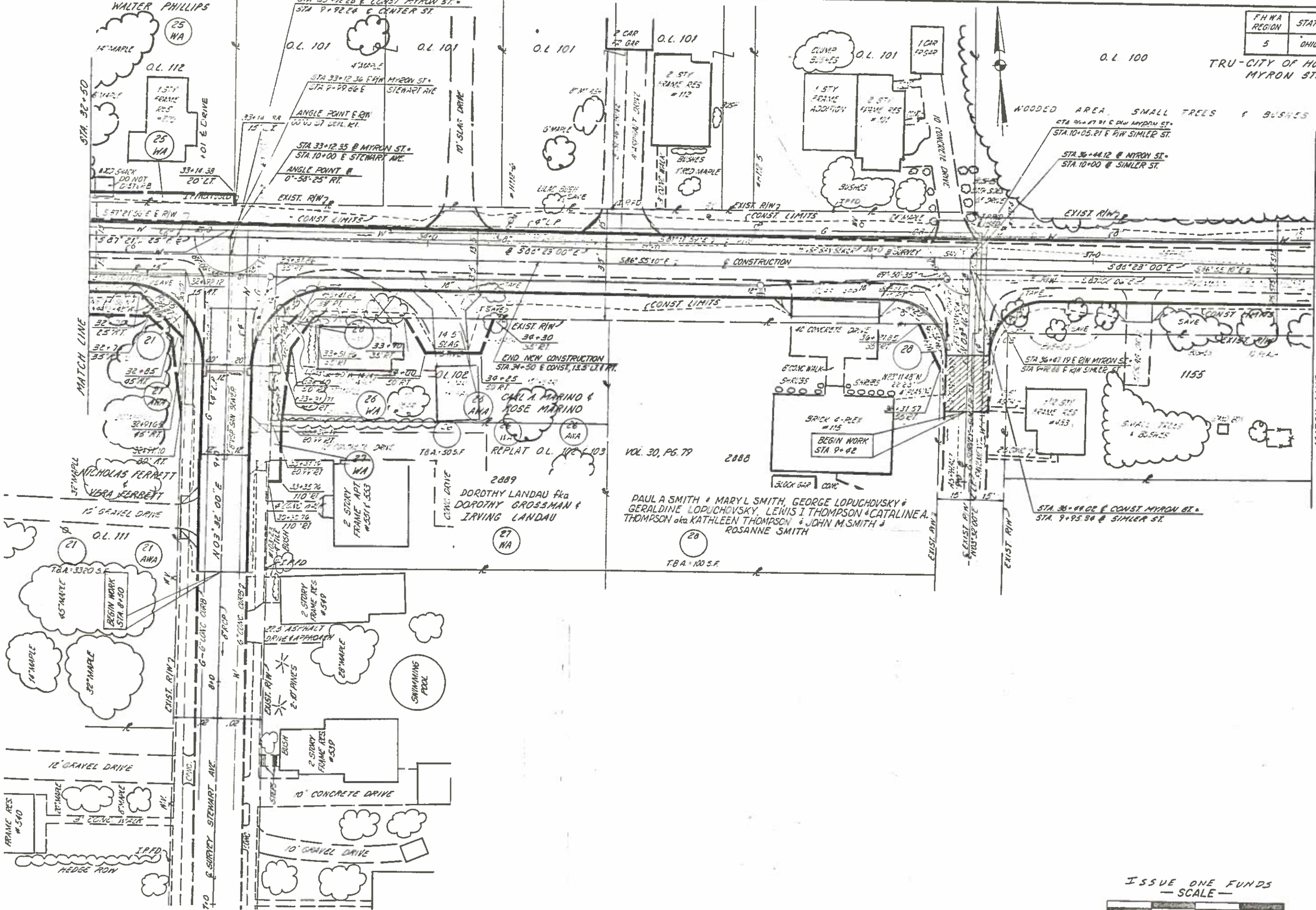
R/W 27+50 to 32+50

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

54/55

TRU-CITY OF HUBBARD
MYRON STREET

R/W Sheet 10/11



ISSUE ONE FUNDS
— SCALE —
0 20 40 60 80

ADDED DRIVE AT STA 33+01
LT PCL 25 WA 1-20-76
Revised

Sheet Completed
Date: 6/23/75

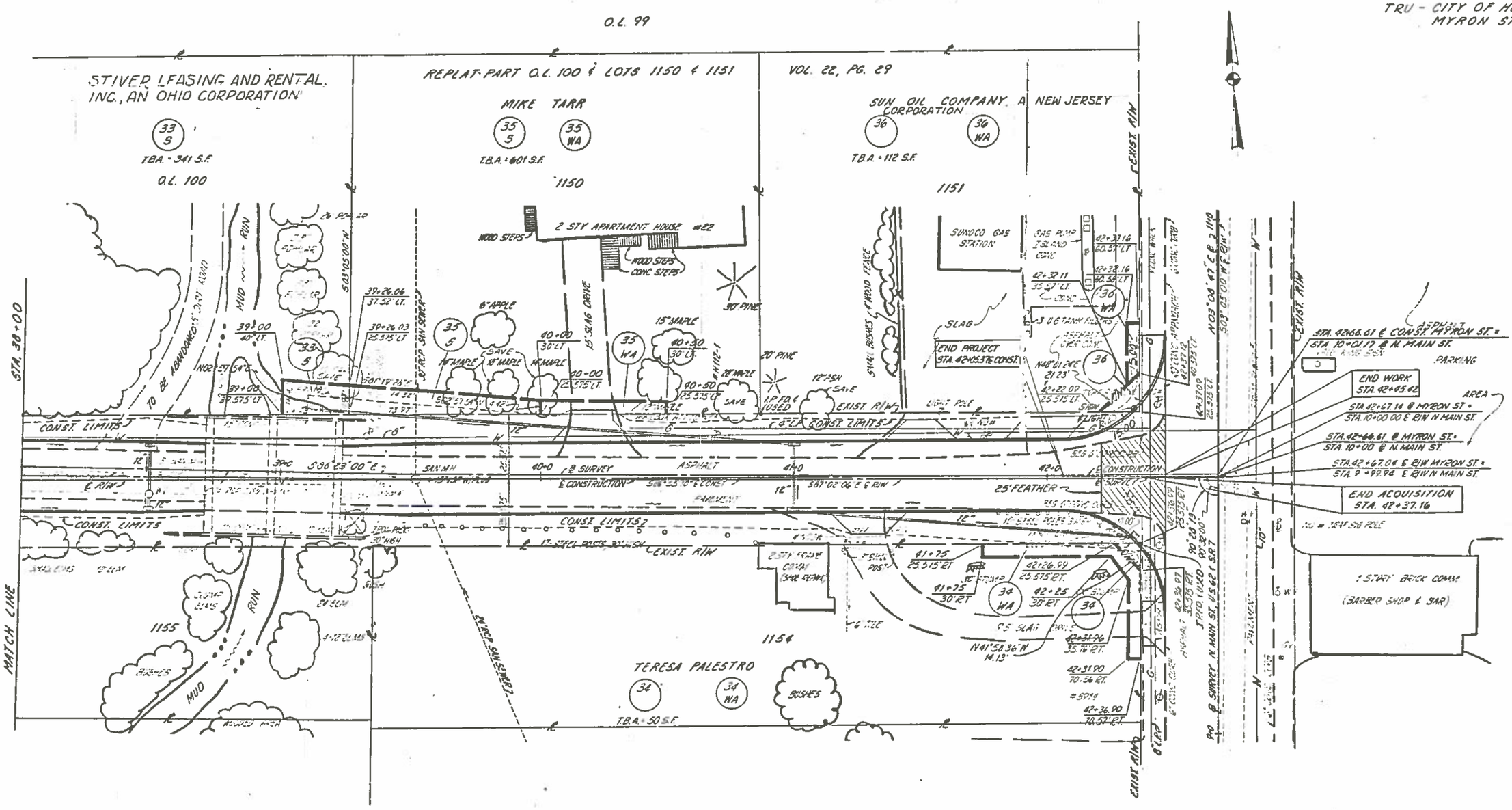
R/W 32+50 to 30+00

FHWA REGION	STATE	PROJECT	
5	OHIO	ISSUE 1	

55/55

TRU - CITY OF HUBBARD
MYRON STREET

R/W Sheet 11/11



ISSUE ONE FUNDS
— SCALE —
0 20 40 60 80

PCL 335 NAME CHANGE 3-4-76

Revised

Sheet Completed
Date: 6/23/75

R/W 38+00 to 42+66.61