

**UTILITIES**

CONTACTS  
 AT&T : JESSE WEAD : 937-296-3894  
 CITY OF DAYTON WATER : BEN BOTINS : 937-333-2058  
 DAYTON POWER & LIGHT : GREG WEATHERS : 937-267-6742  
 TIME WARNER CABLE : CHRIS BOOKSH : 937-425-8854  
 CENTERPOINT ENERGY (VECTREN) :  
 BONNIE WESTERN : 937-440-1974  
 RTA : PAT MURPHY : 937-425-8531

RTA HAS ELECTRIC TROLLEY BUS INFRASTRUCTURE AT VARIOUS LOCATIONS INCLUDED IN THIS PROJECT. THIS INFRASTRUCTURE IS TO BE PROTECTED AND MAINTAINED DURING CONSTRUCTION, AND ANY DAMAGE SHALL BE IMMEDIATELY CALLED INTO THE UTILITY.

WORK AT W. 3RD ST MIDBLOCK REQUIRES GRADE ADJUSTMENT OF AN EXISTING ELECTRIC SERVICE BOX. SERVICE BOX WORK SHALL BE PERFORMED BY DAYTON POWER & LIGHT FORCES. THE CONTRACTOR SHALL CONTACT DP&L PRIOR TO COMMENCING ANY WORK AT THIS SITE TO COORDINATE, AND PROVIDE A MINIMUM 2 WEEKS NOTICE BEFORE START OF SERVICE BOX RECONSTRUCTION. THE SERVICE BOX FALLS WITHIN A PROPOSED CURB RAMP. RAMP SLOPES AS DETAILED IN THESE PLANS AND AS PER ADA GUIDELINES MUST BE MET AT THIS LOCATION.

WORK AT W.3RD ST MIDBLOCK, W. 3RD ST & LUDLOW ST AND W. 4TH ST & LUDLOW ST REQUIRES GRADE ADJUSTMENT OF EXISTING GAS VALVE BOXES. GAS VALVE BOX ADJUSTMENT SHALL BE PERFORMED BY CENTERPOINT ENERGY (AKA VECTREN) FORCES. THE CONTRACTOR SHALL PROVIDE CENTERPOINT ENERGY A MINIMUM OF 2 WEEKS NOTICE FOR VALVE BOX ADJUSTMENT.

ANY REQUIRED REPAIRS TO EXISTING UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE PERFORMED BY THE CONTRACTOR OR UTILITY WITH NO EXPENSE TO THE CITY OF DAYTON OR ODOT.

**TRASH CANS, BIKE RACKS & NEWSPAPER BOXES, EXISTING**

EXISTING TRASH CANS, BIKE RACKS, & NEWSPAPER BOXES WILL BE REMOVED AND STORED BY CITY OF DAYTON FORCES. THE CONTRACTOR WILL CONTACT THE CITY PUBLIC WORKS DEPARTMENT TO REQUEST THEIR REMOVAL A MINIMUM OF TWO WEEKS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS AT A SPECIFIC PROJECT SITE. ONCE CONSTRUCTION AT A SITE HAS BEEN COMPLETED, THE CONTRACTOR WILL NOTIFY THE CITY THAT THE SITE IS FULLY ACCESSIBLE. THE CITY WILL REINSTALL THE PREVIOUSLY REMOVED ITEMS.

DAYTON PUBLIC WORKS DEPARTMENT  
 101 W. THIRD STREET  
 DAYTON, OH 45402  
 937-333-4800

**USPS MAILBOXES**

MAILBOXES MAINTAINED BY THE US POSTAL SERVICE (BLUE DROP BOXES) LOCATED WITHIN THE CONSTRUCTION LIMITS OR THAT MAY OTHERWISE BE IMPACTED BY CONTRACTOR ACTIVITIES SHALL BE REMOVED BY THE USPS. THE CONTRACTOR SHALL CONTACT USPS TO REQUEST MAILBOX REMOVAL A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES AT THE SITE.

DAYTON MAIN POST OFFICE  
 1111 E. FIFTH STREET  
 DAYTON, OH 45401  
 937-227-1120

**ABBREVIATIONS**

(NWR) = NO WORK REQUIRED  
 (TRIS) = TO REMAIN IN SERVICE  
 (TBR) = TO BE REMOVED  
 (ATG) = ADJUST TO GRADE  
 (TBRBO) = TO BE REMOVED BY OTHERS  
 (DND) = DO NOT DISTURB

- ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)
- ITEM 202 - WALK REMOVED, AS PER PLAN
- ITEM 202 - CURB REMOVED, AS PER PLAN
- ITEM 202 - PIPE REMOVED, 24" AND UNDER, AS PER PLAN
- ITEM 202 - MANHOLE REMOVED, AS PER PLAN
- ITEM 202 - CATCH BASIN REMOVED, AS PER PLAN

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 202 REMOVAL OF STRUCTURES AND OBSTRUCTIONS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 304 - AGGREGATE BASE, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 304 AGGREGATE BASE, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 407 - TACK COAT, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 407 TACK COAT, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG 64-22 (3")**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 403 ASPHALT CONCRETE, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS. THE CONTRACTOR SHALL PLACE THIS ITEM IN TWO LIFTS WITH A THICKNESS NO GREATER THAN 1.5" EACH.

**ITEM 452 - VARIABLE THICKNESS NON-REINFORCED CONCRETE PAVEMENT, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 452 PLAIN PORTLAND CEMENT PAVEMENT, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 608 - 4" CONCRETE WALK, AS PER PLAN**  
**ITEM 608 - 6" CONCRETE WALK, AS PER PLAN**

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 608 WALKS, CURB RAMPS AND STEPS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS AND PER CITY OF DAYTON STANDARD CONSTRUCTION DRAWING 10/45.

**ITEM 608 - CURB RAMP, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 608 WALKS, CURB RAMPS AND STEPS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS AND PER CITY OF DAYTON STANDARD CONSTRUCTION DRAWING 17/45.

**ITEM 608 - DETECTABLE WARNING, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 608 WALKS, CURB RAMPS AND STEPS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS AND PER CITY OF DAYTON STANDARD CONSTRUCTION DRAWING 17/45.

**ITEM 609 - CURB, TYPE 6, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 609 CONCRETE BARRIER CURB, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS AND PER CITY OF DAYTON STANDARD CONSTRUCTION DRAWING 8/45.

**ITEM 613 - LOW STRENGTH MORTAR BACKFILL (TYPE 2), AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 615 LOW STRENGTH MORTAR BACKFILL, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 623 CONSTRUCTION LAYOUT STAKES, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 624 - MOBILIZATION, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 624 MOBILIZATION, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 625 - PULL BOX, MISC.: ADJUSTED TO GRADE**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 625 HIGHWAY LIGHTING, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 630 - GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN**

**ITEM 630 - SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN**

**ITEM 630 - SIGN, FLAT SHEET, AS PER PLAN**

**ITEM 630 - REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, AS PER PLAN**

**ITEM 630 - REMOVAL OF GROUND MOUNTED SIGNS AND REERECTION, AS PER PLAN**

**ITEM 630 - REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, AS PER PLAN**

**ITEM 630 - REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL, AS PER PLAN**

**ITEM 630 - REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, AS PER PLAN**

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 630 TRAFFIC SIGNS AND SIGN SUPPORTS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

GROUND MOUNTED SIGNS SHALL BE ATTACHED TO YIELDING POSTS AS PER U-CHANNEL SIGN ATTACHMENT DETAIL ON SHEET P.05.

**ITEM 631 - REMOVAL OF LUMINAIRE, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 631 SIGN LIGHTING AND ELECTRICAL SIGNS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 632 - VEHICULAR SIGNAL HEAD, (LED), 1-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, AMBER**

**ITEM 632 - REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, VEHICULAR SIGNAL HEAD**

**ITEM 632 - REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN SIGNAL HEAD**

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 632 TRAFFIC SIGNAL EQUIPMENT, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 632 - PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN**

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 632 TRAFFIC SIGNAL EQUIPMENT, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS AND PER CITY OF DAYTON STANDARD CONSTRUCTION DRAWING 33/45.

**ITEM 644 - LANE LINE, 4", AS PER PLAN**

**ITEM 644 - CENTER LINE, AS PER PLAN**

**ITEM 644 - CHANNELIZING LINE, 8", AS PER PLAN**

**ITEM 644 - STOP LINE, AS PER PLAN**

**ITEM 644 - LANE ARROW, AS PER PLAN**

**ITEM 644 - YIELD LINE, AS PER PLAN**

**ITEM 644 - REMOVAL OF PAVEMENT MARKING**

**ITEM 644 - REMOVAL OF PAVEMENT MARKING**

**ITEM 644 - PAVEMENT MARKING, MISC.: DOTTED LINE, 8", AS PER PLAN**

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 644 THERMOPLASTIC PAVEMENT MARKINGS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 644 - CROSSWALK LINE, AS PER PLAN**

**ITEM 644 - PAVEMENT MARKING, MISC.: PIANO KEYS, 24"**

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 644 THERMOPLASTIC PAVEMENT MARKINGS, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS AND PER SHEET P.05.

**ITEM 646 - STOP LINE, AS PER PLAN**

**ITEM 646 - LANE ARROW, AS PER PLAN**

**ITEM 646 - DOTTED LINE, AS PER PLAN**

**ITEM 646 - REMOVAL OF PAVEMENT MARKING, AS PER PLAN**

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 646 EPOXY PAVEMENT MARKING, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

**ITEM 646 - CROSSWALK LINE, AS PER PLAN**

**ITEM 646 - PAVEMENT MARKINGS, MISC.: PIANO KEYS, 24"**

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 646 EPOXY PAVEMENT MARKING, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS AND PER SHEET P.05.

**SEEDING AND MULCHING**

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

ITEM 659, TOPSOIL, AS PER PLAN	21	CU. YD.
ITEM 659, SEEDING AND MULCHING, AS PER PLAN	125	SQ. YD.
ITEM 659, COMMERCIAL FERTILIZER, AS PER PLAN	0.02	TON
ITEM 659, LIME, AS PER PLAN	0.03	ACRES
ITEM 659, WATER, AS PER PLAN	1	M. GAL.

THESE ITEMS SHALL BE AS PER CITY OF DAYTON ITEM 659 SEEDING AND MULCHING, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

**EROSION CONTROL**

ANY CONTRACTOR WHO BEGINS EARTH DISTURBING WORK SHALL NOTIFY WATER ENGINEERING FORTY-EIGHT (48) HOURS IN ADVANCE AT (937) 333-3739.

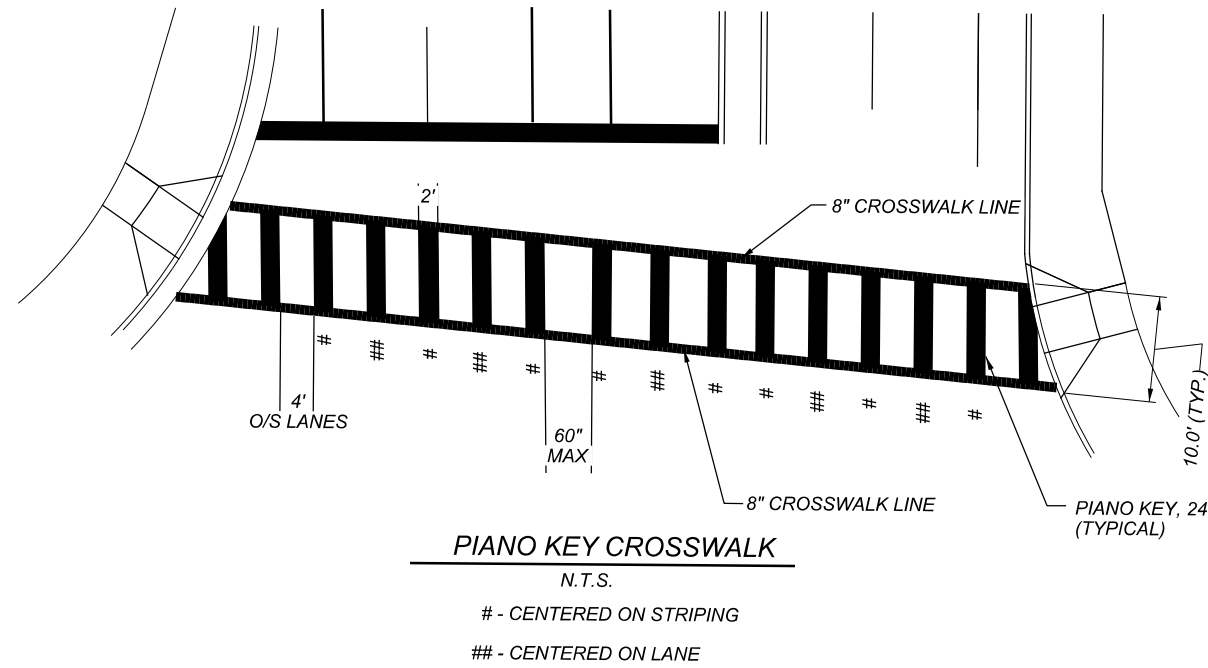
ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL. DISTURBED AREAS THAT LIE DORMANT FOR 30 DAYS OR MORE SHALL BE SEEDED OR PROTECTED WITHIN 7 CALENDAR DAYS OF THE DISTURBANCE. OTHER SEDIMENT CONTROLS THAT ARE INSTALLED SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND COVER.

ALL MUD/DIRT TRACKED ONTO ROADS FORM THE SITE, DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.

**ITEM 832 – EROSION CONTROL**

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR THE PURPOSE OF SEDIMENT AND EROSION CONTROL DURING CONSTRUCTION.

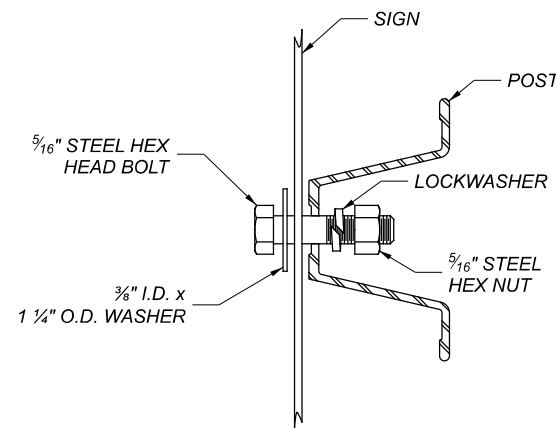
ITEM 832 – EROSION CONTROL	1000 EACH
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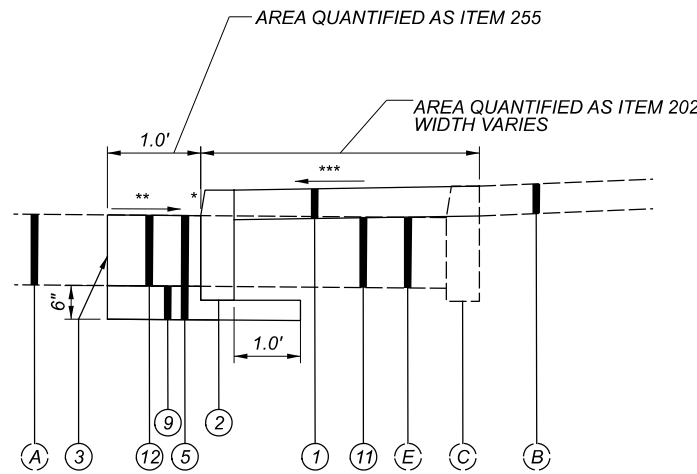
**PIANO KEY CROSSWALK**

N.T.S.

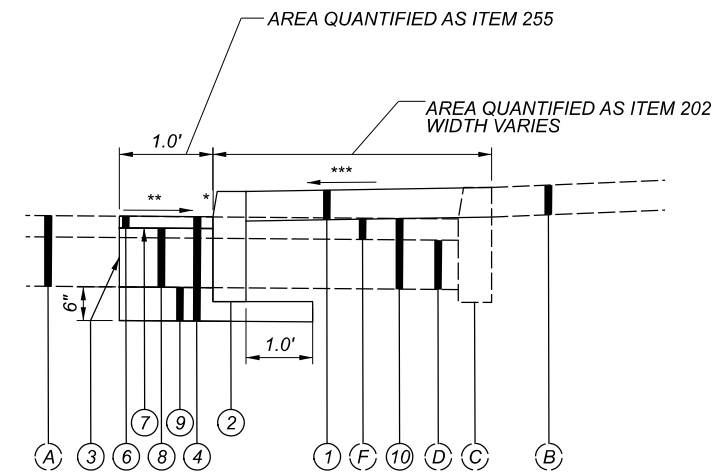
# - CENTERED ON STRIPING  
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**U-CHANNEL SIGN  
 ATTACHMENT DETAIL**



**CURB AND PAVEMENT DETAIL  
 ADJACENT TO EXISTING RIGID PAVEMENT**



**CURB AND PAVEMENT DETAIL  
 ADJACENT TO EXISTING FLEXIBLE PAVEMENT**

**ITEM D-609 - BARRIER CURB**

BARRIER CURB SHALL BE CONSTRUCTED AS PER CITY OF DAYTON SPECIFICATIONS, AND AS PER CITY OF DAYTON STANDARD CONSTRUCTION DRAWING 8/45. ITEM 304 AGGREGATE BASE SHALL BE PLACED UNDER NEW BARRIER CURB AND SHALL EXTEND 1.0' BEHIND BACK OF CURB AS DEPICTED IN CITY OF DAYTON STANDARD CONSTRUCTION DRAWING 3/45. AGGREGATE BASE AS DESCRIBED SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF ITEM D-609 BARRIER CURB, AND SHALL BE INCLUDED IN THE PER FOOT UNIT COST OF THIS ITEM.

**ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)**

THIS ITEM CONSISTS OF THE REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT AS DETAILED ON THIS SHEET. WORK SHALL BE PERFORMED AS PER CMS ITEM 255 WITH THE FOLLOWING REVISIONS:

- PORTLAND CEMENT CONCRETE BASE SHALL BE ITEM D-615, LOW STRENGTH MORTAR BACKFILL (TYPE 2)

- DISREGARD CMS 255.05

LSM BASE SHALL BE EQUAL IN DEPTH TO ADJACENT PAVEMENT BASE.

PAYMENT FOR THIS ITEM SHALL BE AS PER CMS 255.11 INCLUDING PAVEMENT REMOVAL, AGGREGATE BASE, LSM BACKFILL, TACK COAT, AND ASPHALT SURFACE COURSE AS SHOWN IN THE DETAIL ON THIS SHEET. MEASUREMENT OF ITEM 255 FOR PAYMENT SHALL BE OF THE AREA OF BASE COURSE REPLACED.

**ITEM LEGEND**

- |   |  |
|---|--|
| ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN  | Ⓐ EXISTING PAVEMENT BUILD UP           |
| ② ITEM 609 - CURB, TYPE 6, AS PER PLAN  | Ⓑ EXISTING WALK                        |
| ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING   | Ⓒ EXISTING CURB                        |
| ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2) | Ⓓ EXISTING CONCRETE BASE, 8"-9"        |
| ⑤ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1                          | Ⓔ EXISTING CONCRETE PAVEMENT, 9" -12"  |
| ⑥ ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG 64-22 (3")             | Ⓕ EXISTING ASPHALT CONCRETE, 3"-4"     |
| ⑦ ITEM 407 - TACK COAT, AS PER PLAN   | * - CURB HEIGHT 6" TYPICAL, 3" MINIMUM |
| ⑧ ITEM 613 - LOW STRENGTH MORTAR BACKFILL (TYPE 2), AS PER PLAN                                     | ** - MATCH EXISTING GRADE              |
| ⑨ ITEM 304 - AGGREGATE BASE, AS PER PLAN (  | *** - GRADE TO GUTTER, MAX 2%          |
| ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)                                    |  |
| ⑪ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)                                    |  |
| ⑫ ITEM 452 - VARIABLE THICKNESS NON-REINFORCED CONCRETE PAVEMENT, AS PER PLAN                       |  |
| ⑬ ITEM 608 - 6" CONCRETE WALK, AS PER PLAN  |  |

SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	6	9	11	13	14	16a	19	20	23	27	31	01/SAE/OT	EXT	TOTAL				
<b>ROADWAY</b>																		
			12	38		61			93	108	104	416	202	23001	416	SY	PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	P.03
				40			53		20			113	202	23001	113	SY	PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)	P.03
		45	488	572	487	628	235		901	1,507	1,795	6,658	202	30001	6,658	SF	WALK REMOVED, AS PER PLAN	P.03
			40	123	134	81	96		209	203	187	1,073	202	32001	1,073	FT	CURB REMOVED, AS PER PLAN	P.03
									20	7	10	37	202	35101	37	FT	PIPE REMOVED, 24" AND UNDER, AS PER PLAN	P.03
									1		1	2	202	58001	2	EACH	MANHOLE REMOVED, AS PER PLAN	P.03
							2		1	1	2	6	202	58101	6	EACH	CATCH BASIN REMOVED, AS PER PLAN	P.03
				7			11		4			22	255	10010	22	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1	P.05
			10	7		14			24	27	25	107	255	10200	107	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)	P.05
			94	126		130	96		254	246	228	1,174	255	20000	1,174	FT	FULL DEPTH PAVEMENT SAWING	P.05
			318	957	70	643	483		1,534	2,101	2,353	8,459	608	10001	8,459	SF	4" CONCRETE WALK, AS PER PLAN	P.03
			35			20						55	608	13001	55	SF	6" CONCRETE WALK, AS PER PLAN	P.03
		63	237	331	751	191	253		418	408	415	3,067	608	52001	3,067	SF	CURB RAMP, AS PER PLAN	P.03
					40							40	608	53021	40	SF	DETECTABLE WARNING, AS PER PLAN	P.03
			39	70	24	100	55		144	139	119	690	609	26001	690	FT	CURB, TYPE 6, AS PER PLAN	P.03
<b>EROSION CONTROL</b>																		
21												21	659	00301	21	CY	TOPSOIL, AS PER PLAN	P.03
125												125	659	10001	125	SY	SEEDING AND MULCHING, AS PER PLAN	P.03
0.02												0.02	659	20001	0.02	TON	COMMERCIAL FERTILIZER, AS PER PLAN	P.03
0.03												0.03	659	31001	0.03	ACRE	LIME, AS PER PLAN	P.03
1												1	659	35001	1	MGAL	WATER, AS PER PLAN	P.03
1,000												1,000	832	30000	1,000	EACH	EROSION CONTROL	P.03
<b>DRAINAGE</b>																		
						141	90			10	54	295	611	04400	295	FT	12" CONDUIT, TYPE B706.02	
						1	4			1	2	8	611	98180	8	EACH	CATCH BASIN, NO. 3A	
						1						1	611	98390	1	EACH	CATCH BASIN, NO. 7	
						1	1				1	3	611	99574	3	EACH	MANHOLE, NO. 3	
							1		1	1	1	4	611	99654	4	EACH	MANHOLE ADJUSTED TO GRADE	
<b>WATER WORK</b>																		
									1	1	2	638	10800	2	EACH	VALVE BOX ADJUSTED TO GRADE		
<b>TRAFFIC CONTROL</b>																		
			4			4						8	620	60000	8	EACH	DELINEATOR, POST SURFACE MOUNTED	
			33	33	120	60	33					279	630	03101	279	FT	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	P.03
								3				3	630	79501	3	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN	P.03
			22	30	136	40	30	5				263	630	80101	263	SF	SIGN, FLAT SHEET, AS PER PLAN	P.03
					4							4	630	84901	4	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, AS PER PLAN	P.03
						1						1	630	85101	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, AS PER PLAN	P.03
						8	1					9	630	86003	9	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, AS PER PLAN	P.03
				2			1		2			5	630	87401	5	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL, AS PER PLAN	P.03
				2	2		4					8	630	87501	8	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, AS PER PLAN	P.03
												2	631	94251	2	EACH	REMOVAL OF LUMINAIRE, AS PER PLAN	P.03
						0.1						0.1	644	00201	0.1	MILE	LANE LINE, 4", AS PER PLAN	P.03
						0.1						0.1	644	00301	0.1	MILE	CENTER LINE, AS PER PLAN	P.03
		70							40		15	125	644	00401	125	FT	CHANNELIZING LINE, 8", AS PER PLAN	P.03
		3,505		40	225		43	46	106	117	83	4,165	644	00501	4,165	FT	STOP LINE, AS PER PLAN	P.03
		12,605	72	90		92	92	231	411	436	346	14,375	644	00601	14,375	FT	CROSSWALK LINE, AS PER PLAN	P.03
		16										16	644	01301	16	EACH	LANE ARROW, AS PER PLAN	P.03
						44						44	644	20801	44	FT	YIELD LINE, AS PER PLAN	P.03
		234	90	545		1,082	445	277	578	575	422	4,248	644	30000	4,248	FT	REMOVAL OF PAVEMENT MARKING	P.03
									1			1	644	30020	1	EACH	REMOVAL OF PAVEMENT MARKING	P.03
		100										100	644	50300	100	FT	PAVEMENT MARKING, MISC.: DOTTED LINE, 8", AS PER PLAN	P.03
		12,044	52	240		70	222	165	523	547	439	14,302	644	50300	14,302	FT	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	P.03
		413										413	646	10401	413	FT	STOP LINE, AS PER PLAN	P.03

DESIGN AGENCY  
  
 2475 Sugar Grove Rd. SF  
 Lancaster, Ohio 43130  
 (740) 687-5542 Phone  
 www.zlwn.com

DESIGNER  
**KAZ**

REVIEWER  
**KAZ**

PROJECT ID  
**113274**

SHEET TOTAL  
**P.07 36**

SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	
3	6	9	11	13	14	16a	19	20	23	27	31	01/SAE/OT	EXT	TOTAL					
		1,394			843								2,237	646	10501	2,237	FT	CROSSWALK LINE, AS PER PLAN	P.03
		17											17	646	20301	17	EACH	LANE ARROW, AS PER PLAN	P.03
		100											100	646	20501	100	FT	DOTTED LINE, AS PER PLAN	P.03
					1,068								1,068	646	50101	1,068	FT	REMOVAL OF PAVEMENT MARKING, AS PER PLAN	P.03
		1,041			601								1,642	646	90000	1,642	FT	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	P.03
									1		2	3	625	31600	3	EACH	PULL BOX, MISC.: ADJUSTED TO GRADE	P.03	
					4							4	632	04803	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 1-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, AMBER	P.03	
		102			12			4				118	632	20730	118	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN		
					4							4	632	90020	4	EACH	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, VEHICULAR SIGNAL HEAD	P.03	
		102			12			4				118	632	90020	118	EACH	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN SIGNAL HEAD	P.03	
		50										50	614	11110	50	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	P.06	
		20										20	614	12600	20	EACH	REPLACEMENT DRUM	P.06	
													LS	614	11001	LS		MAINTAINING TRAFFIC, AS PER PLAN	P.06
													LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	P.03
													LS	624	10001	LS		MOBILIZATION, AS PER PLAN	P.03

GENERAL SUMMARY

DESIGN AGENCY  
**ZLMN**  
 2475 Sugar Grove Rd. SE  
 Lancaster, Ohio 43130  
 (740) 687-5542 Phone  
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DESIGNER  
**KAZ**

REVIEWER  
**DES 11/02/20**

PROJECT ID  
**113274**

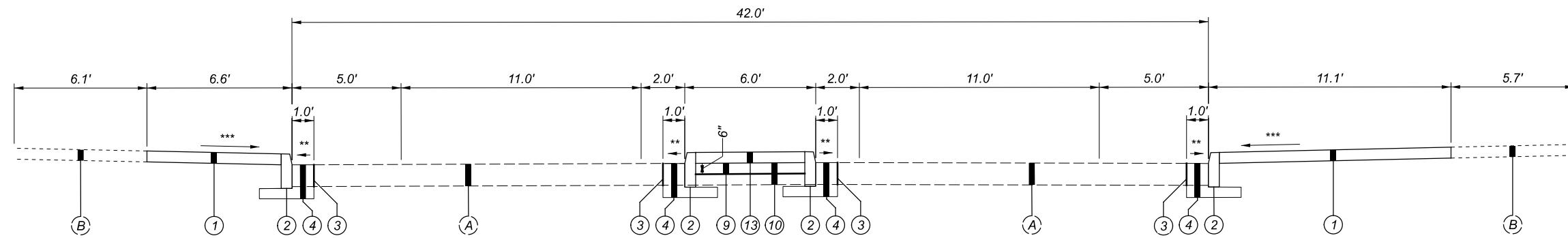
SHEET TOTAL  
**P.08 | 36**

REF NO.	SHEET NO.	STATION TO STATION	202	608	632	632	644	644	644	644	644	644	644	646	646	646	646	646
			WALK REMOVED, AS PER PLAN	CURB RAMP, AS PER PLAN	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN SIGNAL HEAD	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	STOP LINE, AS PER PLAN	CROSSWALK LINE, AS PER PLAN	LANE ARROW, AS PER PLAN	CHANNELIZING LINE, 8", AS PER PLAN	REMOVAL OF PAVEMENT MARKING	PAVEMENT MARKING, MISC.: DOTTED LINE, 8", AS PER PLAN	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	STOP LINE, AS PER PLAN	DOTTED LINE, AS PER PLAN	CROSSWALK LINE, AS PER PLAN	LANE ARROW, AS PER PLAN
		TO	SF	SF	EACH	EACH	FT	FT	FT	EACH	FT	FT	FT	FT	FT	FT	FT	EACH
4		PATTERSON BLVD & MONUMENT AVE			8	8	330	104	476	2	70							
8		SOUTH MAIN ST & APPLE ST					269	99	378									
9		THIRD ST & WILLIAMS			8	8	252	99	371									
10		THIRD ST & BROADWAY					295	105	402									
11		GETTYSBURG AVE & FREE PIKE			8	8	434	167	583									
12		EDWIN C MOSES & STEWART ST			8	8	434	183	654	14			100					
13		BROWN ST & IRVING AVE					226	78	326									
14		PATTERSON & STEWART ST.			8	8								503	201	100	726	17
15		MONUMENT & LUDLOW					304	50	320									
16		MONUMENT & MAIN					330	156	516									
17		MONUMENT & ST. CLAIR					231	45	177									
19		FIRST & LUDLOW					624	110	490									
20		FIRST & JEFFERSON					559	139	476									
21		SECOND & PATTERSON					438	105	360									
22		THIRD & COUNTY GARAGE					171	72	142			22						
23		THIRD & PERRY					520	110	444									
24		THIRD & WILKINSON					598	111	492									
25		THIRD & ST. CLAIR					494	100	392									
26		THIRD & PATTERSON					624	127	548									
27		THIRD & WAYNE					260	101	271									
28		THIRD & MADISON					354	105	372									
29		THIRD & WEBSTER					242	103	244									
30		FOURTH & PERRY					462	103	230									
31		FIFTH & WILKINSON					546	132	414									
32		FIFTH & JEFFERSON					556	105	494									
35		SMITHVILLE & WOODBINE	45	63	8	8	338	89	342									
37		IRVING AVE AT DAY- KET TRAIL					174		61			212						
38		GETTYSBURG & GERMANTOWN			12	12								538	212		668	
39		GETTYSBURG & LAKESIDE			2	2	96	89	156									
40		GETTYSBURG & JAMES H. MCGEE			8	8	451	181	672									
41		GETTYSBURG & HILLCREST			8	8	347	134	456									
43		THIRD & WESTOWN			2	2	96	73	96									
44		THIRD & GETTYSBURG			8	8	416	143	550									
45		THIRD & ABBEY			8	8	356	118	450									
47		SMITHVILLE & TUTTLE			6	6	217	69	250									
TOTALS CARRIED TO GENERAL SUMMARY			45	63	102	102	12044	3505	12605	16	70	234	100	1041	413	100	1394	17

PEDESTRIAN CROSSING SUMMARY



DESIGNER: KAZ  
 REVIEWER: DES 11/02/20  
 PROJECT ID: 113274  
 SHEET: P.09 TOTAL: 36



TYPICAL SECTION  
(NOT TO SCALE)

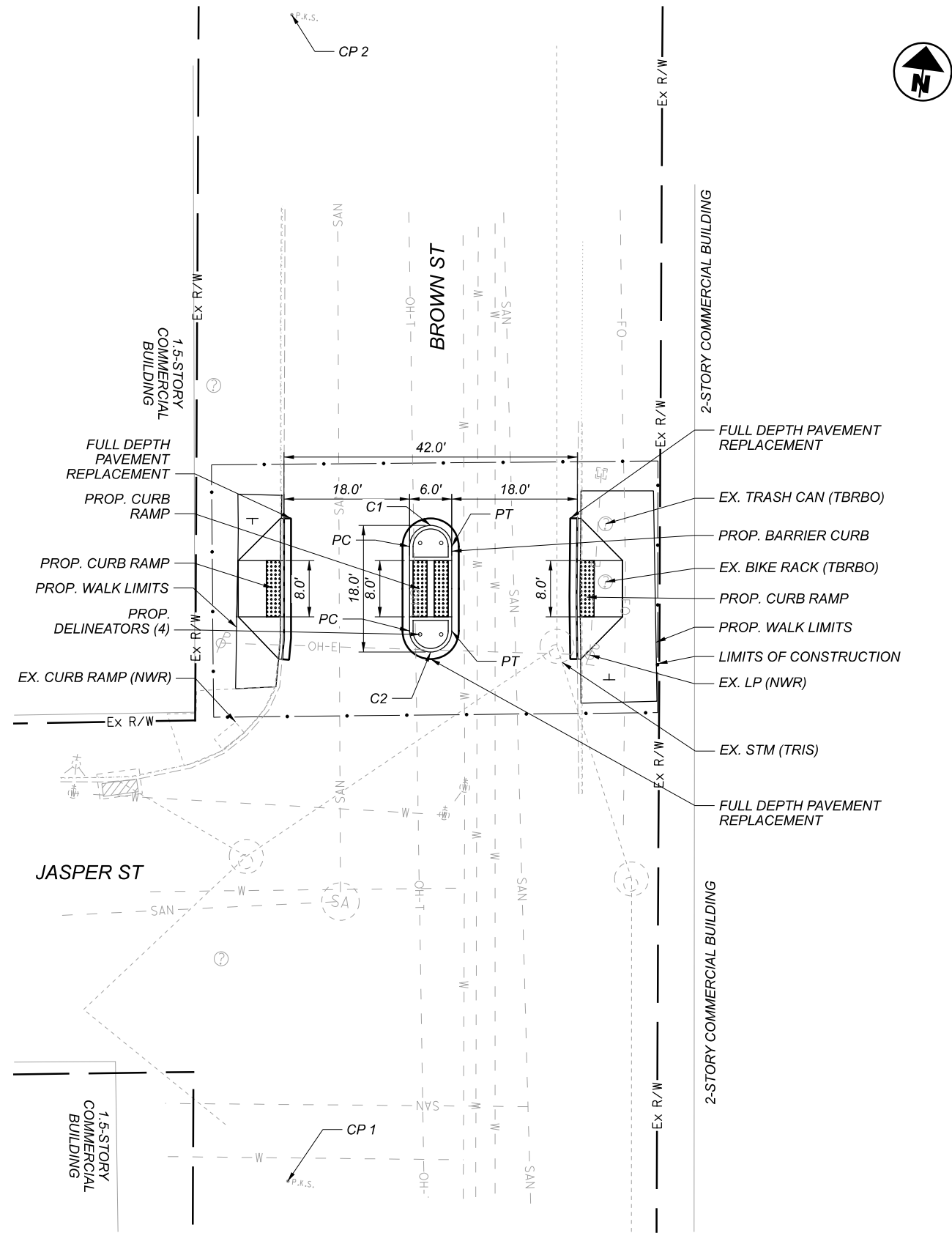
**NOTES:**

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.
2. ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE), FOR MEDIAN TRAFFIC ISLANDS IS QUANTIFIED FROM FACE OF CURB TO FACE OF CURB.

**ITEM LEGEND**

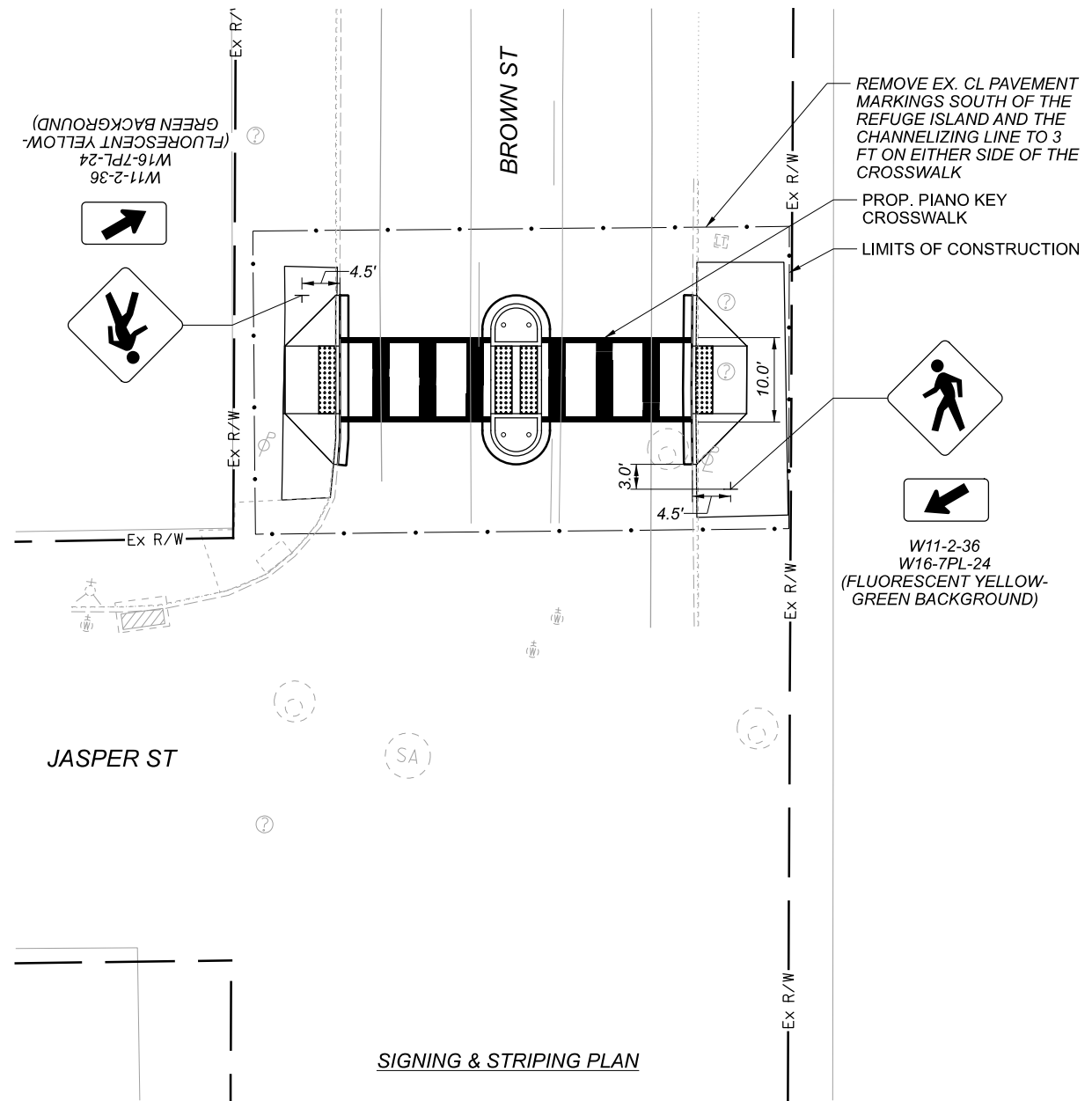
- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑨ ITEM 304 - AGGREGATE BASE, AS PER PLAN
- ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- ⑬ ITEM 608 - 6" CONCRETE WALK, AS PER PLAN
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK

\*\* - MATCH EXISTING GRADE  
 \*\*\* - GRADE TO GUTTER, MAX 2%



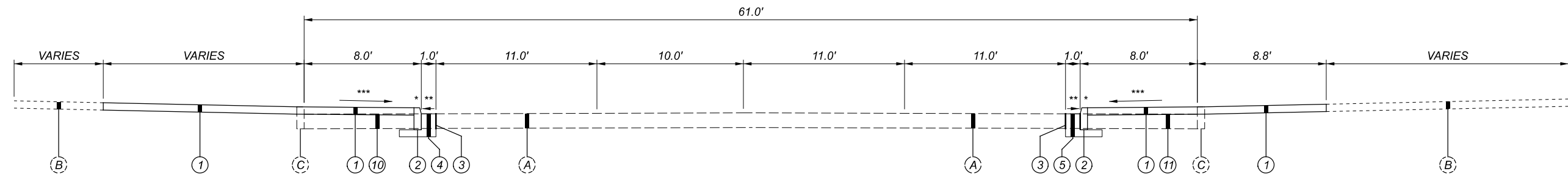
CURVE NO.	RADIUS	CURVE LAYOUT DATA					
		CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	3.00'	638883.35	1495451.81	638882.95	1495448.84	638883.75	1495454.78
C2	3.00'	638871.45	1495453.41	638871.05	1495450.43	638871.85	1495456.38

CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 1	638955.6670	1495422.1420	750.34
CP 2	638791.1730	1495443.7150	751.24



PLAN  
BROWN ST. AND JASPER ST.

ESTIMATED QUANTITIES															
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	202	202	202	255	255	608	608	608	609	620	630	630	644	644	644
CURB REMOVED, AS PER PLAN															
WALK REMOVED, AS PER PLAN															
FULL DEPTH PAVEMENT SAWING															
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)															
4" CONCRETE WALK, AS PER PLAN															
6" CONCRETE WALK, AS PER PLAN															
CURB RAMP, AS PER PLAN															
CURB, TYPE 6, AS PER PLAN															
DELINEATOR, POST SURFACE MOUNTED															
SIGN, FLAT SHEET, AS PER PLAN															
GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN															
PAVEMENT MARKING, MISC.: PIANO KEYS, 24"															
CROSSWALK LINE, AS PER PLAN															
REMOVAL OF PAVEMENT MARKING															
SY	FT	SF	FT	SY	SF	SF	SF	FT	EACH	SF	FT	FT	FT	FT	FT
12	40	488	94	10	318	35	237	39	4	22	33	52	72	90	



TYPICAL SECTION  
(NOT TO SCALE)

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.

2. THE CONTRACTOR SHALL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS ON SHEET P.05.

ITEM LEGEND

- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑤ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1
- ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- ⑪ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)

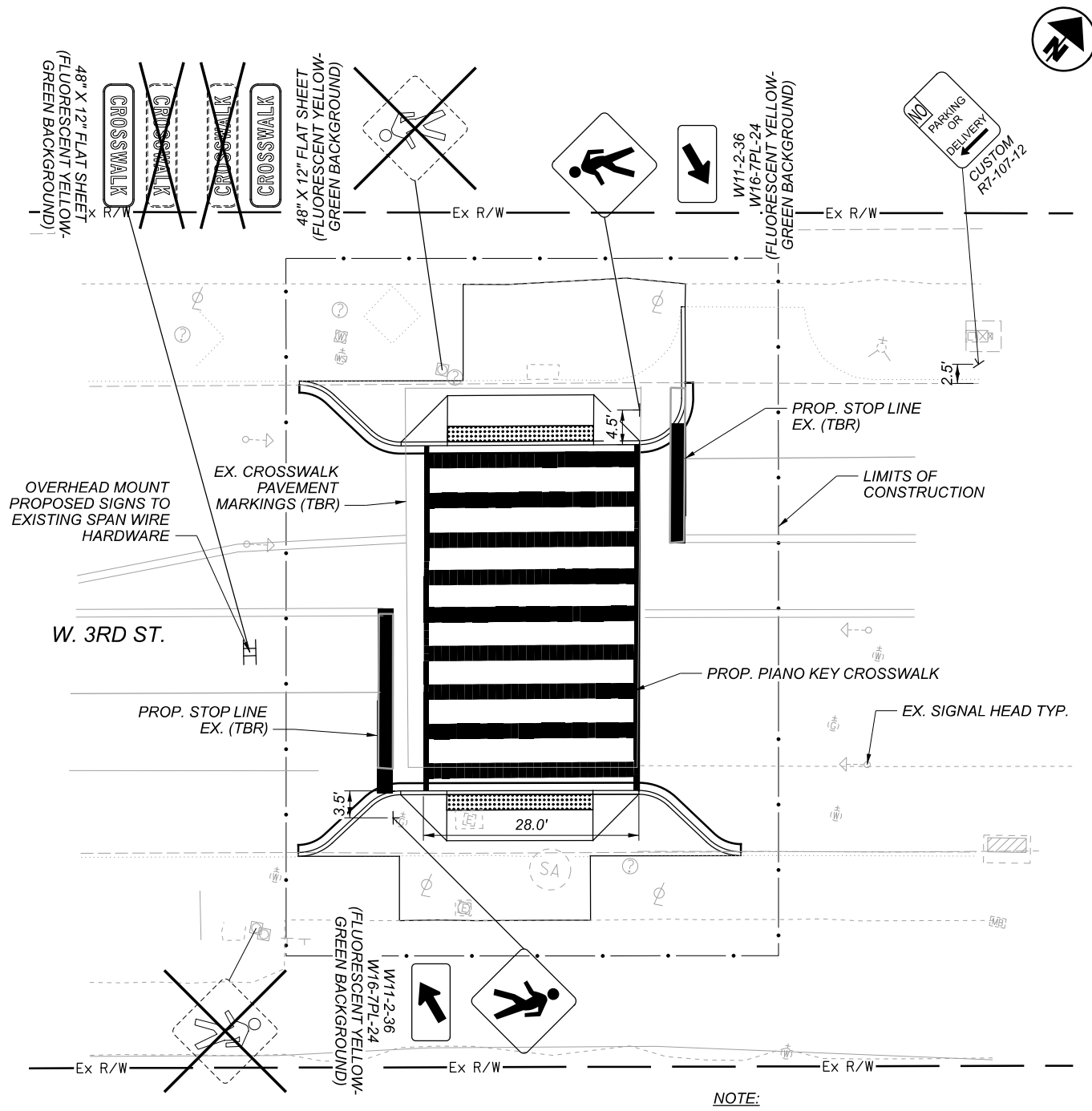
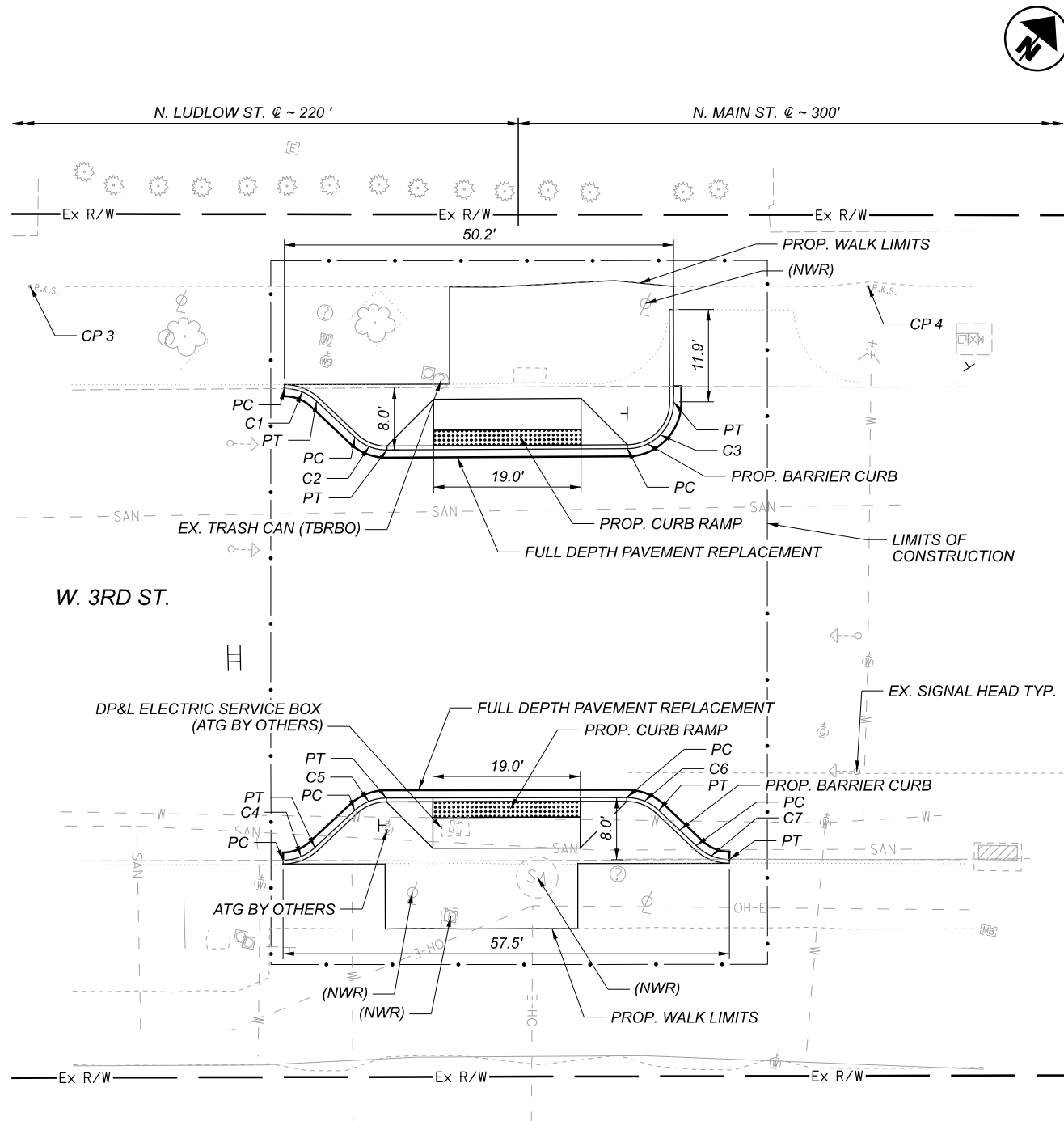
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB

\* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM

\*\* - MATCH EXISTING GRADE

\*\*\* - GRADE TO GUTTER, MAX 2%



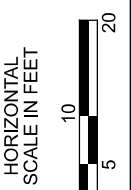


- NOTE:**
1. OVERHEAD CROSSWALK SIGNS AS PER ODOT SCD TC-52.20, SHAPE H-REC-2-4, 48" X 12"
  2. NEW OVERHEAD SIGNS SHALL PROVIDE VERTICAL CLEARANCE EQUAL TO OR GREATER THAN EXISTING.

CURVE LAYOUT DATA							
CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	645275.17	1492579.52	645281.06	1492578.37	645280.22	1492582.75
C2	6.00'	645281.62	1492591.70	645276.57	1492588.46	645275.73	1492592.85
C3	6.00'	645287.56	1492622.09	645281.67	1492623.24	645288.70	1492627.98
C4	6.00'	645227.21	1492588.40	645221.31	1492589.53	645223.66	1492593.24
C5	6.00'	645225.77	1492602.23	645229.32	1492597.40	645231.66	1492601.11
C6	6.00'	645231.60	1492632.66	645237.49	1492631.53	645236.65	1492635.89
C7	6.00'	645238.01	1492644.90	645232.96	1492641.66	645232.12	1492646.02

CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 3	645287.9080	1492543.7310	740.89
CP 4	645307.9580	1492649.8530	741.17

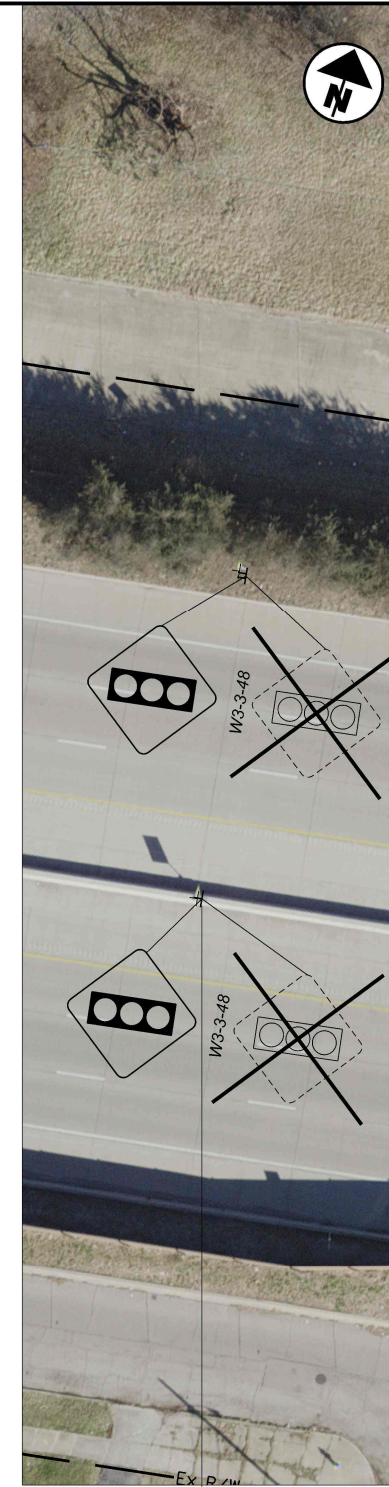
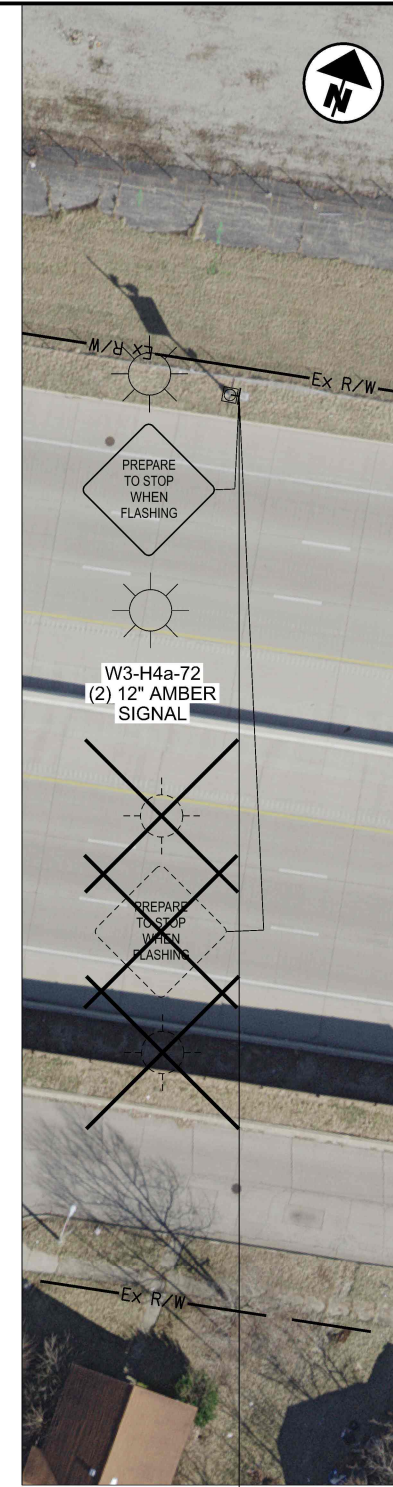
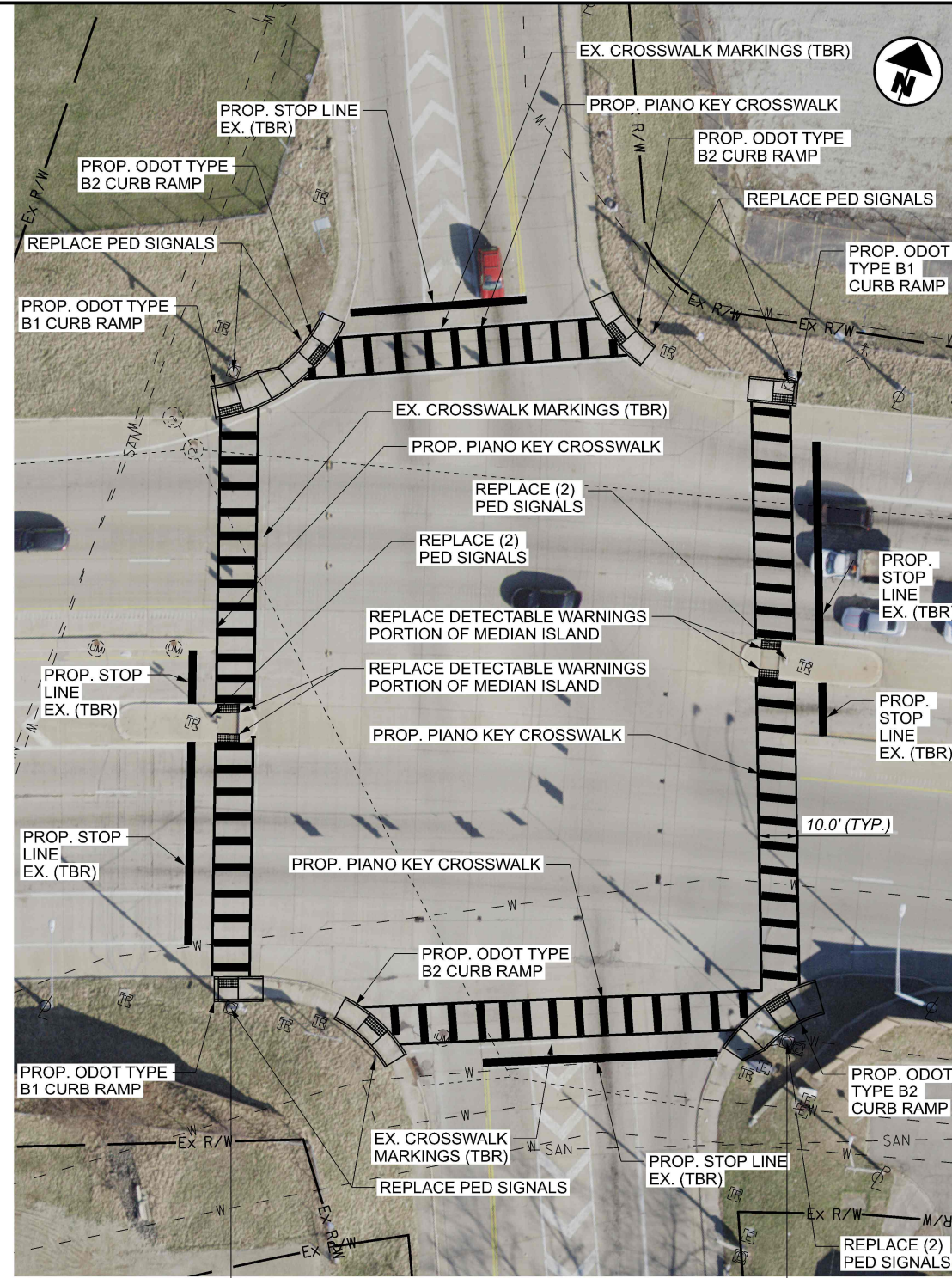
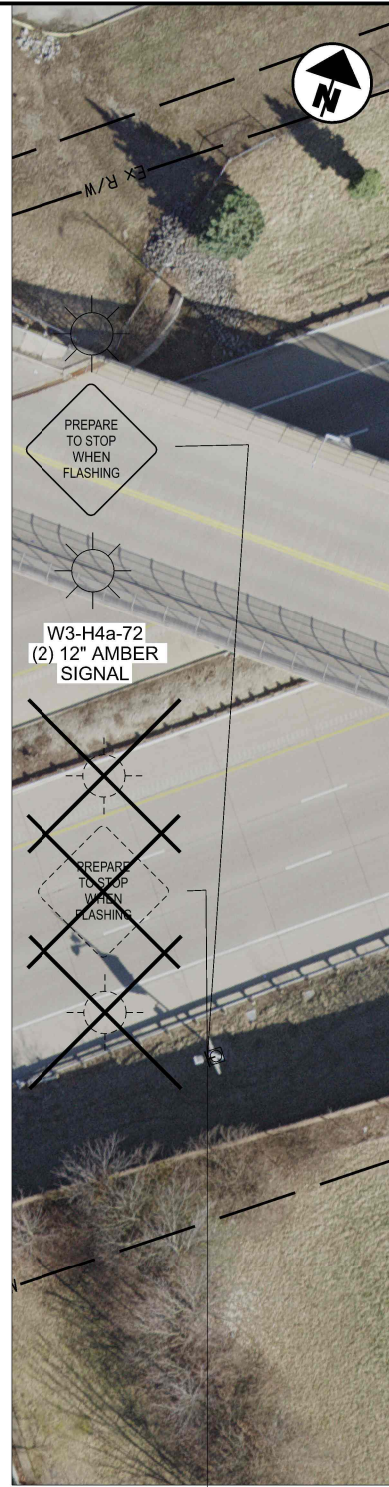
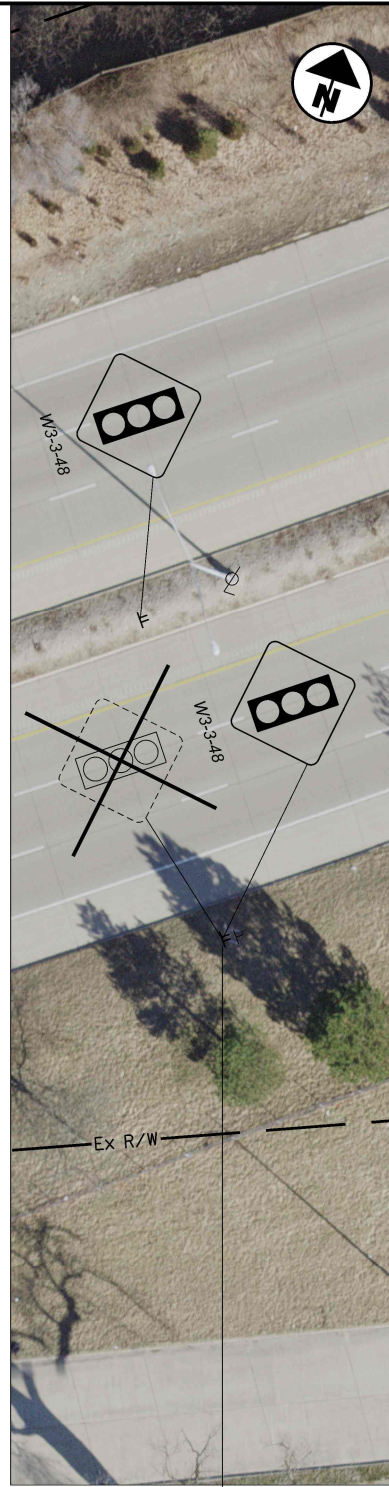
ESTIMATED QUANTITIES																	
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	202	202	202	202	255	255	255	608	608	609	630	630	630	630	644	644	644
PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)	SY	SY	FT	SF	FT	SY	SY	SF	SF	FT	SF	FT	EACH	EACH	FT	FT	FT
CURB REMOVED, AS PER PLAN	38	40	123	572	126	7	7	957	331	70	30	33	2	2	40	240	90
WALK REMOVED, AS PER PLAN																	
FULL DEPTH PAVEMENT SAWING																	
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1																	
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)																	
4" CONCRETE WALK, AS PER PLAN																	
CURB RAMP, AS PER PLAN																	
CURB, TYPE 6, AS PER PLAN																	
SIGN, FLAT SHEET, AS PER PLAN																	
GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN																	
REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL, AS PER PLAN																	
REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, AS PER PLAN																	
STOP LINE, AS PER PLAN																	
PAVEMENT MARKING, MISC.: PIANO KEYS, 24"																	
CROSSWALK LINE, AS PER PLAN																	
REMOVAL OF PAVEMENT MARKING																	



PLAN  
W. 3RD ST. MIDBLOCK

**MOT-DAYTON-PSIP-FY2021**

MODEL: SHEET1 - PLAN PAPER SIZE: (7x11) (in.) DATE: 12/6/2020 TIME: 10:20:54 PM USER: Kyle.Zellmer  
 V:\Projects\B&N\13274\_DAYTON\_PSIP\400-Engineer\InRoadway\Sheet's\13274\_0P003.dgn



APPROX. 1145'      APPROX. 640'      APPROX. 805'      APPROX. 1240'

ESTIMATED QUANTITIES																			
202	202	608	608	608	609	630	630	630	630	630	631	632	632	632	632	646	646	646	646
CURB REMOVED, AS PER PLAN	WALK REMOVED, AS PER PLAN	4" CONCRETE WALK, AS PER PLAN	CURB RAMP, AS PER PLAN	DETECTABLE WARNING, AS PER PLAN	CURB, TYPE 6, AS PER PLAN	SIGN, FLAT SHEET, AS PER PLAN	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, AS PER PLAN	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, AS PER PLAN	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, AS PER PLAN	REMOVAL OF LUMINAIRE, AS PER PLAN	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN SIGNAL HEAD	VEHICULAR SIGNAL HEAD, (LED), 1-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, AMBER	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, VEHICULAR SIGNAL HEAD	STOP LINE, AS PER PLAN	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	CROSSWALK LINE, AS PER PLAN	REMOVAL OF PAVEMENT MARKING, AS PER PLAN
FT	SF	SF	SF	SF	FT	SF	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT
134	487	70	751	40	24	136	120	4	8	2	2	12	12	4	4	225	601	843	1068

**NOTE:**

1. EXISTING PTSWF SIGNS AND AMBER SIGNALS SHALL BE REPLACED USING NEW HARDWARE, MAINTAINING THE EXISTING PEDESTALS, POSTS, SIGN SUPPORT, AND WIRING. EXISTING SIGN LIGHTING SHALL BE DISCONNECTED AND REMOVED.



**PLAN**  
**US-35 AND ABBEY AVE.**

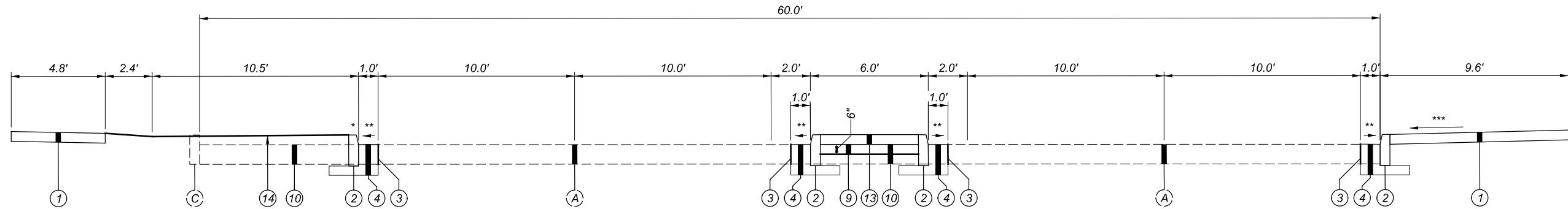
DESIGN AGENCY  
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 2475 Sugar Grove Rd. SE  
 Marietta, Ohio 43130  
 (740) 687-5542 Phone  
 www.zlmm.com

DESIGNER  
**KAZ**

REVIEWER  
 DES 11/02/20

PROJECT ID  
 113274

SHEET TOTAL  
 P.14 36



TYPICAL SECTION  
(NOT TO SCALE)

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.

2. THE CONTRACTOR SHALL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING, EXCEPT WHERE ELEVATIONS ARE DETAILED IN THE PLANS. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER THE DETAILS ON SHEET P.05.

3. ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE). FOR MEDIAN TRAFFIC ISLANDS IS QUANTIFIED FROM FACE OF CURB TO FACE OF CURB.

ITEM LEGEND

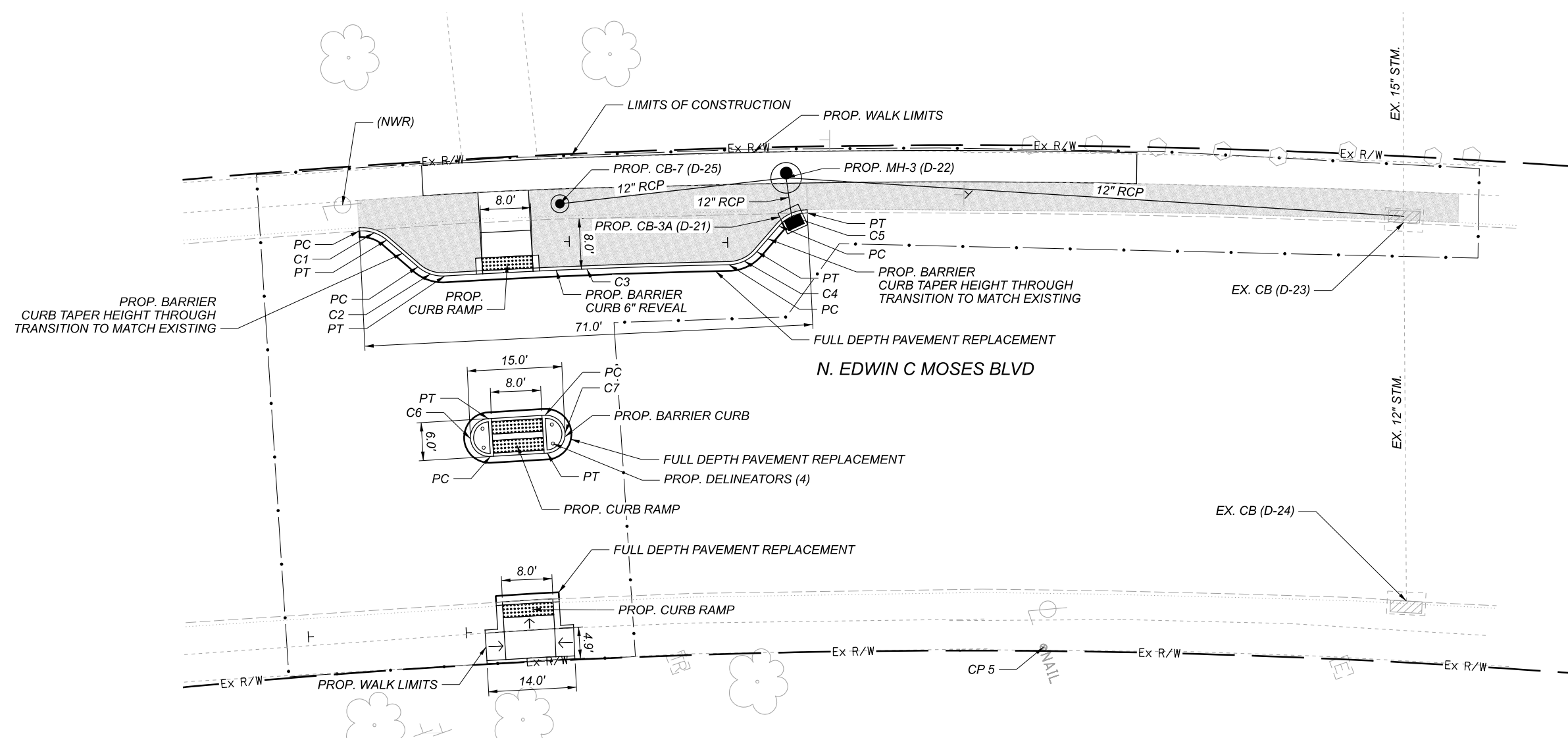
- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑨ ITEM 304 - AGGREGATE BASE, AS PER PLAN
- ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- ⑬ ITEM 608 - 6" CONCRETE WALK, AS PER PLAN
- ⑭ ITEM 659 - SEEDING AND MULCHING, AS PER PLAN

- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB

\* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM

\*\* - MATCH EXISTING GRADE

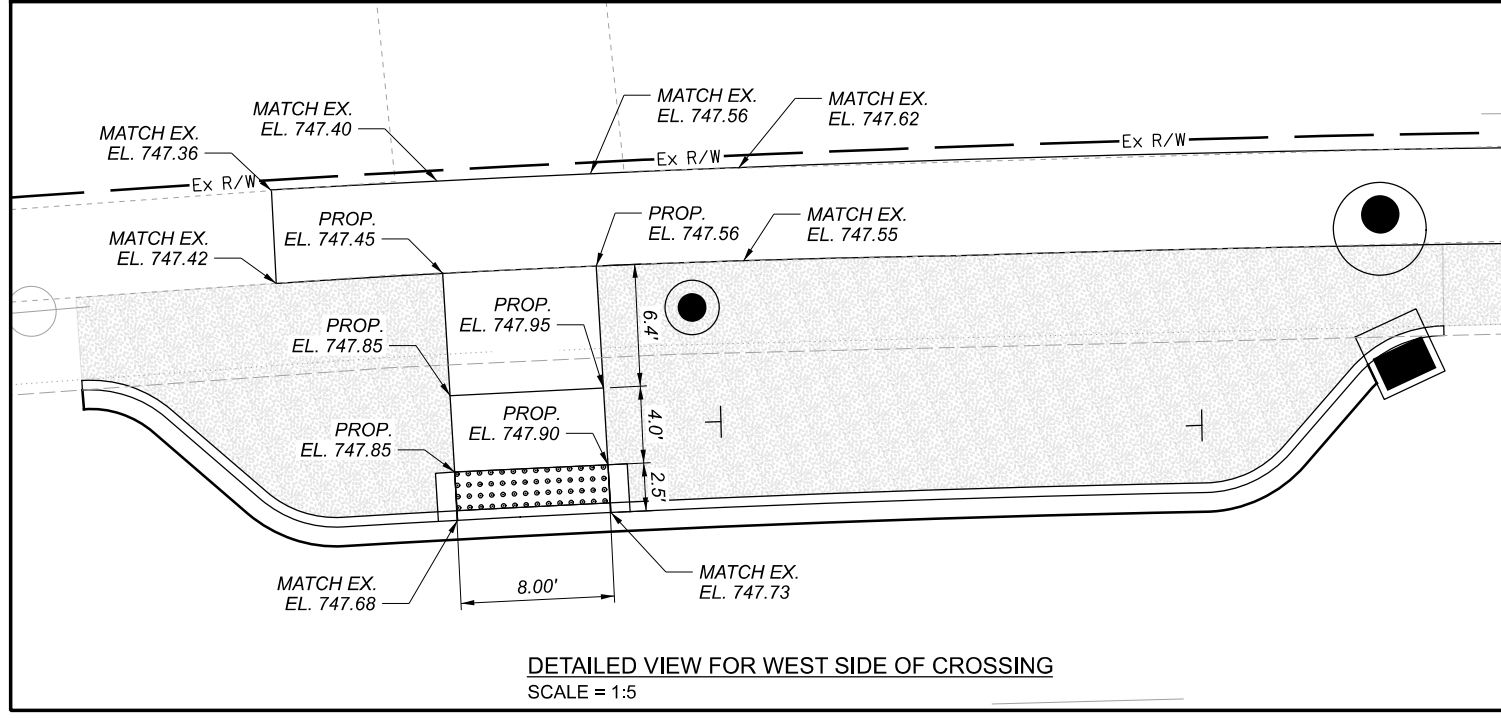
\*\*\* - GRADE TO GUTTER, MAX 2%



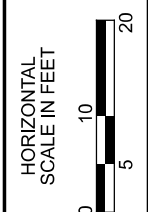
- D-21  
PROP. CB-3A  
RIM = 747.45  
INV 12" (W) = 744.20
- D-22  
PROP. MH-3  
RIM = MATCH EX.  
INV 12" (E, NE & SE) = 744.12
- D-23  
EX. CB  
RIM = 747.74  
EX. INV 15" (NW) = 743.94  
EX. INV 12" (SE) = 743.94  
INV 12" (SW) = 743.94
- D-24  
EX. CB  
RIM = 748.03  
EX. INV 12" (NW) = 745.03
- D-25  
PROP. CB-7  
RIM = 747.45  
INV 12" (NE) = 744.90

LEGEND:  
 SEEDING AND MULCHING

CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 5	645680.2230	1488825.7830	748.70
CP 6	645507.7800	1488775.4640	748.10



CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	645598.48	1488733.30	645600.08	1488727.51	645603.69	1488730.31
C2	6.00'	645612.13	1488732.99	645606.93	1488735.97	645610.47	1488738.75
C3	1128.62'	645298.13	1489823.29	-	-	-	-
C4	6.00'	645655.36	1488746.37	645653.47	1488752.07	645658.32	1488751.59
C5	6.00'	645665.93	1488754.17	645662.97	1488748.95	645667.89	1488748.49
C6	3.00'	645608.58	1488765.21	645609.41	1488762.33	645607.75	1488768.10
C7	3.00'	645617.23	1488767.71	645616.40	1488770.60	645618.06	1488764.83



PLAN  
 N. EDWIN C MOSES BLVD AT MCINTOSH PARK

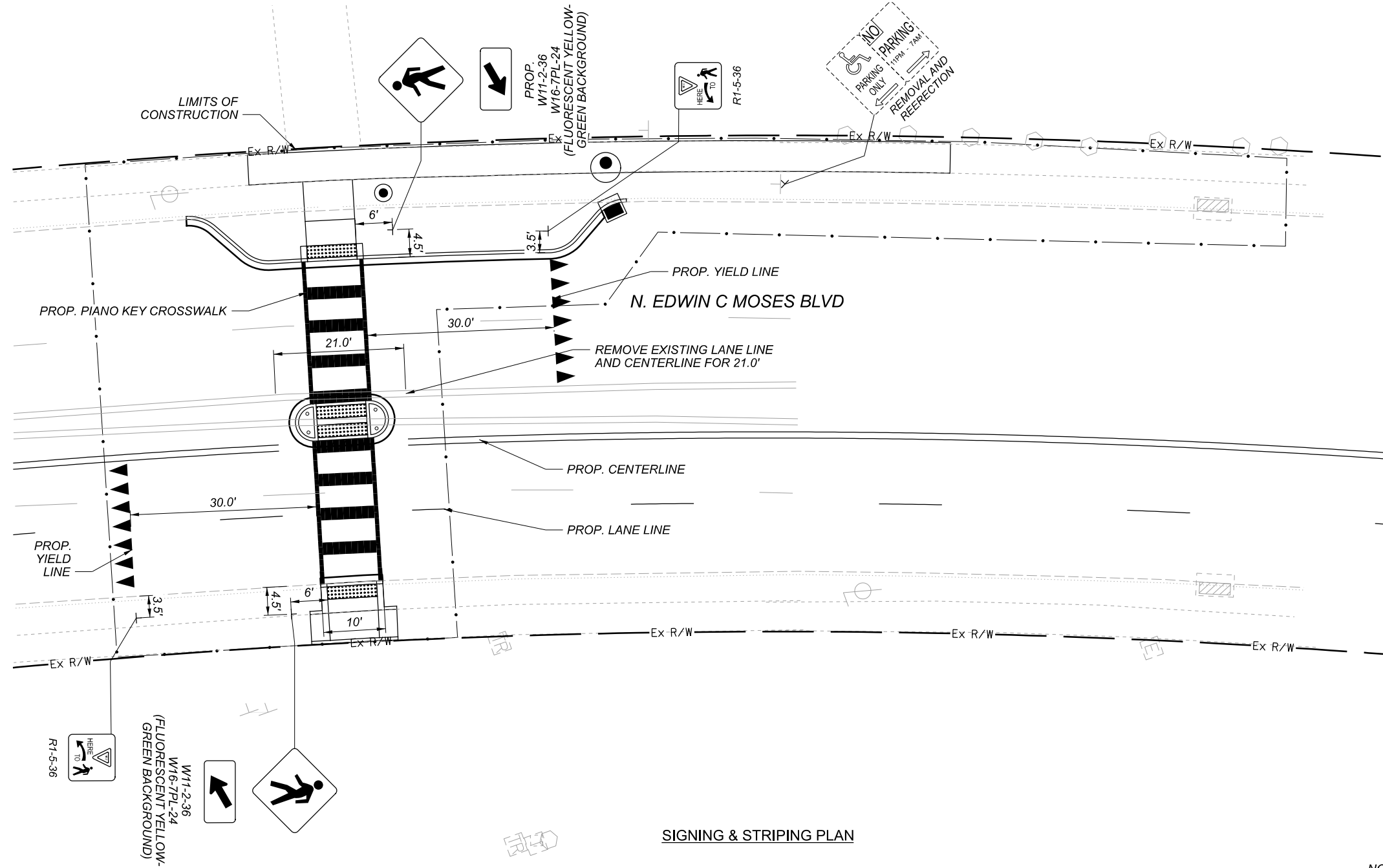
DESIGN AGENCY  
  
 2475 Sugar Grove Rd. SE  
 Lancaster, Ohio 43130  
 (740) 687-5542 Phone  
 www.zlwn.com

DESIGNER  
 KAZ

REVIEWER  
 DES 11/02/20

PROJECT ID  
 113274

SHEET TOTAL  
 P.16 36



SIGNALING & STRIPING PLAN

NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE SOUTHERN LANE LINE AND SOUTHERN CENTERLINE PER STRIPING PLAN.

ESTIMATED QUANTITIES																						
202	202	202	255	255	608	608	608	609	611	611	611	611	620	630	630	630	630	644	644	644	644	644
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	CURB REMOVED, AS PER PLAN	WALK REMOVED, AS PER PLAN	FULL DEPTH PAVEMENT SAWING	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)	4" CONCRETE WALK, AS PER PLAN	6" CONCRETE WALK, AS PER PLAN	CURB RAMP, AS PER PLAN	CURB, TYPE 6, AS PER PLAN	12" CONDUIT, TYPE B 706.02	CATCH BASIN, NO. 3A	CATCH BASIN, NO. 7	MANHOLE, NO. 3	DELINEATOR, POST SURFACE MOUNTED	SIGN, FLAT SHEET, AS PER PLAN	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	REMOVAL OF GROUND MOUNTED SIGN AND REELECTION, AS PER PLAN	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, AS PER PLAN	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	CROSSWALK LINE, AS PER PLAN	YIELD LINE, AS PER PLAN	CENTER LINE, AS PER PLAN	LANE LINE, 4", AS PER PLAN
SY	FT	SF	FT	SY	SF	SF	SF	FT	FT	EACH	EACH	EACH	EACH	SF	FT	EACH	EACH	FT	FT	FT	MILE	MILE
61	81	628	130	14	643	20	191	100	141	1	1	1	4	40	60	1	1	70	92	44	0.1	0.1
																						1082



SIGNALING AND STRIPING PLAN  
 N. EDWIN C MOSES BLVD AT MCINTOSH PARK

DESIGN AGENCY  
**ZLMN**  
 2475 Sugar Grove Rd. SE  
 Loveland, Ohio 43130  
 (740) 687-5542 Phone  
 www.zlwn.com

DESIGNER  
**KAZ**

REVIEWER  
 DES 11/02/20

PROJECT ID  
 113274

SHEET TOTAL  
 P.16a 36



**NOTES:**

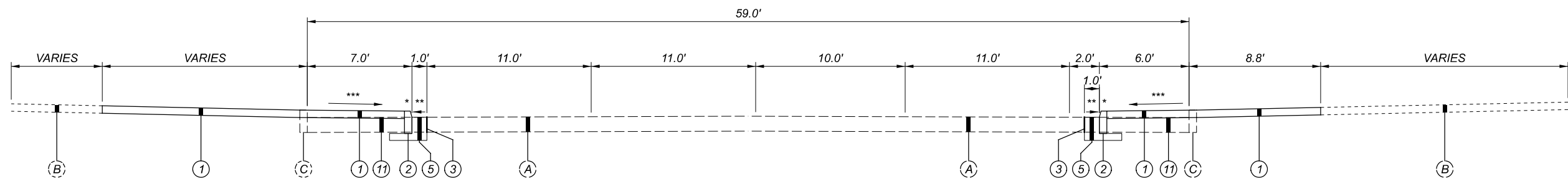
1. SEE SIGNING AND STRIPING PLAN FOR PAVEMENT MARKINGS AROUND THE CROSSWALK AREA.



STRIPING PLAN  
 N. EDWIN C MOSES BLVD AT MCINTOSH PARK

DESIGN AGENCY  
**ZLMN**  
 2475 Sugar Grove Rd. SE  
 Marietta, Ohio 43130  
 (740) 687-5542 Phone  
 www.zlwn.com

DESIGNER	KAZ
REVIEWER	
DES	11/02/20
PROJECT ID	113274
SHEET	TOTAL
P.17	36



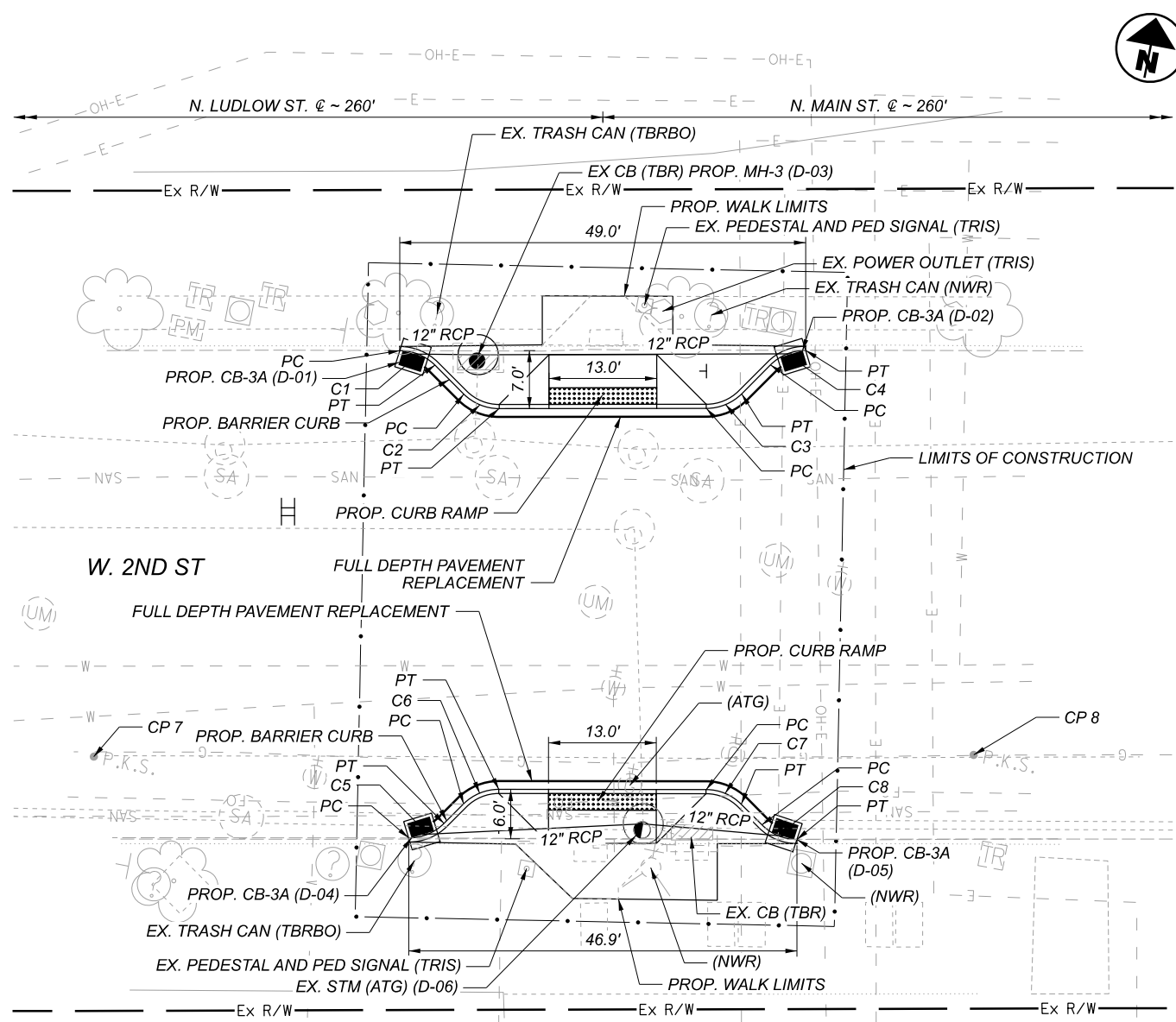
TYPICAL SECTION  
(NOT TO SCALE)

NOTES:

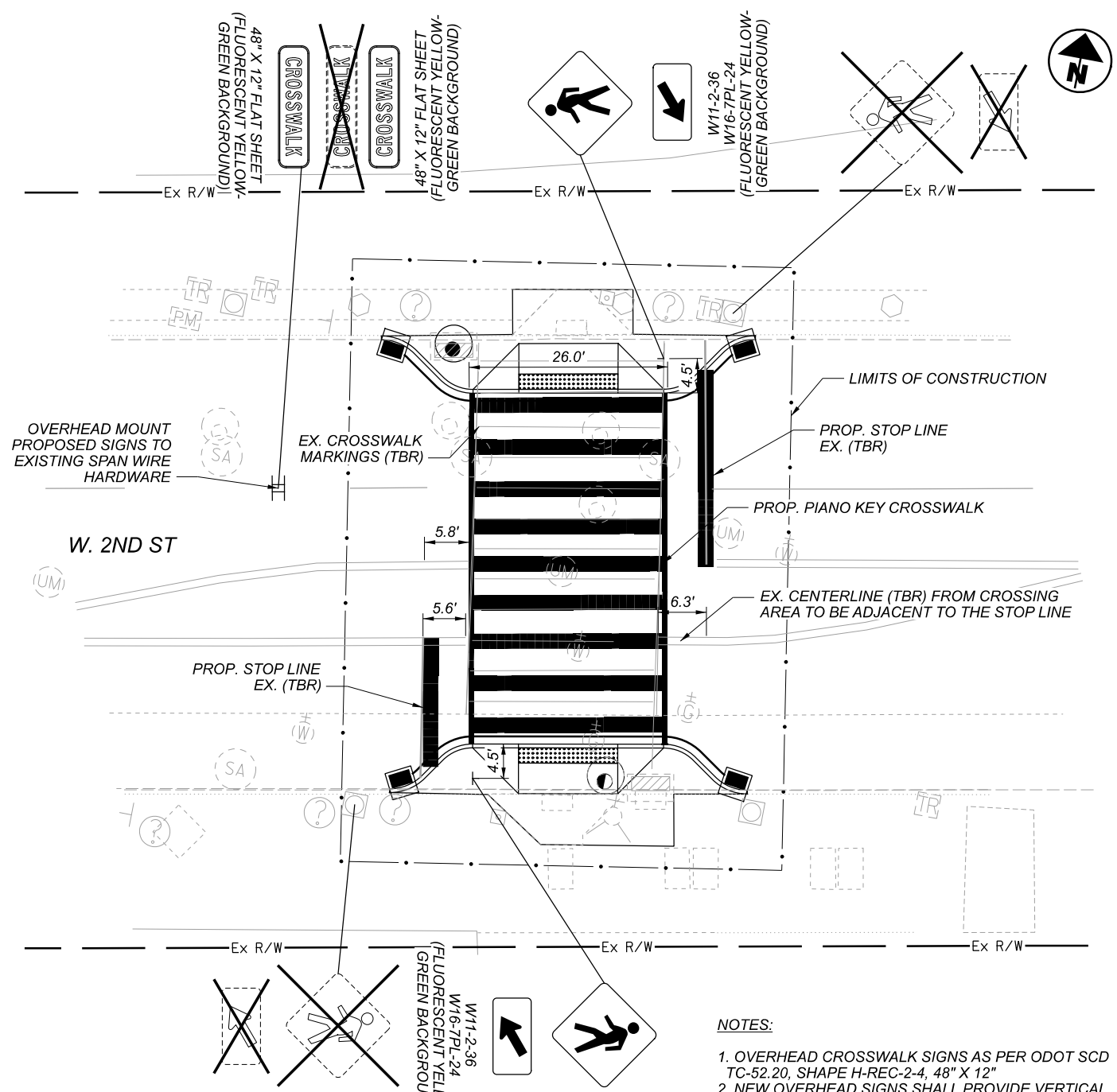
1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.
2. THE CONTRACTOR SHALL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER THE DETAILS ON SHEET P.05.

ITEM LEGEND

- (1) ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- (2) ITEM 609 - CURB, TYPE 6, AS PER PLAN
- (3) ITEM 255 - FULL DEPTH PAVEMENT SAWING
- (5) ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1
- (1) ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB
- \* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM
- \*\* - MATCH EXISTING GRADE
- \*\*\* - GRADE TO GUTTER, MAX 2%



- D-01  
PROP. CB-3A  
RIM = 740.88  
INV 12" (E) = 738.20
- D-02  
PROP. CB-3A  
RIM = 740.97  
INV 12" (W) = 738.46
- D-03  
EX. CB (TBR)  
EX. INV 12" (S) = 738.31  
PROP. MH-3  
RIM = 740.81  
INV 12" (E, W & S) = 738.31
- D-04  
PROP. CB-3A  
RIM = 740.83  
INV 12" (E) = 737.24
- D-05  
PROP. CB-3A  
RIM = 740.72  
INV 12" (W) = 737.20
- D-06  
EX. MH (ATG)  
RIM = 741.07  
EX. INV 18" (N) = 737.11  
EX. INV 12" (E&W) = 737.11  
INV 12" (E&W) = 737.11



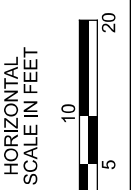
SIGNING & STRIPING PLAN

- NOTES:
- OVERHEAD CROSSWALK SIGNS AS PER ODOT SCD TC-52.20, SHAPE H-REC-2-4, 48" X 12"
  - NEW OVERHEAD SIGNS SHALL PROVIDE VERTICAL CLEARANCE EQUAL TO OR GREATER THAN EXISTING.

CURVE LAYOUT DATA							
CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	645809.16	1492522.55	645815.05	1492521.41	645814.12	1492525.92
C2	6.00'	645816.32	1492533.37	645811.35	1492530.00	645810.43	1492534.51
C3	6.00'	645821.07	1492557.94	645815.18	1492559.08	645817.71	1492562.91
C4	6.00'	645818.43	1492570.64	645821.80	1492565.68	645824.32	1492569.51
C5	6.00'	645763.38	1492532.46	645757.48	1492533.57	645760.00	1492537.42
C6	6.00'	645759.39	1492544.26	645762.76	1492539.30	645765.28	1492543.13
C7	6.00'	645764.08	1492568.84	645769.98	1492567.72	645769.05	1492572.21
C8	6.00'	645772.03	1492578.50	645767.07	1492575.13	645766.14	1492579.61

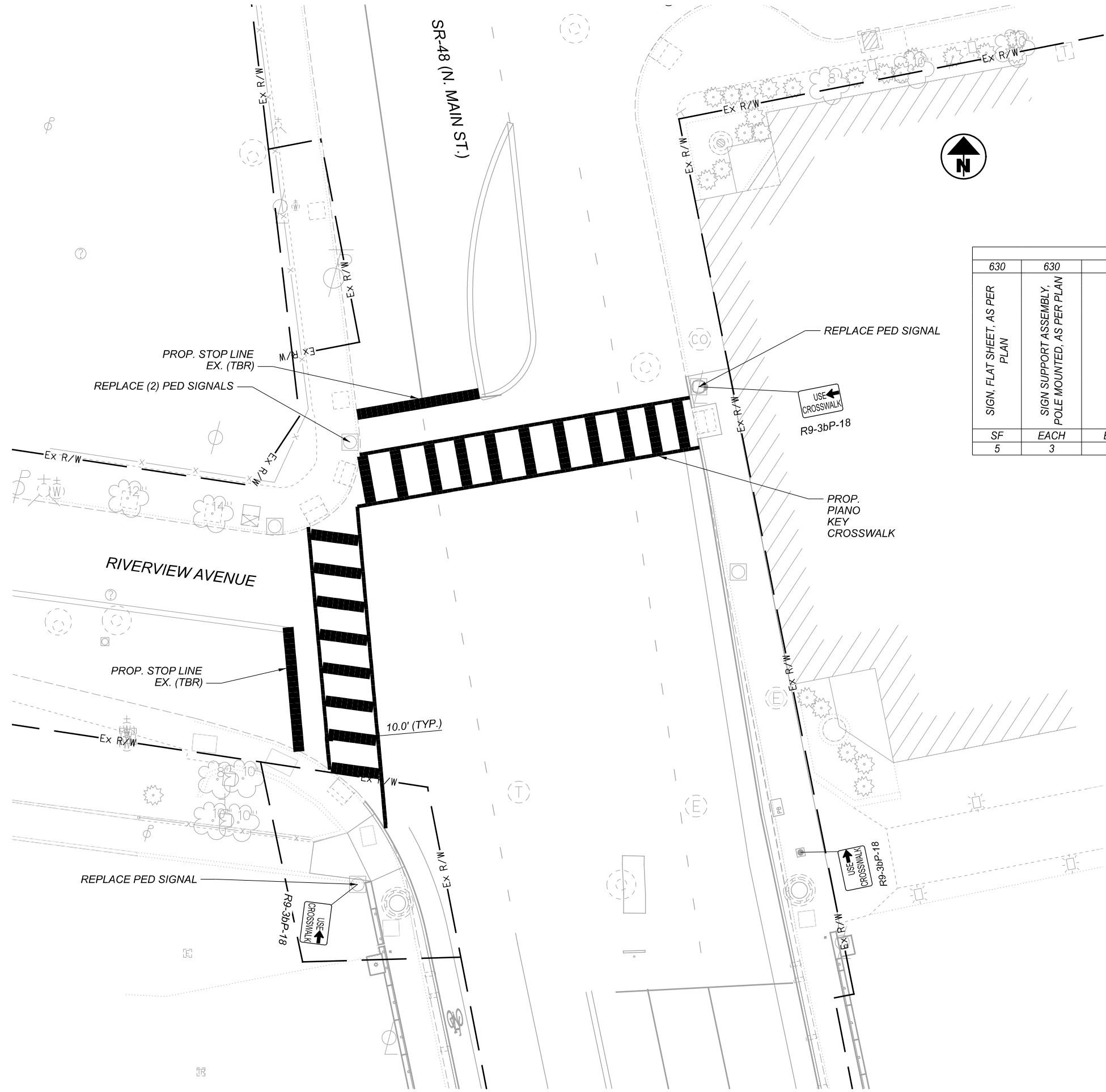
CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 7	645759.9490	1492494.4080	741.22
CP 8	645780.1850	1492598.6400	741.17

ESTIMATED QUANTITIES																					
202	202	202	202	255	255	608	608	609	611	611	611	611	630	630	630	630	646	644	644	644	
PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)	CURB REMOVED, AS PER PLAN	WALK REMOVED, AS PER PLAN	CATCH BASIN REMOVED, AS PER PLAN	FULL DEPTH PAVEMENT SAWING	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1	4" CONCRETE WALK, AS PER PLAN	CURB RAMP, AS PER PLAN	CURB, TYPE 6, AS PER PLAN	12" CONDUIT, TYPE B 706.02	CATCH BASIN, NO. 3A	MANHOLE, NO. 3	MANHOLE ADJUSTED TO GRADE	SIGN, FLAT SHEET, AS PER PLAN	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	REMOVAL OVERHEAD MOUNTED SIGN AND DISPOSAL, AS PER PLAN	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, AS PER PLAN	STOP LINE, AS PER PLAN	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	CROSSWALK LINE, AS PER PLAN	REMOVAL OF PAVEMENT MARKING	
SY	FT	SF	EACH	FT	SY	SF	SF	FT	FT	EACH	EACH	EACH	SF	FT	EACH	EACH	FT	FT	FT	FT	
53	96	235	2	96	11	483	253	55	90	4	1	1	30	33	1	4	43	222	92	445	

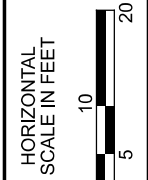


PLAN  
W. 2ND ST. MIDBLOCK





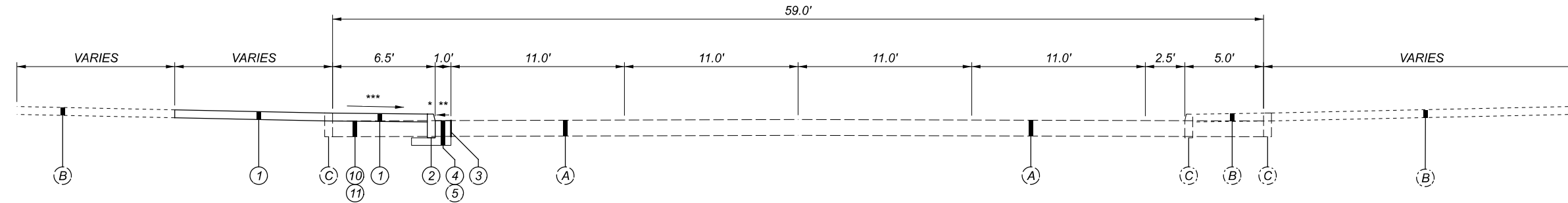
ESTIMATED QUANTITIES							
630	630	632	632	646	644	644	644
SIGN, FLAT SHEET, AS PER PLAN	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN SIGNAL HEAD	STOP LINE, AS PER PLAN	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	CROSSWALK LINE, AS PER PLAN	REMOVAL OF PAVEMENT MARKING
SF	EACH	EACH	EACH	FT	FT	FT	FT
5	3	4	4	46	165	231	277



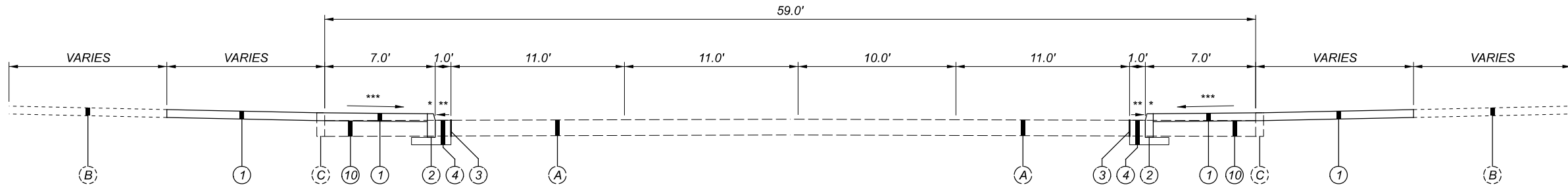
PLAN  
 W. RIVERVIEW AVE. AND N. MAIN ST.

DESIGN AGENCY  
**ZLMN**  
 2475 Sugar Grove Rd. SF  
 Lancaster, Ohio 43130  
 (740) 687-5542 Phone  
 www.zlwn.com

DESIGNER  
**KAZ**  
 REVIEWER  
 DES 11/02/20  
 PROJECT ID  
 113274  
 SHEET TOTAL  
 P.20 36



TYPICAL SECTION W.2ND - E  
(NOT TO SCALE)



TYPICAL SECTION W.2ND - W  
(NOT TO SCALE)

**NOTES:**

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.

2. THE CONTRACTOR WILL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS ON SHEET P.05.

**ITEM LEGEND**

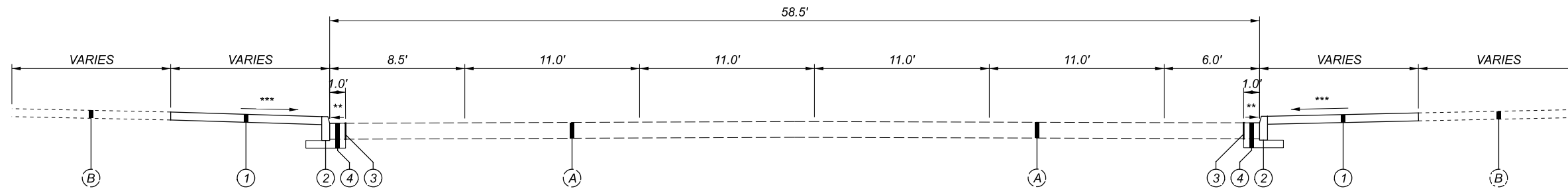
- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑤ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1
- ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- ⑪ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)

- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB

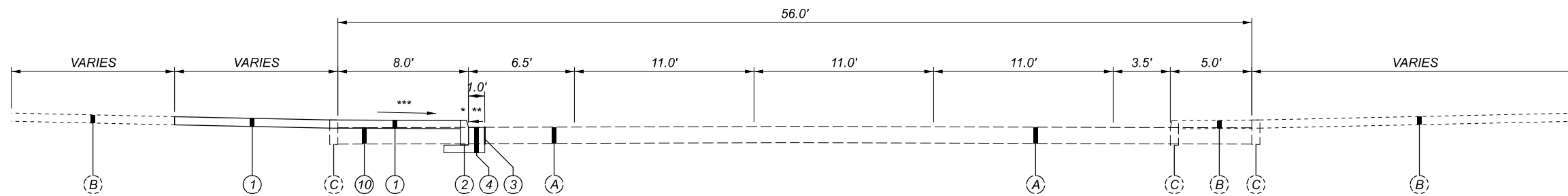
\* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM

\*\* - MATCH EXISTING GRADE

\*\*\* - GRADE TO GUTTER, MAX 2%



TYPICAL SECTION LUDLOW - N  
(NOT TO SCALE)



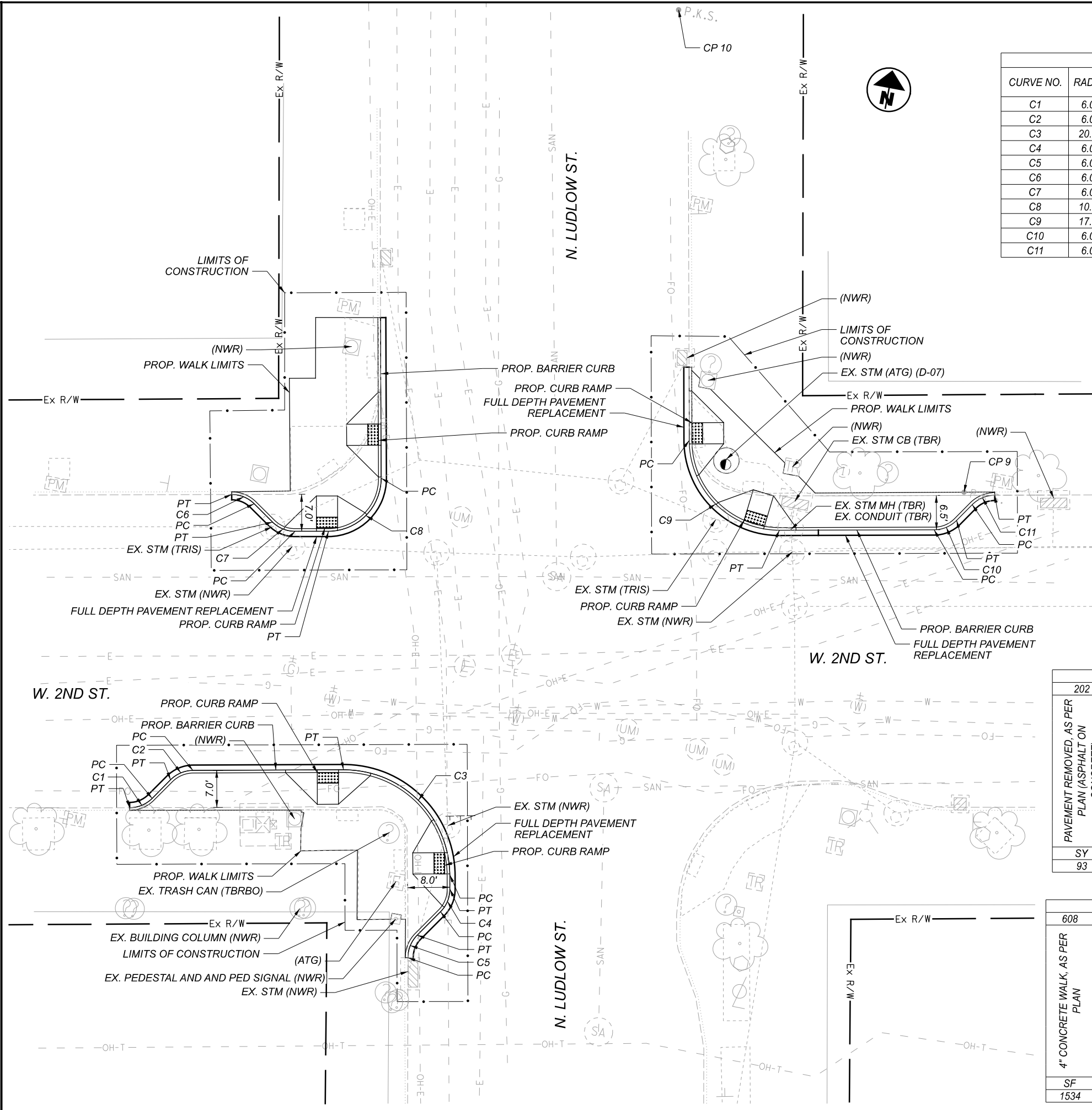
TYPICAL SECTION LUDLOW - S  
(NOT TO SCALE)

**NOTES:**

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.
2. THE CONTRACTOR WILL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS ON SHEET P.05.

**ITEM LEGEND**

- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB
- \* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM
- \*\* - MATCH EXISTING GRADE
- \*\*\* - GRADE TO GUTTER, MAX 2%



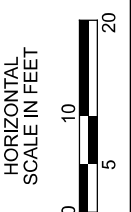
CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	645705.05	1492227.13	645701.68	1492232.10	645669.16	1492228.27
C2	6.00'	645702.41	1492239.84	645708.30	1492238.71	645705.78	1492234.88
C3	20.00'	645694.05	1492270.42	645697.88	1492290.05	645713.69	1492266.63
C4	6.00'	645694.11	1492284.67	645690.73	1492289.63	645695.26	1492290.56
C5	6.00'	645692.19	1492291.07	645681.04	1492285.18	645685.57	1492286.11
C6	6.00'	645755.01	1492237.37	645759.97	1492240.73	645760.90	1492236.24
C7	6.00'	645762.17	1492248.18	645756.28	1492249.31	645757.21	1492244.81
C8	10.00'	645767.28	1492253.60	645769.17	1492263.42	645757.46	1492255.48
C9	17.00'	645790.13	1492335.99	645786.95	1492319.29	645773.44	1492339.19
C10	6.00'	645784.82	1492366.76	645778.93	1492367.89	645781.46	1492371.73
C11	6.00'	645781.58	1492379.05	645784.94	1492374.09	645787.47	1492377.93

CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 9	645786.9720	1492372.1190	741.03
CP 10	645866.5490	1492302.2530	740.67

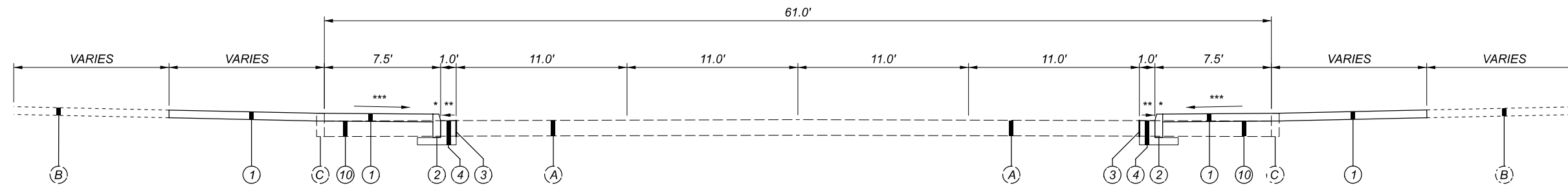
D-07  
 EX. MH (ATG)  
 RIM = 740.99

ESTIMATED QUANTITIES										
	202	202	202	202	202	202	202	255	255	255
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)										
PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)										
CURB REMOVED, AS PER PLAN										
WALK REMOVED, AS PER PLAN										
MANHOLE REMOVED, AS PER PLAN										
CATCH BASIN REMOVED, AS PER PLAN										
PIPE REMOVED, 24" AND UNDER, AS PER PLAN										
FULL DEPTH PAVEMENT SAWING										
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1										
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)										
SY	93	20	209	901	1	1	20	254	4	24

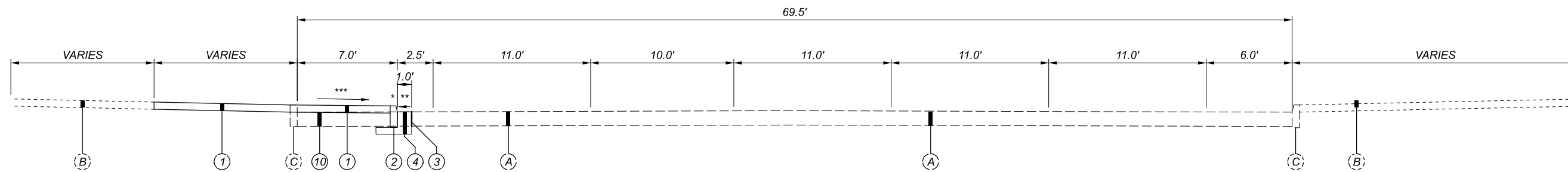
ESTIMATED QUANTITIES											
	608	608	609	611	625	630	644	644	644	644	644
4" CONCRETE WALK, AS PER PLAN											
CURB RAMP, AS PER PLAN											
CURB, TYPE 6, AS PER PLAN											
MANHOLE ADJUSTED TO GRADE											
PULL BOX, MISC.: ADJUSTED TO GRADE											
REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL, AS PER PLAN											
PAVEMENT MARKING, MISC.: PIANO KEYS, 24"											
STOP LINE, AS PER PLAN											
CROSSWALK LINE, AS PER PLAN											
CHANNELIZING LINE, 8", AS PER PLAN											
REMOVAL OF PAVEMENT MARKING											
REMOVAL OF PAVEMENT MARKING											
SF	1534	418	144	1	1	2	523	106	411	40	578



PLAN  
 W. 2ND ST. AND N. LUDLOW ST.



TYPICAL SECTION W.3RD - E  
(NOT TO SCALE)



TYPICAL SECTION W.3RD - W  
(NOT TO SCALE)

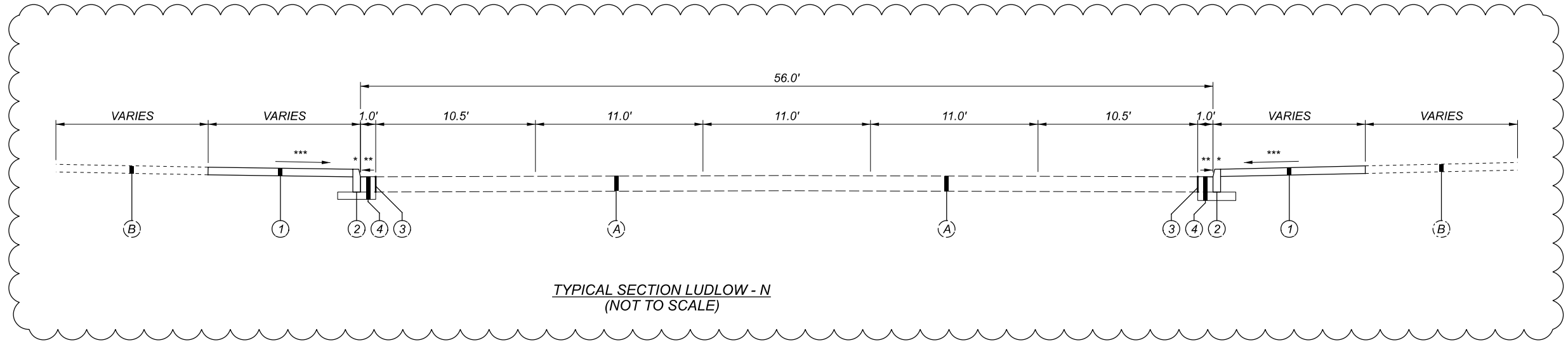
**NOTES:**

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.

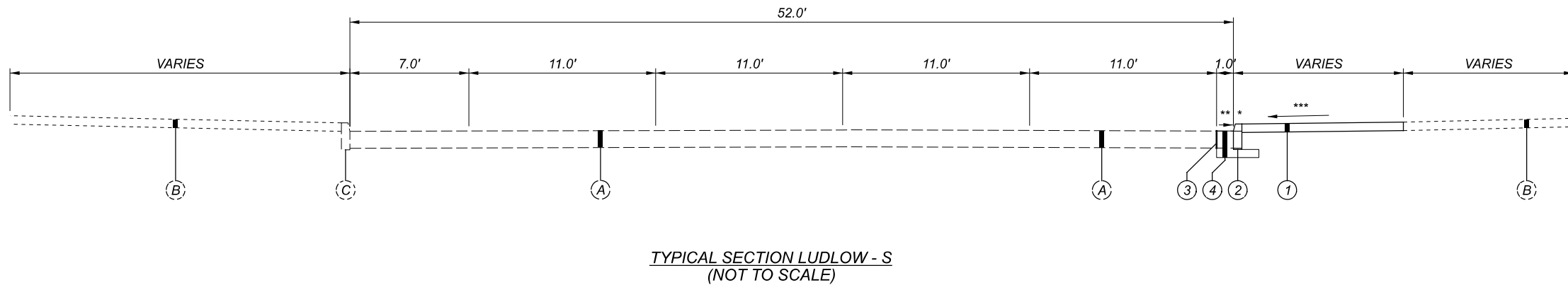
2. THE CONTRACTOR WILL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS ON SHEET P.05.

**ITEM LEGEND**

- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB
- \* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM
- \*\* - MATCH EXISTING GRADE
- \*\*\* - GRADE TO GUTTER, MAX 2%



TYPICAL SECTION LUDLOW - N  
(NOT TO SCALE)



TYPICAL SECTION LUDLOW - S  
(NOT TO SCALE)

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.

2. THE CONTRACTOR WILL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS ON SHEET P.05.

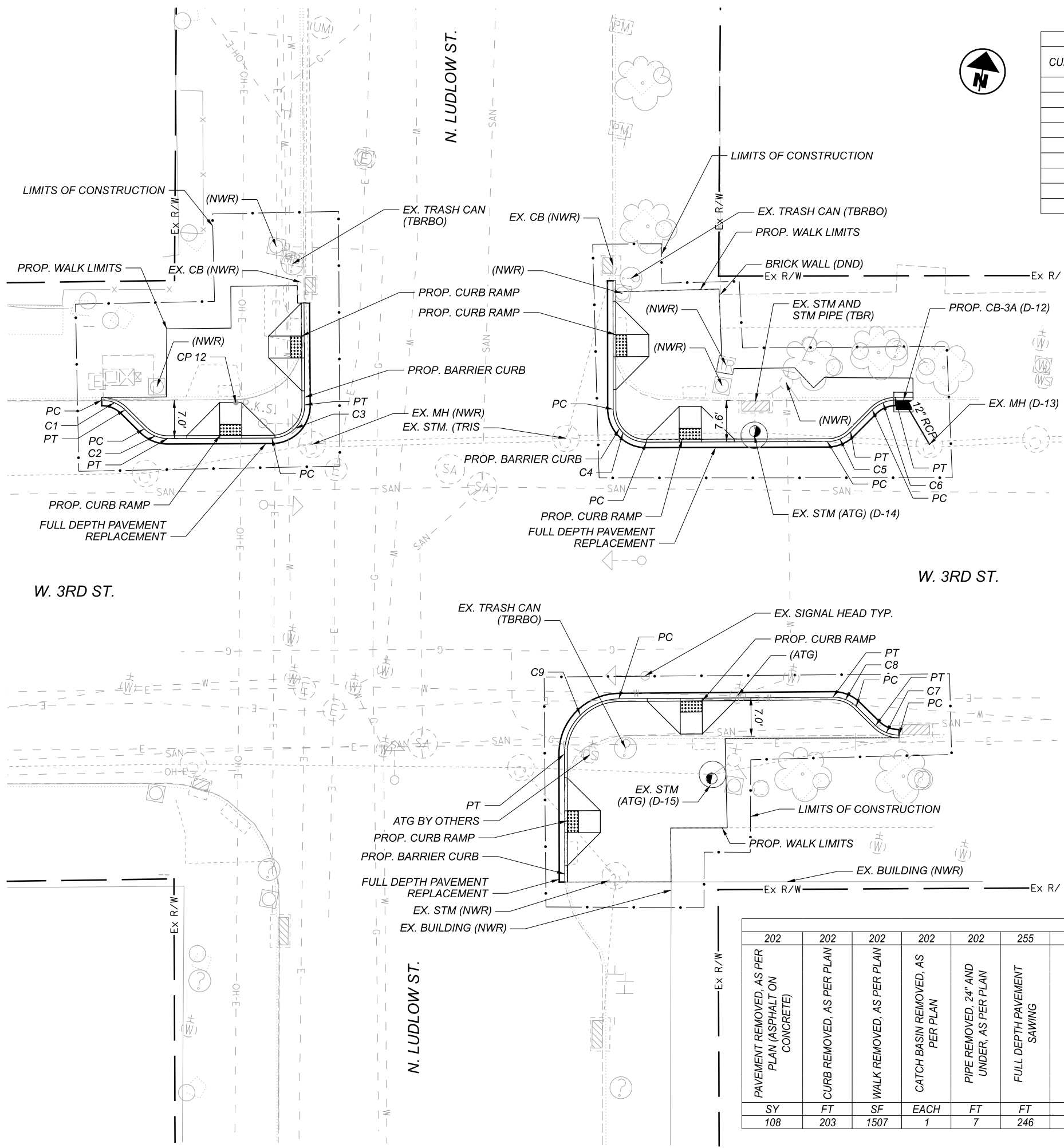
ITEM LEGEND

- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB

\* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM

\*\* - MATCH EXISTING GRADE

\*\*\* - GRADE TO GUTTER, MAX 2%

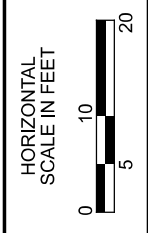


CURVE NO.	RADIUS	CURVE LAYOUT DATA					
		CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	645229.72	1492337.41	645235.61	1492336.29	645234.68	1492340.78
C2	6.00'	645236.86	1492348.24	645231.90	1492344.86	645230.97	1492349.36
C3	6.00'	645240.40	1492366.86	645234.51	1492367.98	645241.54	1492372.75
C4	6.00'	645252.12	1492433.98	645251.01	1492428.09	645246.22	1492435.10
C5	6.00'	645258.26	1492466.33	645252.37	1492467.45	645254.89	1492471.29
C6	6.00'	645256.17	1492479.42	645259.54	1492474.46	645262.06	1492478.30
C7	6.00'	645208.15	1492488.89	645202.26	1492490.04	645203.17	1492485.54
C8	6.00'	645200.95	1492478.10	645205.93	1492481.45	645206.84	1492476.95
C9	10.00'	645189.57	1492440.65	645199.39	1492438.74	645187.72	1492430.82

CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 11	645361.0750	1492360.1970	740.76
CP 12	645239.6800	1492360.3530	740.18

- D-12  
PROP. CB-3A  
RIM = 739.96  
INV 12" (SE) = 736.90
- D-13  
EX. MH  
RIM = 740.27  
EX. INV 12" (E & W) = 736.87  
INV 12" (NW) = 736.87
- D-14  
EX. MH (ATG)  
RIM = 740.59
- D-15  
EX. MH (ATG)  
RIM = 740.58

ESTIMATED QUANTITIES																	
202	202	202	202	202	255	255	608	608	609	611	611	611	638	644	644	644	644
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	CURB REMOVED, AS PER PLAN	WALK REMOVED, AS PER PLAN	CATCH BASIN REMOVED, AS PER PLAN	PIPE REMOVED, 24" AND UNDER, AS PER PLAN	FULL DEPTH PAVEMENT SAWING	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)	4" CONCRETE WALK, AS PER PLAN	CURB RAMP, AS PER PLAN	CURB, TYPE 6, AS PER PLAN	12" CONDUIT, TYPE B 706.02	CATCH BASIN, NO. 3A	MANHOLE ADJUSTED TO GRADE	VALVE BOX ADJUSTED TO GRADE	STOP LINE, AS PER PLAN	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	CROSSWALK LINE, AS PER PLAN	REMOVAL OF PAVEMENT MARKING
SY	FT	SF	EACH	FT	FT	SY	SF	SF	FT	FT	EACH	EACH	EACH	FT	FT	FT	FT
108	203	1507	1	7	246	27	2101	408	139	10	1	1	1	117	547	436	575



PLAN  
 W. 3RD ST. AND N. LUDLOW ST.

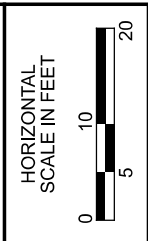
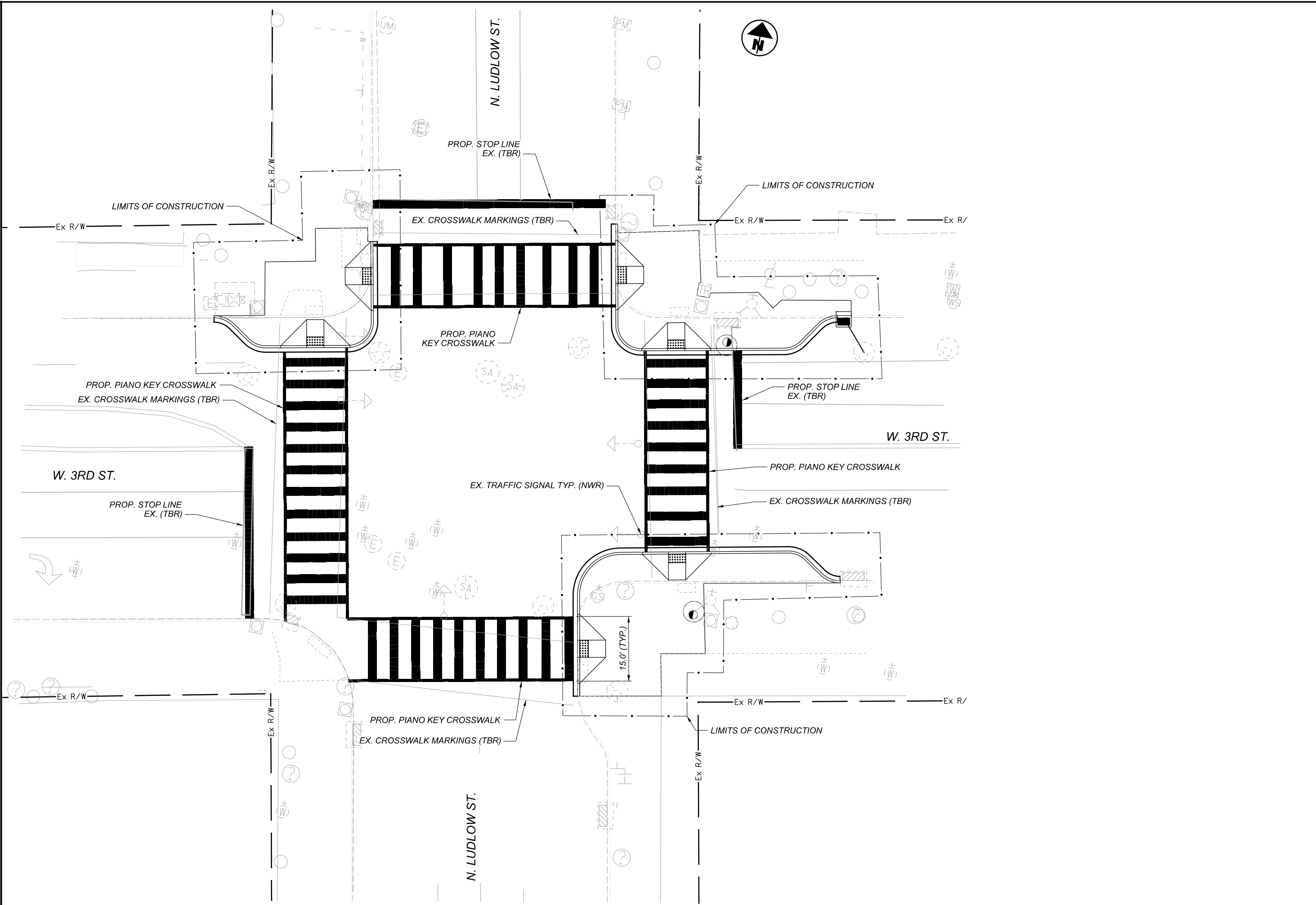
DESIGN AGENCY  
**ZLMN**  
 2475 Sugar Grove Rd. SE  
 Lancaster, Ohio 43130  
 (740) 687-5542 Phone  
 www.zlwn.com

DESIGNER  
**KAZ**

REVIEWER  
 DES 11/02/20

PROJECT ID  
 113274

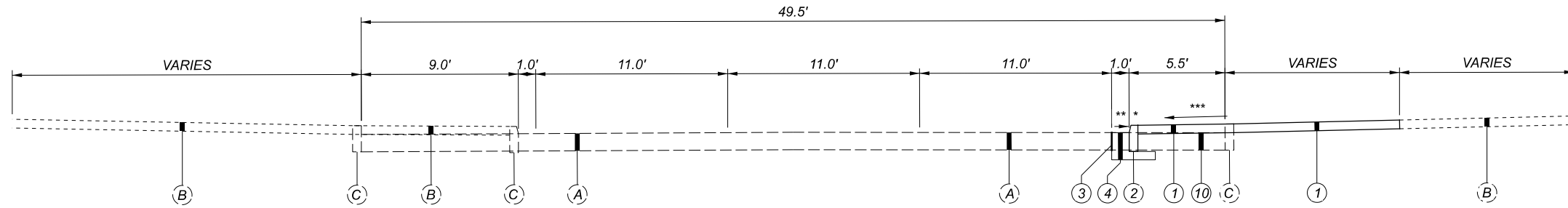
SHEET TOTAL  
 P.27 36



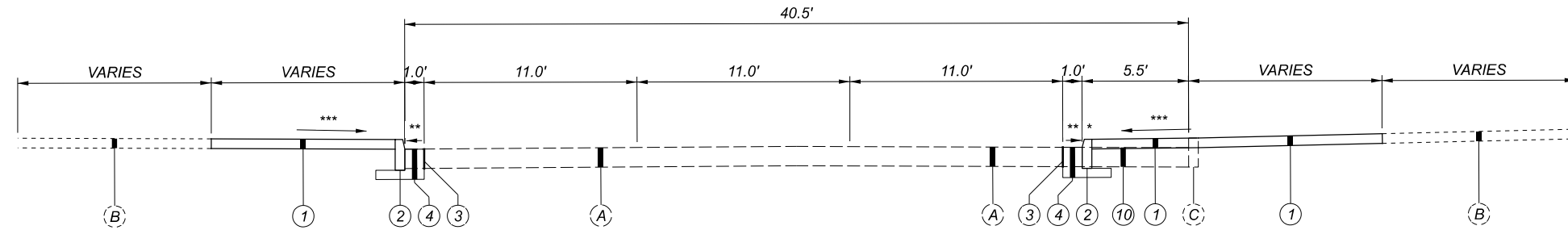
SIGNING AND STRIPING PLAN  
 W. 3RD ST. AND N. LUDLOW ST.

DESIGN AGENCY	
<b>ZLMN</b> 2475 Sugar Grove Rd. SE Lancaster, Ohio 43130 (740) 687-5542 Phone www.zlwn.com	
DESIGNER	KAZ
REVIEWER	DES 11/02/20
PROJECT ID	113274
SHEET	TOTAL
P.28	36





TYPICAL SECTION W.4TH - E  
(NOT TO SCALE)



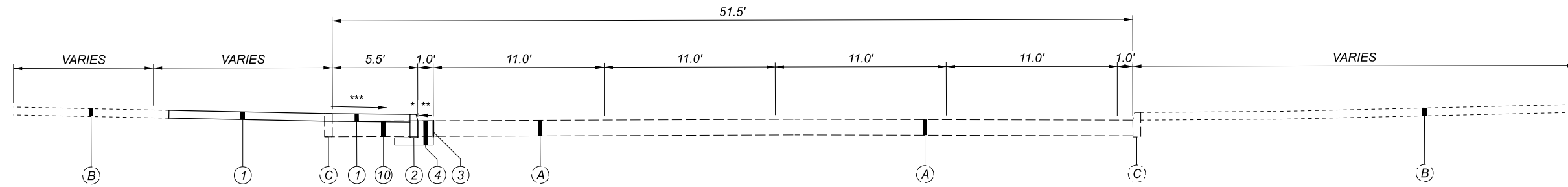
TYPICAL SECTION W.4TH - W  
(NOT TO SCALE)

**NOTES:**

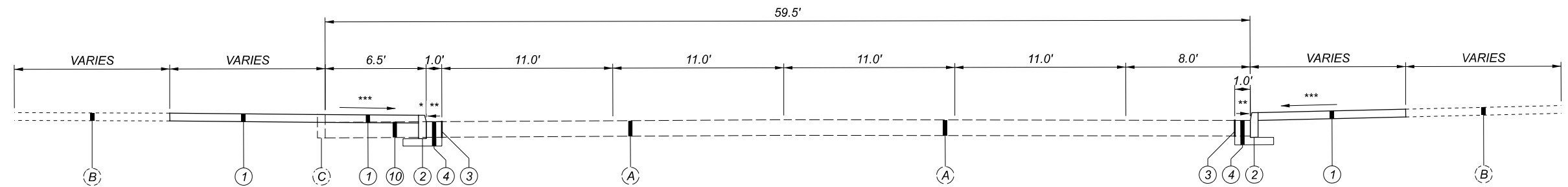
1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.
2. THE CONTRACTOR WILL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS ON SHEET P.05.

**ITEM LEGEND**

- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
  - ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
  - ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
  - ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
  - ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
  - (A) EXISTING PAVEMENT BUILD UP
  - (B) EXISTING WALK
  - (C) EXISTING CURB
- \* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM  
 \*\* - MATCH EXISTING GRADE  
 \*\*\* - GRADE TO GUTTER, MAX 2%



TYPICAL SECTION LUDLOW - N  
(NOT TO SCALE)



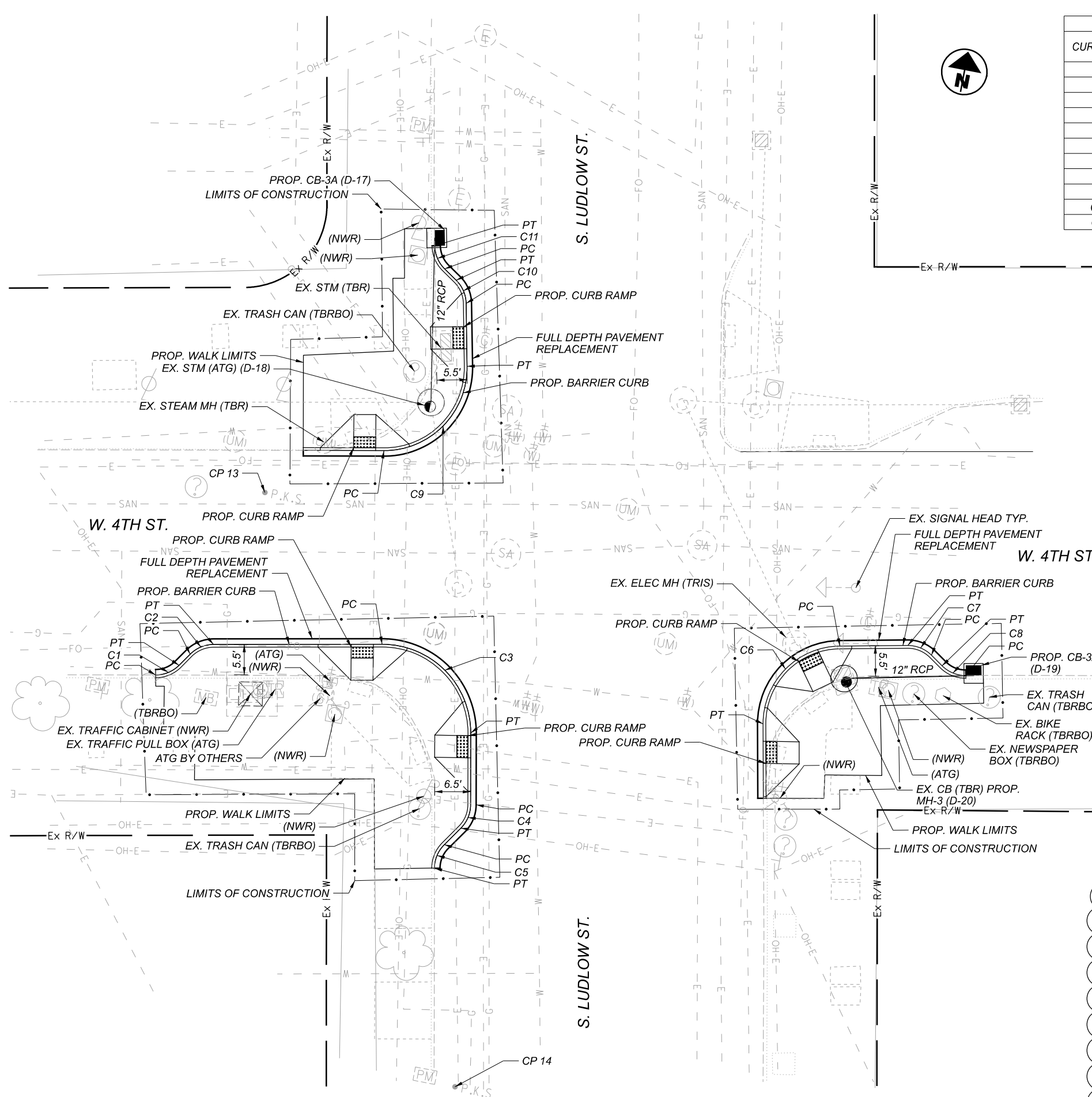
TYPICAL SECTION LUDLOW - S  
(NOT TO SCALE)

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.
2. THE CONTRACTOR WILL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS ON SHEET P.05.

ITEM LEGEND

- ① ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ② ITEM 609 - CURB, TYPE 6, AS PER PLAN
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑩ ITEM 202 - PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB
- \* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM
- \*\* - MATCH EXISTING GRADE
- \*\*\* - GRADE TO GUTTER, MAX 2%



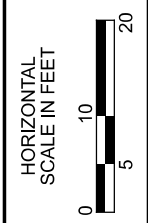
CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	644670.34	1492425.42	644664.44	1492426.55	644666.97	1492430.38
C2	6.00'	644665.93	1492436.93	644669.30	1492431.97	644671.82	1492435.80
C3	16.00'	644661.87	1492468.75	644677.58	1492465.73	644664.84	1492484.47
C4	6.00'	644650.97	1492480.99	644652.09	1492486.89	644647.59	1492485.95
C5	6.00'	644640.72	1492488.52	644644.11	1492483.57	644639.61	1492482.63
C6	14.00'	644679.06	1492549.84	644692.79	1492547.10	644676.37	1492536.10
C7	6.00'	644689.31	1492560.32	644694.28	1492563.68	644695.19	1492559.15
C8	6.00'	644697.72	1492569.29	644691.84	1492570.46	644692.76	1492565.93
C9	15.00'	644726.76	1492456.70	644712.02	1492459.48	644729.80	1492471.39
C10	6.00'	644739.73	1492463.21	644740.94	1492469.08	644744.72	1492466.54
C11	6.00'	644751.33	1492467.45	644746.34	1492464.11	644750.12	1492461.57

CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 13	644700.5540	1492439.7620	739.81
CP 14	644601.4880	1492493.6870	738.97

- D-17  
PROP. CB-3A  
RIM = 739.57  
INV 12" (S) = 735.62
- D-18  
EX. MH (ATG)  
RIM = 739.79
- D-19  
PROP. CB-3A  
RIM = 738.97  
INV 12" (W) = 736.16
- D-20  
EX. CB (TBR)  
EX. INV 12" (NW) = 736.04  
PROP. MH-3  
RIM = 739.24  
INV 12" (NW & E) = 736.04

ESTIMATED QUANTITIES											
202	202	202	202	202	202	255	255	608	608		
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	CURB REMOVED, AS PER PLAN	WALK REMOVED, AS PER PLAN	MANHOLE REMOVED, AS PER PLAN	CATCH BASIN REMOVED, AS PER PLAN	PIPE REMOVED, 24" AND UNDER, AS PER PLAN	FULL DEPTH PAVEMENT SAWING	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)	4" CONCRETE WALK, AS PER PLAN	CURB RAMP, AS PER PLAN		
SY	FT	SF	EACH	EACH	FT	FT	SY	SF	SF		
104	187	1795	1	2	10	228	25	2353	415		

ESTIMATED QUANTITIES											
609	611	611	611	611	625	638	644	644	644	644	644
CURB, TYPE 6, AS PER PLAN	12" CONDUIT, TYPE B 706.02	CATCH BASIN, NO. 3A	MANHOLE, NO. 3	MANHOLE ADJUSTED TO GRADE	PULL BOX, MISC.: ADJUSTED TO GRADE	VALVE BOX ADJUSTED TO GRADE	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	STOP LINE, AS PER PLAN	CHANNELIZING LINE, 8" PER PLAN	CROSSWALK LINE, AS PER PLAN	REMOVAL OF PAVEMENT MARKING
FT	FT	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT
119	54	2	1	1	2	1	439	83	15	346	422



PLAN  
W. 4TH ST. AND N. LUDLOW ST.

DESIGN AGENCY  
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DESIGNER  
**KAZ**

REVIEWER  
**DES 11/02/20**

PROJECT ID  
**113274**

SHEET TOTAL  
**P.31 36**

