

MOT-DAYTON-PSIP-FY2021

DESIGN AGENCY
2LMN
 2475 Sugar Grove Rd., SE
 Lancaster, Ohio 43130
 (740) 687-5542 Phone
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DESIGNER
KAZ

REVIEWER

DATES 11/02/20

PROJECT ID
113274

SHEET	TOTAL
P.01	36



SITE #	LOCATION
1	BROWN ST AND JASPER ST
2	MIDBLOCK THIRD STREET BUMP OUT
3	US ROUTE 35 AND ABBEY AVE
4	PATTERSON BLVD & MONUMENT AVE
5	EDWIN MOSES AT MCINTOSH PARK
6	MIDBLOCK SECOND STREET BUMP OUT
7	WEST RIVERVIEW AVE AND N MAIN ST
8	SOUTH MAINT ST & APPLE ST
9	THIRD ST & WILLIAMS
10	THIRD ST & BROADWAY
11	GETTYSBURG AVE & FREE PIKE
12	EDWIN C MOSES & STEWART ST
13	BROWN ST & IRVING AVE
14	PATTERSON & STEWART ST.
15	MONUMENT & LUDLOW

SITE #	LOCATION
16	MONUMENT & MAIN
17	MONUMENT & ST. CLAIR
19	FIRST & LUDLOW
20	FIRST & JEFFERSON
21	SECOND & PATTERSON
22	THIRD & COUNTY GARAGE
23	THIRD & PERRY
24	THIRD & WILKINSON
25	THIRD & ST. CLAIR
26	THIRD & PATTERSON
27	THIRD & WAYNE
28	THIRD & MADISON
29	THIRD & WEBSTER
30	FOURTH & PERRY
31	FIFTH & WILKINSON

SITE #	LOCATION
32	FIFTH & JEFFERSON
33	SECOND AND LUDLOW BUMP OUTS
34	THIRD AND LUDLOW BUMP OUTS
35	SMITHVILLE & WOODBINE
36	FOURTH AND LUDLOW BUMP OUTS
37	IRVING AVE AT DAY- KET TRAIL
38	GETTYSBURG & GERMANTOWN
39	GETTYSBURG & LAKESIDE
40	GETTYSBURG & JAMES H. MCGEE
41	GETTYSBURG & HILLCREST
43	THIRD & WESTOWN
44	THIRD & GETTYSBURG
45	THIRD & ABBEY
47	SMITHVILLE & TUTTLE

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) :
GREGORY FISHMAN : 937-312-2531
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 - CURB AND GUTTER 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

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

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

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

THIS ITEM 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 - DOTTED LINE, 6", AS PER PLAN
- ITEM 644 - YIELD LINE, AS PER PLAN
- ITEM 644 - REMOVAL OF PAVEMENT MARKING
- ITEM 644 - REMOVAL OF PAVEMENT MARKING

THIS ITEM 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"

THIS ITEM 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

THIS ITEM 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"

THIS ITEM 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.

GENERAL

ALL EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION AND ELEVATION ACCORDING TO THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE REQUIRED TO FIELD LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION, AND SHALL UNCOVER ANY UTILITY WHICH MAY POTENTIALLY CONFLICT WITH THE PROPOSED STORM SEWER TO DETERMINE ACTUAL ELEVATIONS AND WHAT ADJUSTMENTS MAY BE NECESSARY. THIS MUST BE DONE FAR ENOUGH IN ADVANCE TO ALLOW THE UTILITY ADJUSTMENT TO BE COMPLETED BY THE RESPECTIVE COMPANY PRIOR TO THE PROPOSED SEWER INSTALLATION AT THAT LOCATION. FORTY EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION, EXCAVATION, OR DIGGING, THE CONTRACTOR SHALL CALL AND NOTIFY THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1-800-362-2764. ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES IN THE AREA AND ARE NOT A MEMBER OF OUPS SHALL BE NOTIFIED DIRECTLY BY THE CONTRACTOR.

ITEMS REFERENCE THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS, 2019 EDITION UNLESS OTHERWISE NOTED. ITEMS NUMBERS USING A "D-" PREFIX REFERENCE THE CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS, OCTOBER 1, 2008 EDITION, AND CITY OF DAYTON STANDARD DRAWINGS, DECEMBER 13, 2006 EDITION.

ALL PROJECT ORDERS (FIELD OR OFFICE), REQUEST, CHANGES, ADDITIONS, OR DELETIONS PERTAINING TO PUBLIC WATER STORM SEWER, AND SANITARY FACILITIES SHALL BE ONLY BY DIRECTION OR REQUEST OF THE CITY OF DAYTON, DEPARTMENT OF WATER OR ITS DESIGNATED REPRESENTATIVE.

THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING MONTHLY PROGRESS MEETINGS WITH THE CITY OF DAYTON. AN UPDATED DETAILED SCHEDULE SHALL BE PROVIDED AT EACH MEETING.

THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WORK WITH ALL UTILITIES AND OTHER CONTRACTORS WORKING IN THE AREA.

LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, WHETHER OR NOT SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

WHEN UNKNOWN OR INCORRECTLY LOCATED UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY OWNER AND THE ENGINEER.

ALL ITEMS SUBMITTED FOR SHOP DRAWING APPROVAL SHALL BE ACCEPTED AND APPROVED PRIOR TO USE ON THIS PROJECT. ALL SHOP DRAWINGS SHALL BE SUBMITTED THROUGH THE PROJECT MANAGER. THE FOLLOWING IS A LIST OF SHOP DRAWINGS WHICH WILL BE REQUIRED ON THIS PROJECT. THIS LIST IS NOT NECESSARILY ALL INCLUSIVE AND OTHER SHOP DRAWINGS MAY BE REQUIRED AS REQUESTED BY THE ENGINEER.

ADA TRUNCATED DOME SYSTEM	CONCRETE MIX DESIGN
ASPHALT CONCRETE MIX DESIGN	PULL BOXES
LUMINAIRE	LUMINAIRE ARM
CIRCUIT CABLE	CONNECTOR KIT
GROUND ROD	LOOP DETECTOR
POLES	LIGHTING CONTROL CENTER

NO CONSTRUCTION INVOLVING THE USE OF POWER-OPERATED EQUIPMENT INCLUDING, BUT NOT LIMITED TO: FRONT LOADERS, BACKHOES, DOZERS, TRACTORS, SCRAPERS,GRADERS, PAVERS, ROLLER COMPACTORS, SLIP FORM EQUIPMENT, PAVEMENT PLANING EQUIPMENT, DUMP TRUCKS, CONCRETE MIXERS, CONCRETE PUMPS, CRANES, COMPRESSORS,GENERATORS, PUMPS, PILE DRIVERS, JACK HAMMERS, ROCK DRILLS, PNEUMATIC TOOLS, SAWS, AND VIBRATORS SHALL BE PERFORMED FROM 9:00 P.M. TO 7:00 A.M. WITHOUT THE PRIOR PERMISSION OF THE PROJECT ENGINEER.

ROADWAY AND PAVEMENT

ROADWAY RESTORATION WITHIN THE CITY OF DAYTON CORPORATION LINE WILL BE DONE IN COMPLIANCE WITH THE DEPARTMENT OF PUBLIC WORKS "RULES AND REGULATIONS FOR MAKING OPENINGS IN A PUBLIC WAY" (LATEST EDITION).

THE CITY OF DAYTON REPRESENTATIVE HAS THE RIGHT TO INSPECT ALL MATERIAL USED FOR CONSTRUCTION.

THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. ALL COST FOR LOCATING, REMOVING, AND REPLACING OR RELOCATING THE UTILITIES SHALL BE INCIDENTAL TO CONSTRUCTION. ALL UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH LIKE MATERIAL. THE CONTRACTOR SHALL VERIFY THE DEPTH AND HORIZONTAL LOCATION OF EXISTING UTILITIES BEFORE ANY WORK IS STARTED. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE DETERMINED BY HAND DIGGING.

THE COST OF ALL ITEMS NECESSARY TO MAINTAIN TRAFFIC SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 614, "MAINTAINING TRAFFIC."

THE CONTRACTOR SHALL MAINTAIN THE EXISTING FLOW IN ALL SEWERS AT ALL TIMES.

THE CONTRACTOR SHALL INSTALL 1/2" EXPANSION JOINTS IN WALKS AT 40' INTERVALS, WHERE WALK ABUTS BUILDINGS, BACK OF CURB, POLES, FIRE HYDRANTS, ETC. CONTRACTION JOINTS SHALL BE INSTALLED IN WALKS AT 20' INTERVALS. CONSTRUCTION JOINTS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 608, "CONCRETE WALK."

THE CONTRACTOR SHALL HAVE A STRAIGHT LINE CUT FOR THE EDGE OF ALL PAVEMENT REMOVAL AREAS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE COST OF NEW WORK ITEMS.

THE CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATION OF RUBBISH AND DEBRIS. POLICE AREA DAILY. DISPOSE OF ALL TRASH IN LAWFUL MANNER. KEEP STREET SWEPT BY VACUUM SWEEPER.

ALL CONCRETE WALK WHICH IS TO BE REMOVED SHALL BE REMOVED TO THE NEAREST JOINT.

THE COST FOR REMOVAL OF ALL CONCRETE WALK, WHEELCHAIR RAMPS, AND BRICK PAVER SIDEWALK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 202, "SIDEWALK REMOVED."

ALL CURB RAMPS SHALL BE CONSTRUCTED TO COMPLY WITH THE ADA, INCLUDING THE INSTALLATION OF TRUNCATED DOMES. ALL CURB RAMPS ARE TO BE CONSTRUCTED 7" THICK WITH CITY OF DAYTON CLASS "D" CONCRETE MIX. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 608, "CURB RAMP." TRUNCATED DOMES SHALL BE ARMOR-TILE OR SIMILAR APPROVED EQUAL.

GRASS AND TURF DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AS PER ITEM D-659. REPAIR IN KIND SHALL BE MADE IN A TIMELY MANNER AS DETERMINED BY THE ENGINEER, AND SHALL BE PERFORMED AT NO COST TO THE PROJECT.

DESIGN AGENCY



DESIGNER	KAZ
REVIEWER	
DES	11/02/20
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SHEET	TOTAL
P.03	36

SIGNALS

THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF PROPOSED CONDUIT WITH THE ENGINEER. THE CONTRACTOR SHALL TAKE INTO ACCOUNT THE LOCATION OF PROPOSED TREES, POLES, ETC. IN ROUTING CONDUITS.

ALL CONDUCTORS SHALL BE COPPER AND BE SIZED PER THE NATIONAL ELECTRIC CODE.

ALL PROPOSED POLES SHALL BE PROVIDED WITH A MINIMUM OF TWO (2) FEET OF CLEARANCE BETWEEN THE FACE OF CURB AND FACE OF POLE.

ALL CUTS IN THE SIDE OF THE PULL BOXES SHOULD BE CORED AND MADE SO THAT THERE IS A TIGHT FIT BETWEEN THE CONDUIT AND THE PULL BOX.

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

STORM SEWERS

ALL CATCH BASIN LATERAL AND MAIN LINES TO BE REINFORCED CONCRETE ASTM SPECIFICATION NUMBER C-76, CLASS 4 UNLESS OTHERWISE NOTED.

CHANNEL BOTTOMS OF ALL MANHOLES.

ALL FIELD TILE ENCOUNTERED SHALL BE REPLACED OR CONNECTED TO THE STORM SEWER SYSTEM WITH APPROVAL FROM THE CITY OF DAYTON, DEPARTMENT OF WATER.

WHEN STORM SEWER CONNECTIONS ARE BEING MADE TO EXISTING PIPE, THE PROPOSED STORM SEWER SHALL MEET THE EXISTING INVERT AND THE EXISTING PIPE SHALL BE REMOVED TO THE NEAREST JOINT WHERE POSSIBLE. A CONCRETE COLLAR SHALL BE POURED AROUND THE CONNECTION. PAYMENT FOR THIS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONDUIT.

ALL CONNECTIONS TO EXISTING STORM SEWER MANHOLES SHALL BE MADE USING A DIAMOND CORE DRILL.

ALL ELEVATIONS GIVEN (INCLUDING CATCH BASINS AND MANHOLES) ARE TO THE TOP OF PROPOSED PAVEMENT UNLESS OTHERWISE NOTED.

STORM SEWER INSTALLATION IS SUBJECT TO INSPECTION BY DEPARTMENT OF WATER PERSONNEL TO ENSURE COMPLIANCE WITH DEPARTMENT OF WATER STANDARDS FOR STORM SEWERS.

NO ADDITIONS, DELETIONS, OR REVISIONS TO THE STORM SEWER ARE TO BE MADE WITHOUT WRITTEN APPROVAL BY THE DEPARTMENT OF WATER.

AREAS EXCAVATED AROUND PROPOSED CATCH BASINS SHALL BE BACKFILLED TO SUBGRADE USING ODOT 613 LOW STRENGTH MORTAR BACKFILL (CDF) TYPE 1 OR TYPE 2 AND ALLOWED TO CURE FOR AT LEAST 24 HOURS.

REVIEW OF DRAINAGE FACILITIES

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

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

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

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

MANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED

ALL CASTINGS SHALL BE CAREFULLY REMOVED AND STORED WITHIN THE RIGHT OF WAY FOR SALVAGE BY CITY FORCES.

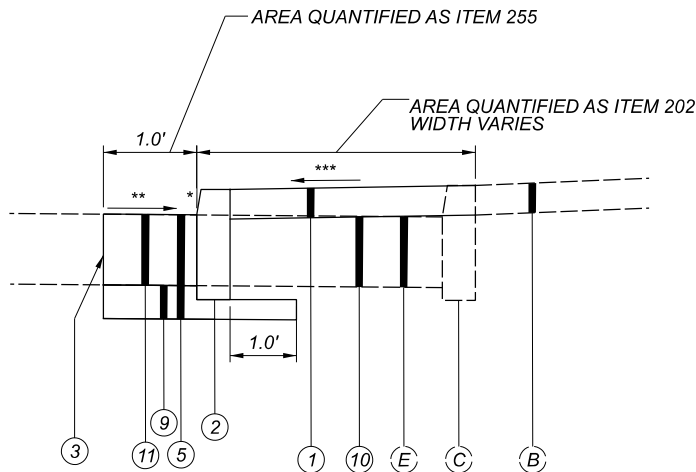
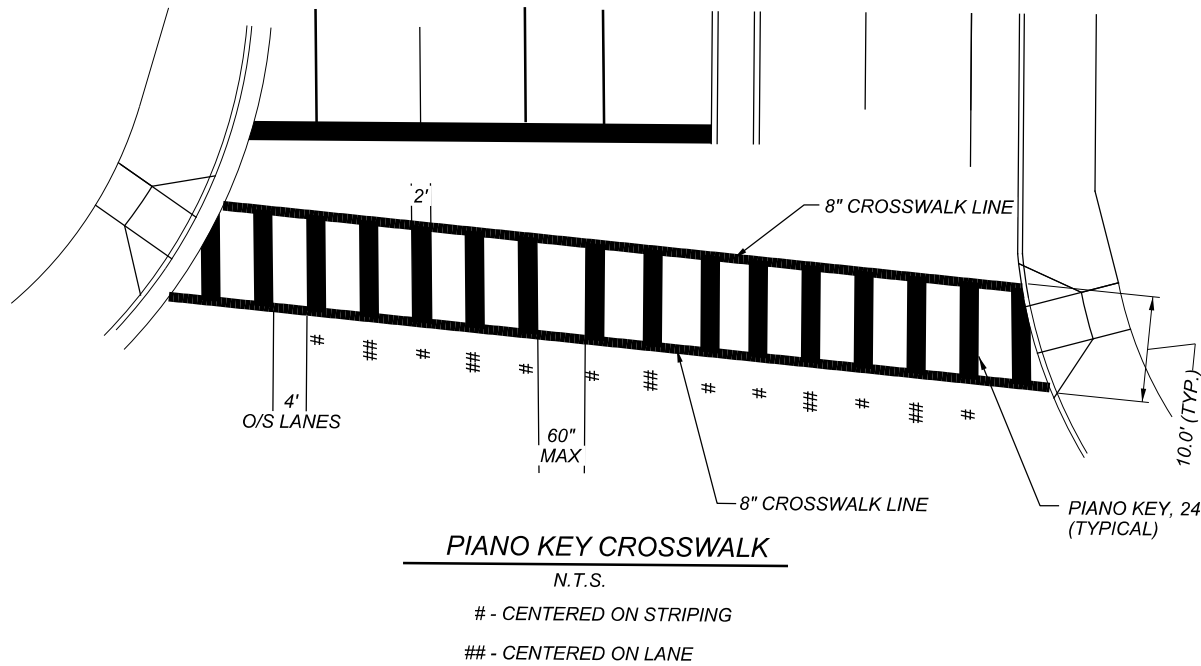
PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 202 ITEM.

ENVIRONMENTAL COMMITMENTS

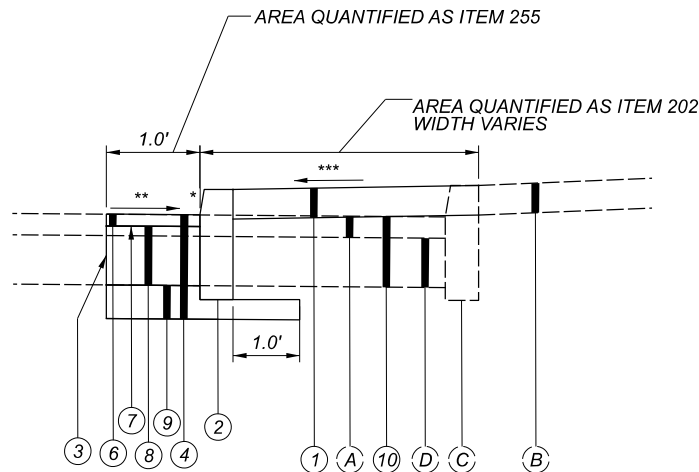
PROTECTION OF PUBLIC PARKS AND RECREATIONAL FACILITIES: PORTIONS OF THE PROJECT ARE LOCATED ADJACENT TO PUBLIC PARKS OR OTHER PUBLIC RECREATIONAL FACILITIES. THE CONTRACTOR SHALL NOT RESTRICT ACCESS TO SUCH RESOURCES, INCLUDING THE FOLLOWING LOCATIONS: SUNRISE METROPARK, RIVERVIEW PARK, AVIATION TRAIL HISTORIC SITE, RIVERSCAPE METROPARK, DON CRAWFORD PLAZA, COOPER PARK, CANAL WALK, DAYTON AVIATION HERITAGE NATIONAL HISTORIC PARK, VIETNAM VETERANS MEMORIAL PARK, PATTERSON PARK YOUTH BASEBALL FIELDS, CREAGER FIELD DOG PARK, AND GREAT MIAMI RIVER RECREATIONAL TRAIL ACCESS.

PROTECTION OF CYCLISTS: PORTIONS OF THE PROJECT WILL BE UNDERTAKEN ON DESIGNATED BIKEWAYS AND AT THE BIKE TRAIL CROSSING ON IRVING AVENUE. A SEGMENT OF THE STEWART STREET BIKEWAY IS LOCATED ADJACENT TO THE PROJECT AT PATTERSON AND STEWART INTERSECTION. CONSTRUCTION PERSONNEL SHALL BE ALERT TO CYCLISTS AND ACCOMMODATE CYCLISTS' SAFE TRAVEL THROUGH THE PROJECT CORRIDORS DURING CONSTRUCTION ACTIVITIES.

DRINKING WATER RESOURCES PROTECTION: PORTIONS OF THE PROJECT ARE LOCATED WITHIN THE BOUNDARIES OF A DESIGNATED SOLE SOURCE AQUIFER AND/OR SOURCE WATER PROTECTION AREA. BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. IDLE EQUIPMENT, PETROCHEMICALS, AND TOXIC/HAZARDOUS MATERIALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES OR STREAMS. REFUELING SHALL NOT BE UNDERTAKEN NEAR DRAINAGE WAYS, DITCHES OR STREAMS. A SPILL CONTAINMENT KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS, OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT, THE CITY OF DAYTON FIRE DEPARTMENT, LOCAL EMERGENCY COORDINATOR (937-901-5112), AND THE OEPA (1-800-282-9378) MUST BE CONTACTED WITHIN 30 MINUTES OF KNOWLEDGE OF THE RELEASE.



CURB AND PAVEMENT DETAIL
ADJACENT TO EXISTING RIGID PAVEMENT



CURB AND PAVEMENT DETAIL
ADJACENT TO EXISTING FLEXIBLE PAVEMENT

ITEM LEGEND

- ① ITEM D-608 - CONCRETE WALK, 4"
② ITEM D-609 - BARRIER CURB
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
⑥ ITEM 441 - 3" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1.5" MAX LIFT)
⑦ ITEM D-407 - TACK COAT (RATE AS PER CMS 407.06-1)
⑧ ITEM D-615 - LOW STRENGTH MORTAR BACKFILL (TYPE 2)
⑨ ITEM D-304 - 6" AGGREGATE BASE
⑩ ITEM D-202 - PAVEMENT REMOVED
⑪ ITEM D-452 - PLAIN CONCRETE PAVEMENT
⑫ ITEM D-608 - CONCRETE WALK, 6"

- (A) EXISTING ASPHALT CONCRETE, 3"-4"
(B) EXISTING WALK
(C) EXISTING CURB
(D) EXISTING CONCRETE BASE, 8"-9"
(E) EXISTING CONCRETE PAVEMENT, 9"-12"
- * - CURB HEIGHT 6" TYPICAL, 3" MINIMUM
** - MATCH EXISTING GRADE
*** - GRADE TO GUTTER, MAX 2%

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 D-614, MAINTAINING TRAFFIC, AS PER PLAN

THIS ITEM SHALL BE AS PER CITY OF DAYTON ITEM 644, AS DESCRIBED IN CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS.

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND COMPLETED PAVEMENT.

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

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION DESCRIBED IN THE STANDARD CONSTRUCTION DRAWINGS REFERENCE ON SHEET 1 OF THIS SET.

EXCAVATION AND PAVEMENT REMOVAL DIRECTLY ADJACENT TO TRAVEL LANES SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF EXCAVATION OR PAVEMENT REMOVAL WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER. EXCAVATION AND BASE REPLACEMENT SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 5" BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. IF EXCAVATION AND BASE REPLACEMENT DIRECTLY ADJACENT TO TRAVEL LANES MUST BE LEFT OPEN OVERNIGHT WITH A DROP OFF OF MORE THAN 5", THE ARE SHALL BE TEMPORARILY BACKFILLED TO WITHIN 5" OF PAVEMENT SURFACE OR PROTECTED WITH BARRIER AS PER MT-101.90. COST FOR TEMPORARY BACKFILL AND WEDGE TREATMENT SHALL BE INCIDENTAL TO THE LUMP SUM PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

IF THE PROJECT EXTENDS BEYOND THE COMPLETION DATE, THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL AND ALL ASSOCIATED COSTS.

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

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

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

DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 50 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

ITEM	NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE	
	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ITEM 614, REPLACEMENT DRUM

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT DRUMS SHALL BE NEW.

PAYMENT FOR THE NEW DRUMS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT DRUM, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED DRUM, AND PROVIDING AND MAINTAINING THE REPLACEMENT DRUM IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM.

AN ESTIMATED QUANTITY OF 20 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	
4	6	9	11	13	14	16	19	20	23	27	31	01/SAE/OT		EXT	TOTAL				
																	ROADWAY		
			12	38		39			93	188	104	474	202	23001	474	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	522	367	235		901	1,787	1,795	6,712	202	30001	6,712	SF	WALK REMOVED, AS PER PLAN	P.03	
			40	123	134	56	96		209	224	187	1,069	202	32001	1,069	FT	CURB REMOVED, AS PER PLAN	P.03	
										24		24	202	32501	24	FT	CURB AND GUTTER REMOVED, AS PER PLAN	P.03	
									20	54	10	84	202	35101	84	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	3	2	8	202	58101	8	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		12			24	33	25	111	255	10200	111	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)	P.05	
			94	126		108	96		254	302	228	1,208	255	20000	1,208	FT	FULL DEPTH PAVEMENT SAWING	P.05	
				318	957	70	672	483		1,534	3,086	2,353	9,473	608	10001	9,473	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	178	300	720	205	228		369	362	366	2,791	608	52001	2,791	SF	CURB RAMP, AS PER PLAN	P.03	
			32		40	32						104	608	53021	104	SF	DETECTABLE WARNING, AS PER PLAN	P.03	
			83	132	134	110	106		243	292	217	1,317	609	26001	1,317	FT	CURB, TYPE 6, AS PER PLAN	P.03	
1,000												1,000	832	30000	1,000	EACH	EROSION CONTROL	P.04	
						129	90			73	54	346	611	04400	346	FT	12" CONDUIT, TYPE B706.02		
						1	4			3	2	10	611	98180	10	EACH	CATCH BASIN, NO. 3A		
						1	1			1	1	4	611	99574	4	EACH	MANHOLE, NO. 3		
							1		1	2	1	5	611	99654	5	EACH	MANHOLE ADJUSTED TO GRADE		
										1	1	2	638	10800	2	EACH	WATER WORK VALVE BOX ADJUSTED TO GRADE		
																	TRAFFIC CONTROL		
			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	22	136	40	22	5				247	630	80101	247	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			2	630	87401	2	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							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	101	83	4,149	644	00501	4,149	FT	STOP LINE, AS PER PLAN	P.03	
		12,605	72	90		92	92	231	411	397	346	14,336	644	00601	14,336	FT	CROSSWALK LINE, AS PER PLAN	P.05	
		16										16	644	01301	16	EACH	LANE ARROW, AS PER PLAN	P.03	
		100										100	644	01511	100	FT	DOTTED LINE, 6", 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	393	422	4,066	644	30000	4,066	FT	REMOVAL OF PAVEMENT MARKING	P.03	
									1			1	644	30020	1	EACH	REMOVAL OF PAVEMENT MARKING	P.03	
			12,044	52	240		70	222	177	523	521	439	14,288	644	50300	14,288	FT	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	P.05
			413									413	646	10401	413	FT	STOP LINE, AS PER PLAN	P.03	
			1,394			843						2,237	646	10501	2,237	FT	CROSSWALK LINE, AS PER PLAN	P.05	
			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.05	

GENERAL SUMMARY

DESIGN AGENCY



2475 Sandusky Ave. Rd. SE
Lancaster, Ohio 43130
(740) 687-5542 Phone
www.zlmn.com

DESIGNER

KAZ

REVIEWER

DES 11/02/20

PROJECT ID

113274

SHEET

P.07

TOTAL

36

MODEL: Sheet2 PAPER SIZE: 17x11 (in.) DATE: 11/2/2020 TIME: 5:08:17 PM USER: Dan_Shaner
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GENERAL SUMMARY

DESIGN AGENCY	
2LMN	275 Sugar Grove Rd. SE Concord, GA 30310 (770) 687-5542 Phone www.2LMN.com
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		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	DOTTED LINE, 6", 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.: PIANO KEYS, 24"	STOP LINE, AS PER PLAN	DOTTED LINE, AS PER PLAN	CROSSWALK LINE, AS PER PLAN	LANE ARROW, AS PER PLAN
					SF	SF		EACH	EACH		FT	FT	FT	FT	EACH	FT		FT	FT	FT	FT	EACH	
			TO																				
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	100	654	14								
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									
		</																					

PEDESTRIAN CROSSING SUMMARY

DESIGN AGENCY



DESIGNER

KAZ

REVIEWER

DES 11/02/20

PROJECT ID

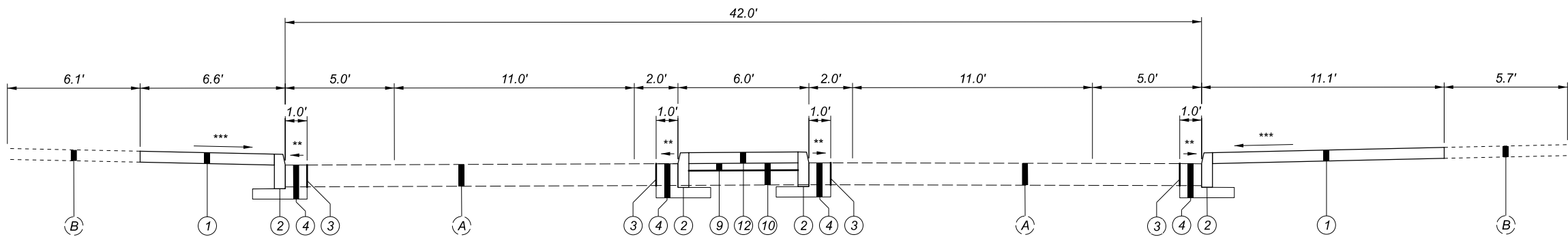
113274

SHEET

P.09

TOTAL

36

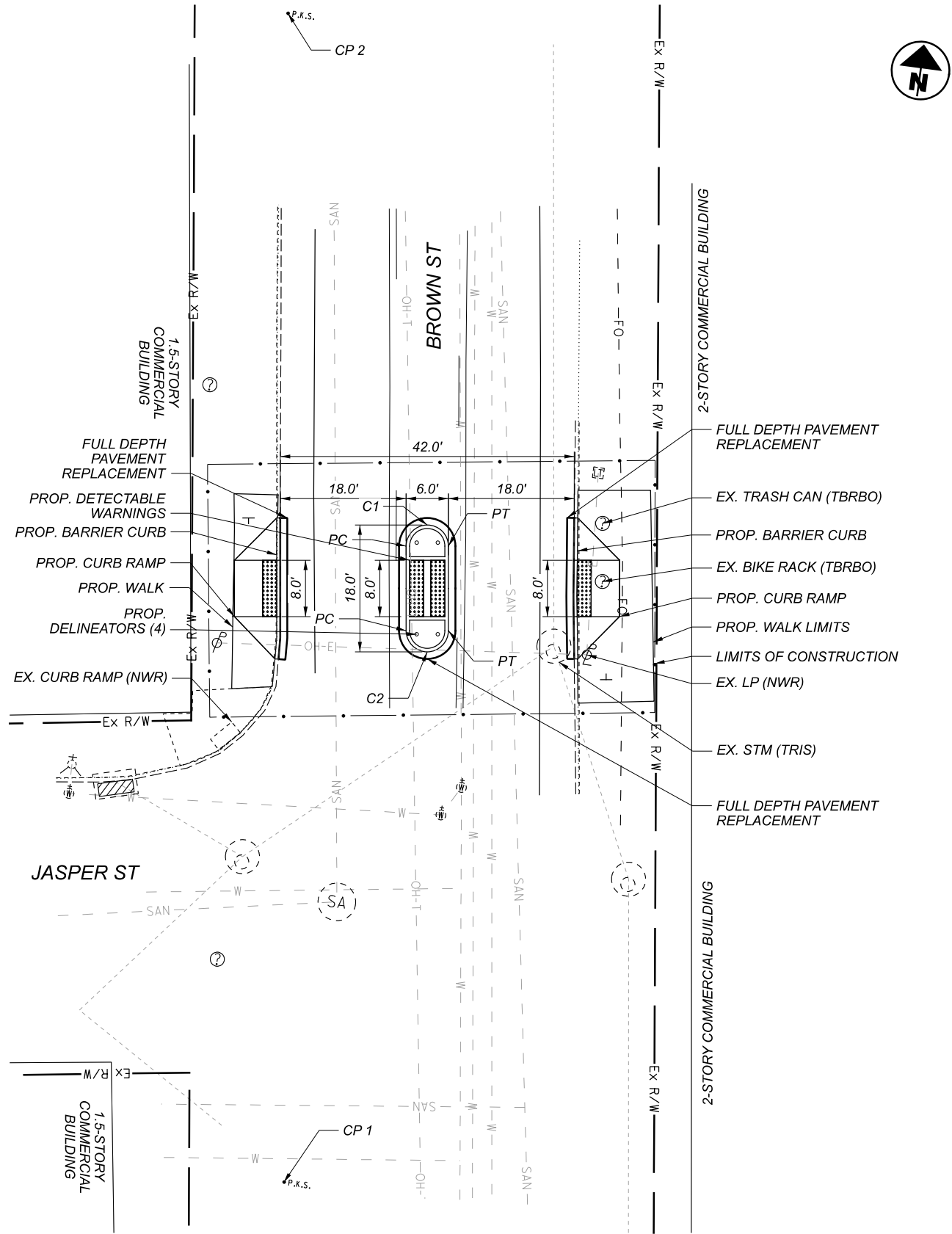
TYPICAL SECTION
(NOT TO SCALE)

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 D-202 PAVEMENT REMOVED FOR MEDIAN TRAFFIC ISLANDS IS QUANTIFIED FROM FACE OF CURB TO FACE OF CURB.

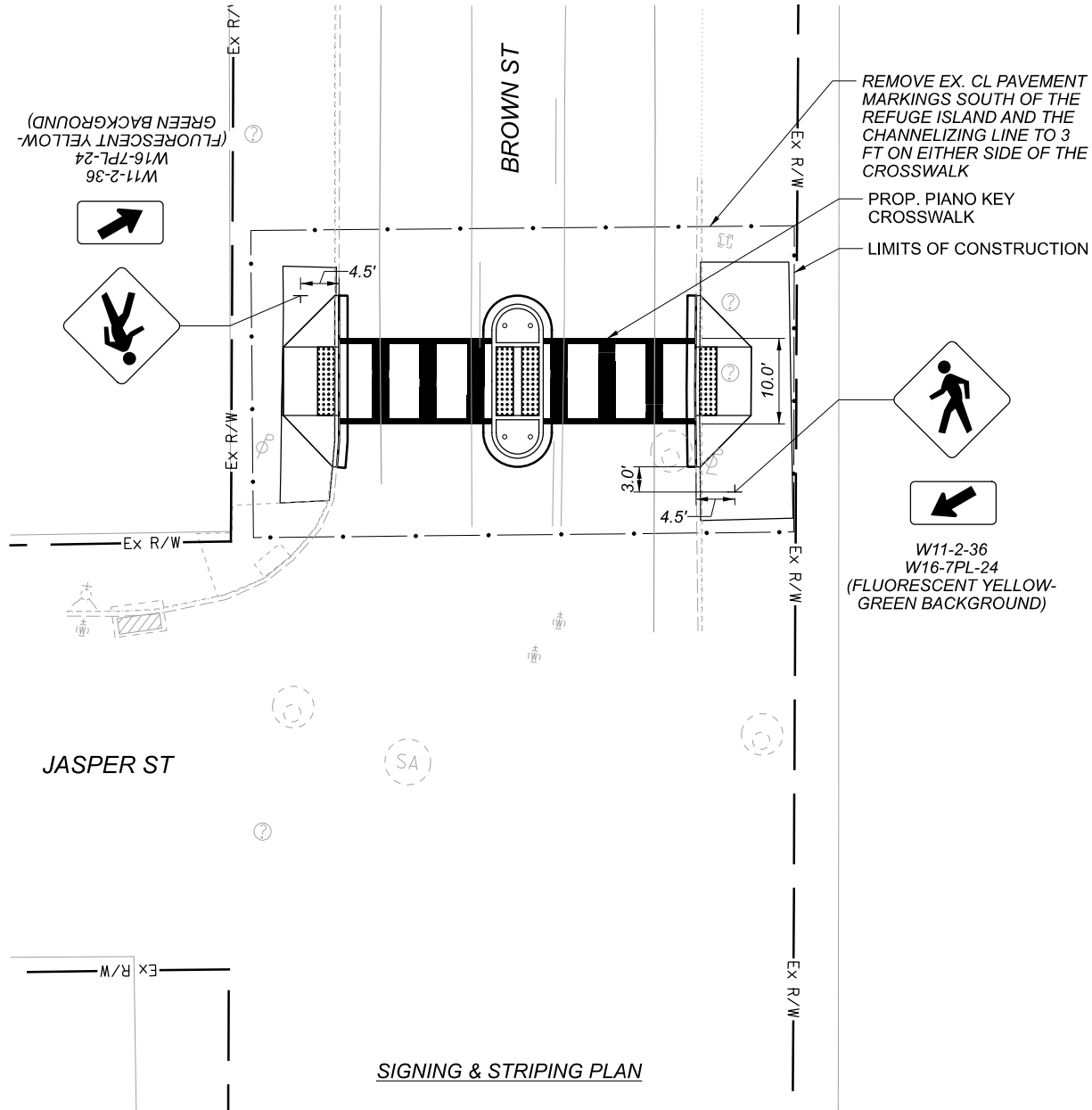
ITEM LEGEND

- ① ITEM D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- 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 D-304 - 4" AGGREGATE BASE
- ⑩ ITEM D-202 PAVEMENT REMOVED
- ⑫ ITEM D-608 - CONCRETE WALK, 6"
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- ** - MATCH EXISTING GRADE
- *** - GRADE TO GUTTER, MAX 2%

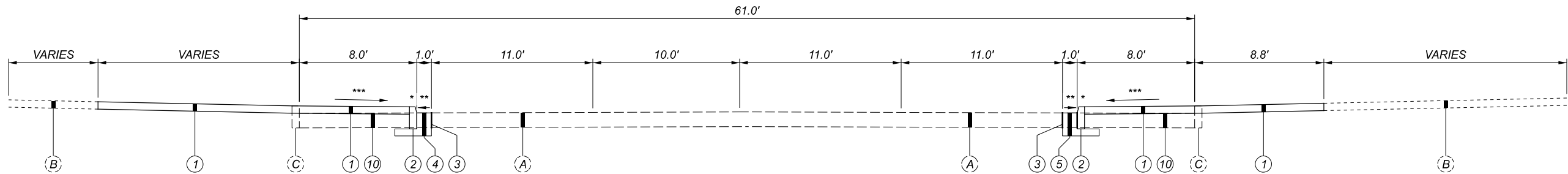


CURVE LAYOUT DATA							
CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	3.00'	638883.35	1495451.81	638882.95	1495448.84	638883.75	1495454.78
C2	3.00'	638871.45	1495453.41	638871.05	1495450.43	638871.85	1495456.38

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



ESTIMATED QUANTITIES															
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	202	202	202	255	255	608	608	608	608	609	620	630	630	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															
DETECTABLE WARNING, 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	SF	FT	EACH	SF	FT	FT	FT	FT
12	40	488	94	10	318	35	178	32	83	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

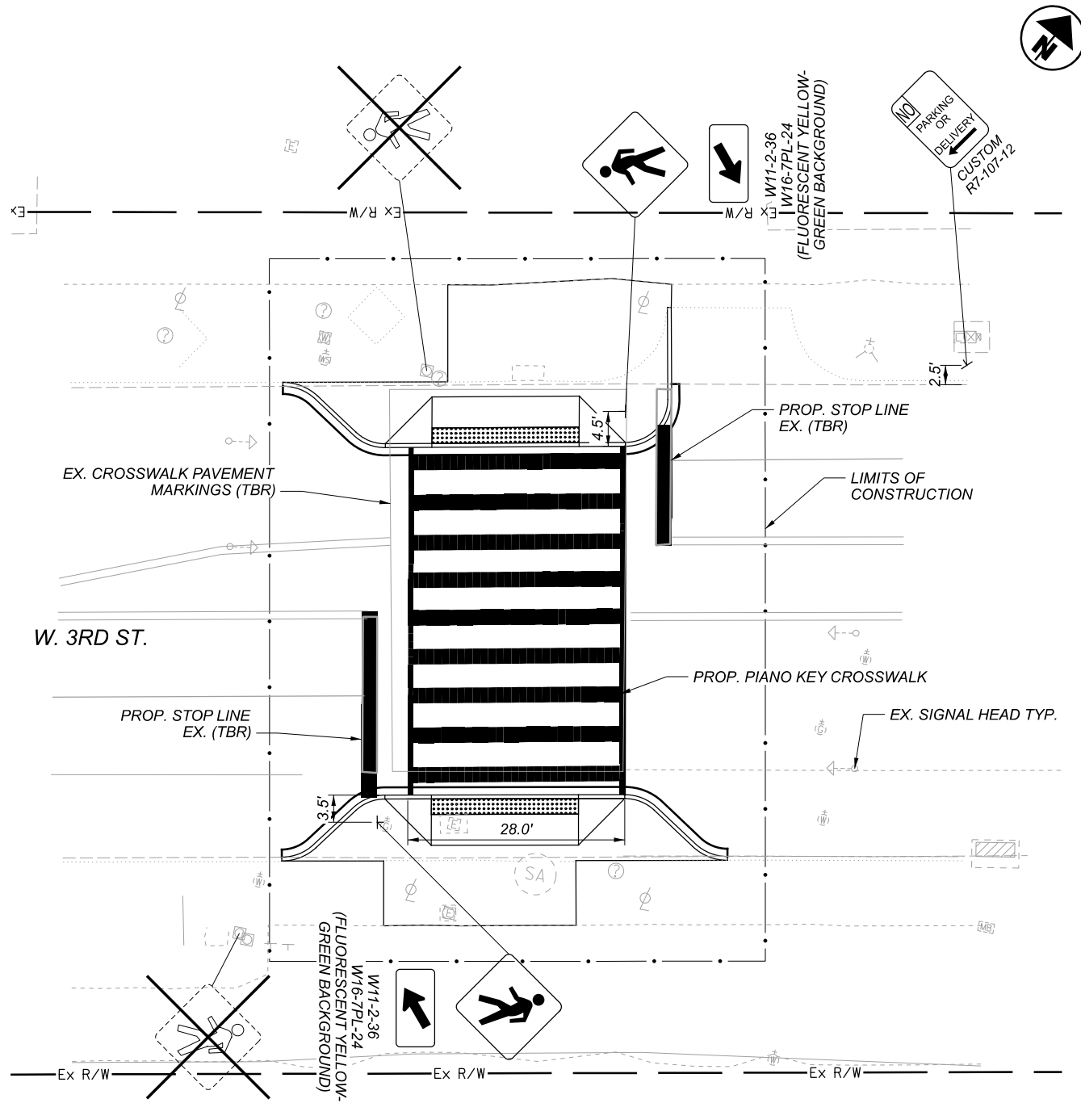
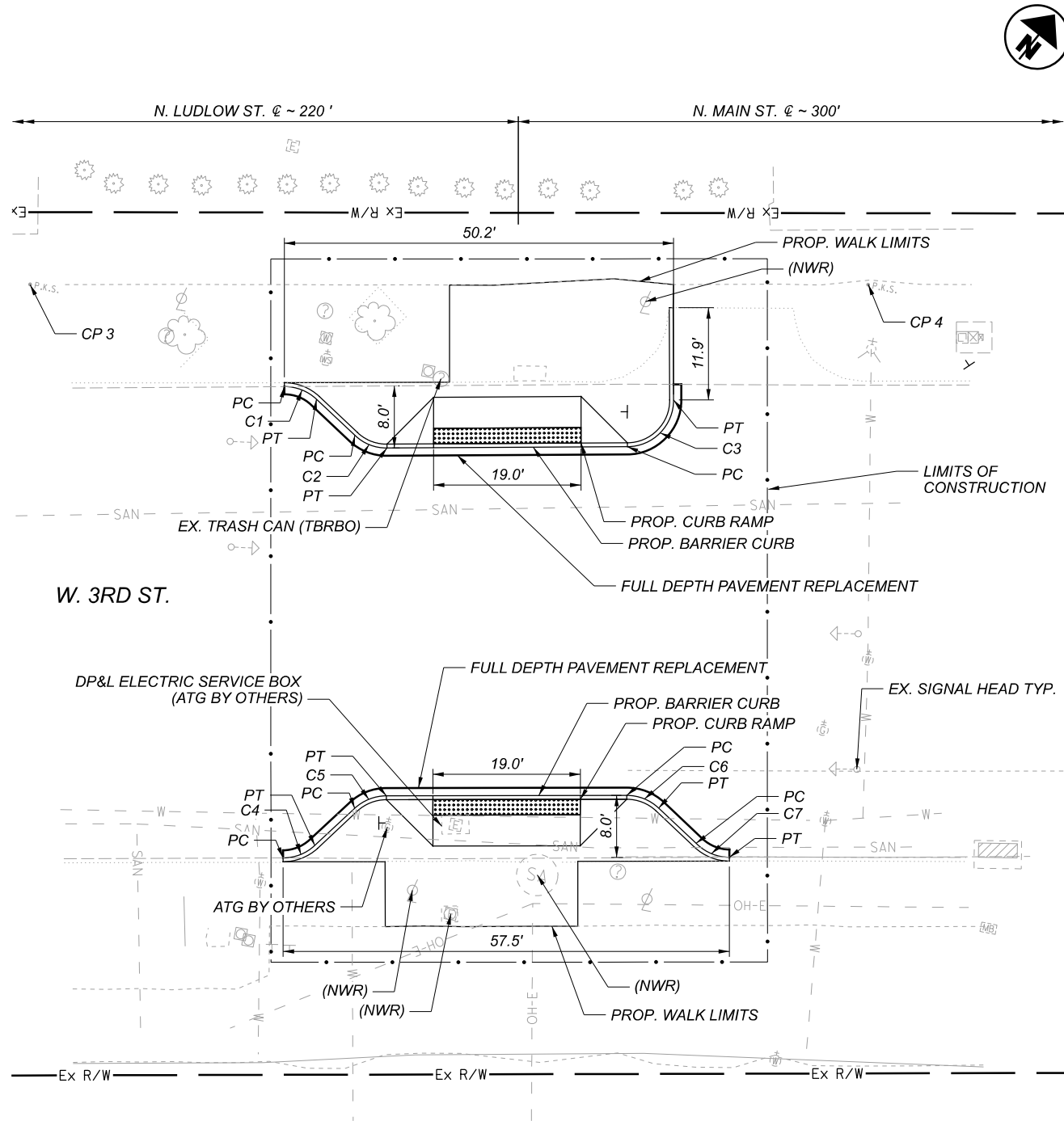
- ① ITEM D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑤ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1
- ⑩ ITEM D-202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

- (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%



SIGNING & STRIPING PLAN

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	644	644	644
PAVEMENT REMOVED, AS PER PLAN (CONCRETE FULL-DEPTH)	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
CURB REMOVED, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
WALK REMOVED, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
FULL DEPTH PAVEMENT SAWING	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
4" CONCRETE WALK, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
CURB RAMP, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
CURB, TYPE 6, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
SIGN. FLAT SHEET, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
STOP LINE, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
CROSSWALK LINE, AS PER PLAN	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644
REMOVAL OF PAVEMENT MARKING	202	202	202	202	255	255	255	608	608	609	630	630	630	644	644	644

DESIGN AGENCY

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Lancaster, Ohio 43130
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DESIGNER

KAZ

REVIEWER

DES 11/02/20

PROJECT ID

113274

SHEET

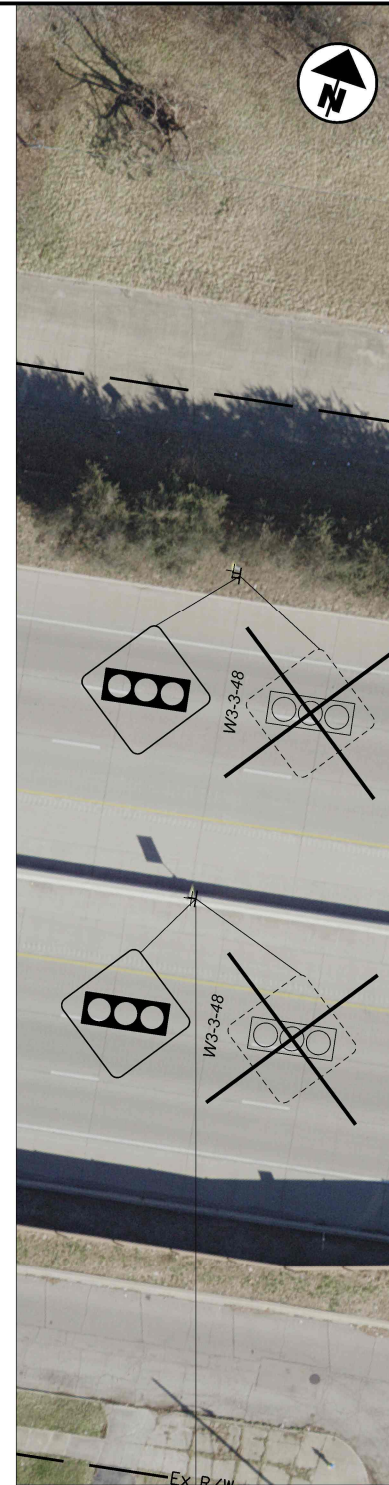
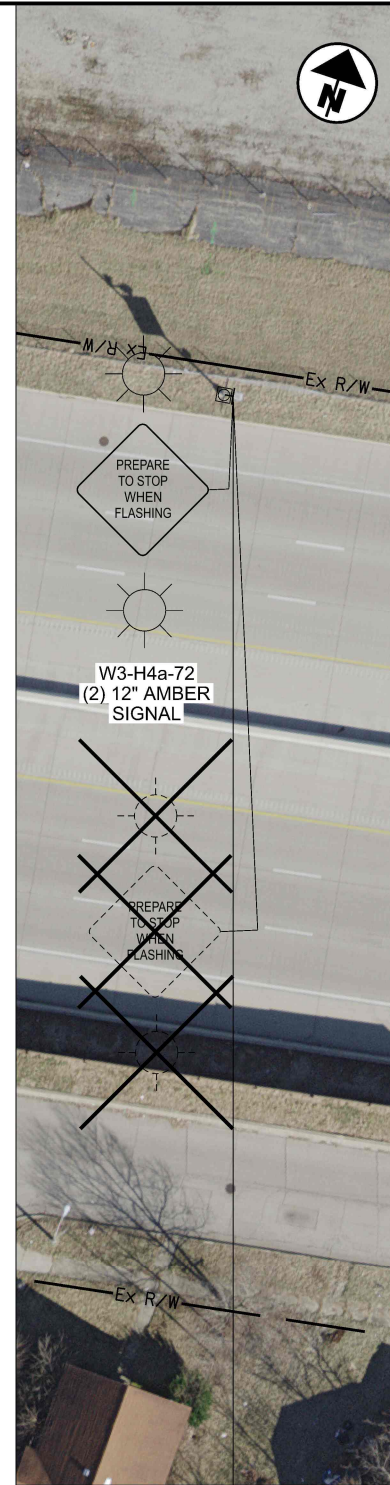
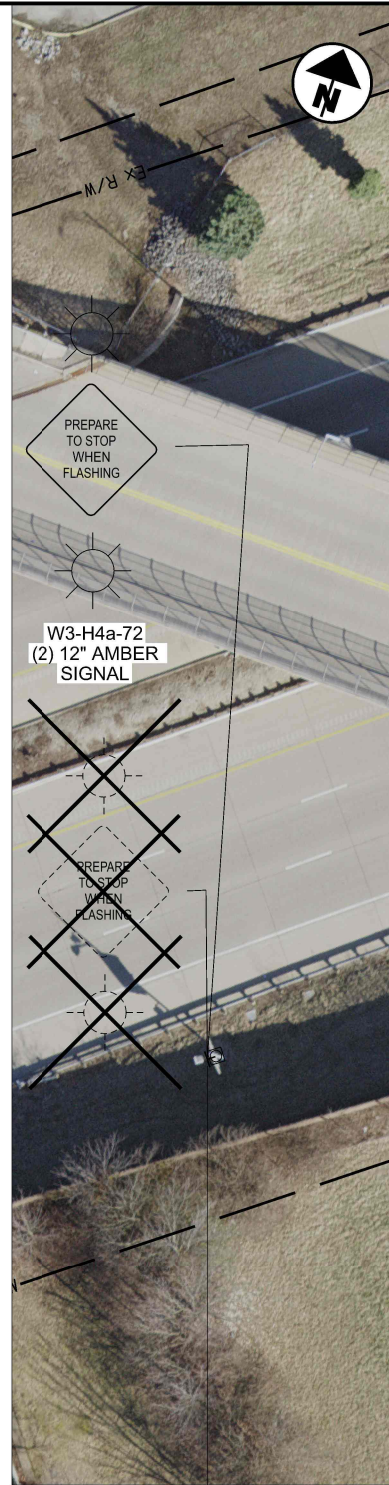
P.13

TOTAL

36

PLAN
W. 3RD ST. MIDBLOCK

HORIZONTAL
SCALE IN FEET
0 5 10 20



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, AS PER PLAN	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	522	70	720	40	134	136	120	4	8	2	2	12	12	4	4	225	601	843	1068

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.



- ① ITEM D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- 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 D-304 - 6" AGGREGATE BASE
- ⑩ ITEM D-202 - PAVEMENT REMOVED
- ⑫ ITEM D-608 - CONCRETE WALK, 6"

- (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%

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.

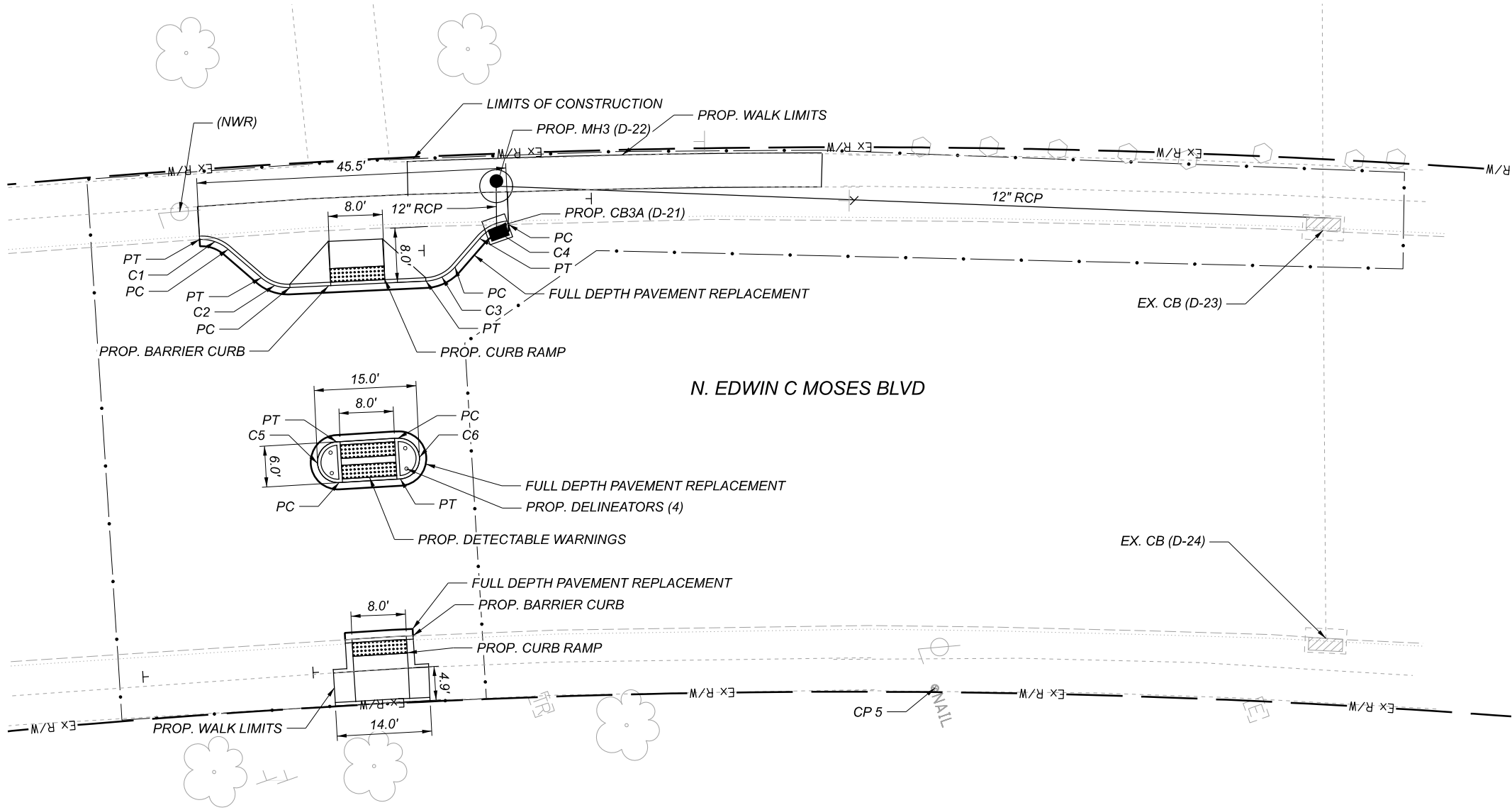
2. THE CONTRACTOR SHALL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER THE DETAILS ON SHEET P.05.

3. ITEM D-202 PAVEMENT REMOVED FOR MEDIAN TRAFFIC ISLANDS IS QUANTIFIED FROM FACE OF CURB TO FACE OF CURB.

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

ESTIMATED QUANTITIES																						
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	202	202	202	255	255	608	608	608	608	609	611	611	611	620	630	630	630	630	644	644	644	644
CURB REMOVED, AS PER PLAN	FT	56	SF	FT	SY	SF	SF	SF	SF	FT	FT	EACH	EACH	EACH	SF	FT	EACH	EACH	FT	FT	FT	MILE
WALK REMOVED, AS PER PLAN	367	108	12	672	20	205	32	110	129	1	1	4	40	60	1	1	70	92	44	0.1	0.1	1082

CURVE LAYOUT DATA							
CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	645598.61	1488733.33	645603.81	1488730.35	645600.33	1488727.58
C2	6.00'	645612.21	1488732.93	645610.48	1488738.67	645607.00	1488735.91
C3	6.00'	645631.39	1488738.71	645634.36	1488743.92	645629.66	1488744.45
C4	6.00'	645642.15	1488746.40	645643.87	1488740.65	645639.19	1488741.18
C5	3.00'	645608.58	1488765.21	645609.41	1488762.33	645607.75	1488768.10
C6	3.00'	645617.23	1488767.71	645616.40	1488770.60	645618.06	1488764.83

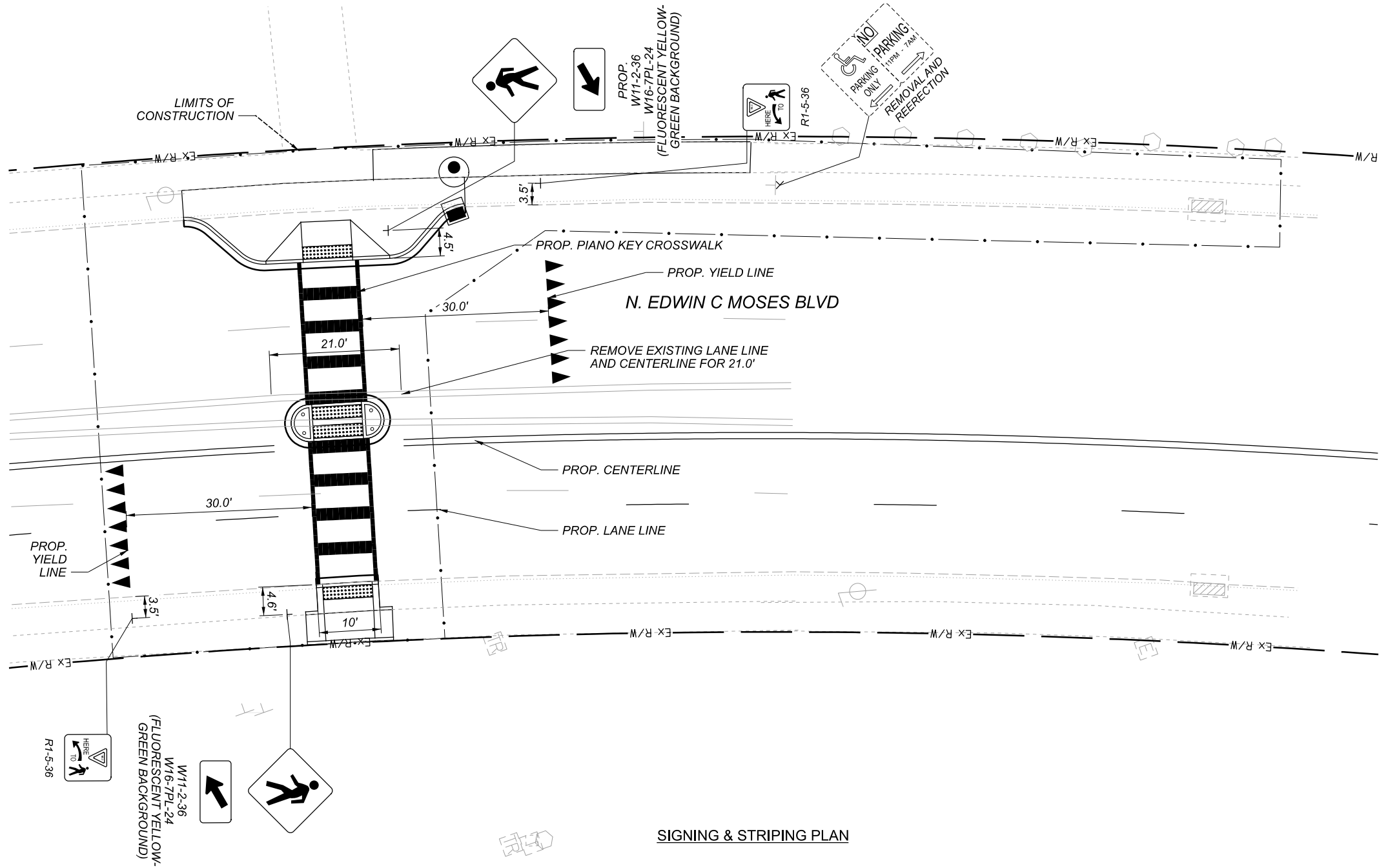


D-21
PROP. CB-3A
RIM = 747.43
INV 12" (NW) = 744.62

D-22
PROP. MH-3
RIM = 747.73
INV 12" (NE & SE) = 744.56

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



SIGNED & STRIPING PLAN

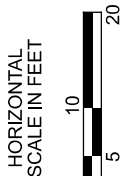
NOTES:
1. THE CONTRACTOR WILL REMOVE AND REPLACE SOUTHERN LANE LINE AND SOUTHERN CENTERLINE PER STRIPING PLAN.



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

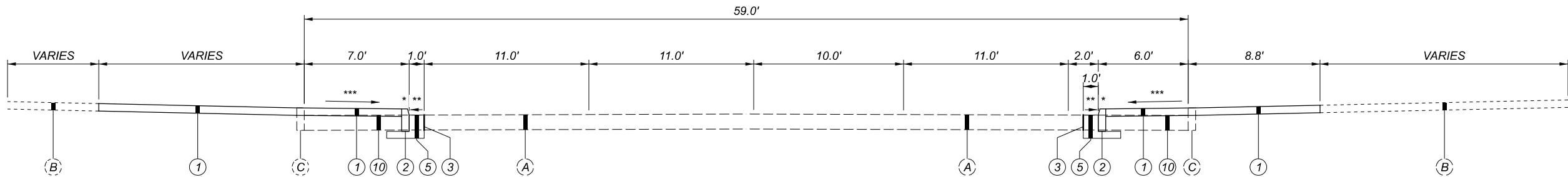
DESIGN AGENCY
2LMN
2475 S. State College Rd., Ste. 50
Lancaster, Ohio 43130
(740) 687-5542 Phone
www.2LMN.com

DESIGNER	KAZ
REVIEWER	DES
PROJECT ID	113274
SHEET	P.16a
TOTAL	36





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



TYPICAL SECTION
(NOT TO SCALE)

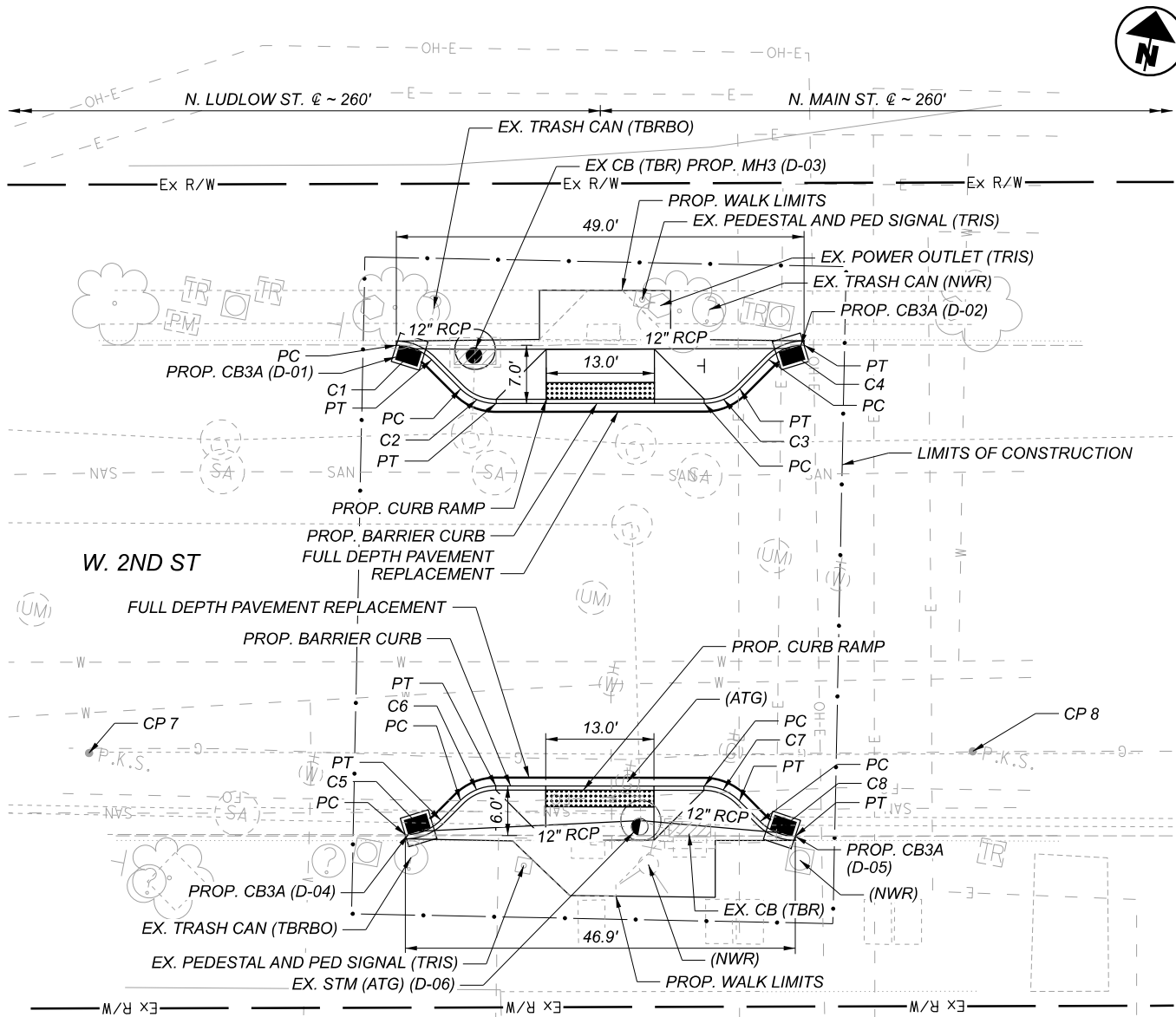
NOTES:

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 D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ⑤ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1
- ⑩ ITEM D-202 - PAVEMENT REMOVED
- Ⓐ EXISTING PAVEMENT BUILD UP
- Ⓑ EXISTING WALK
- Ⓒ 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

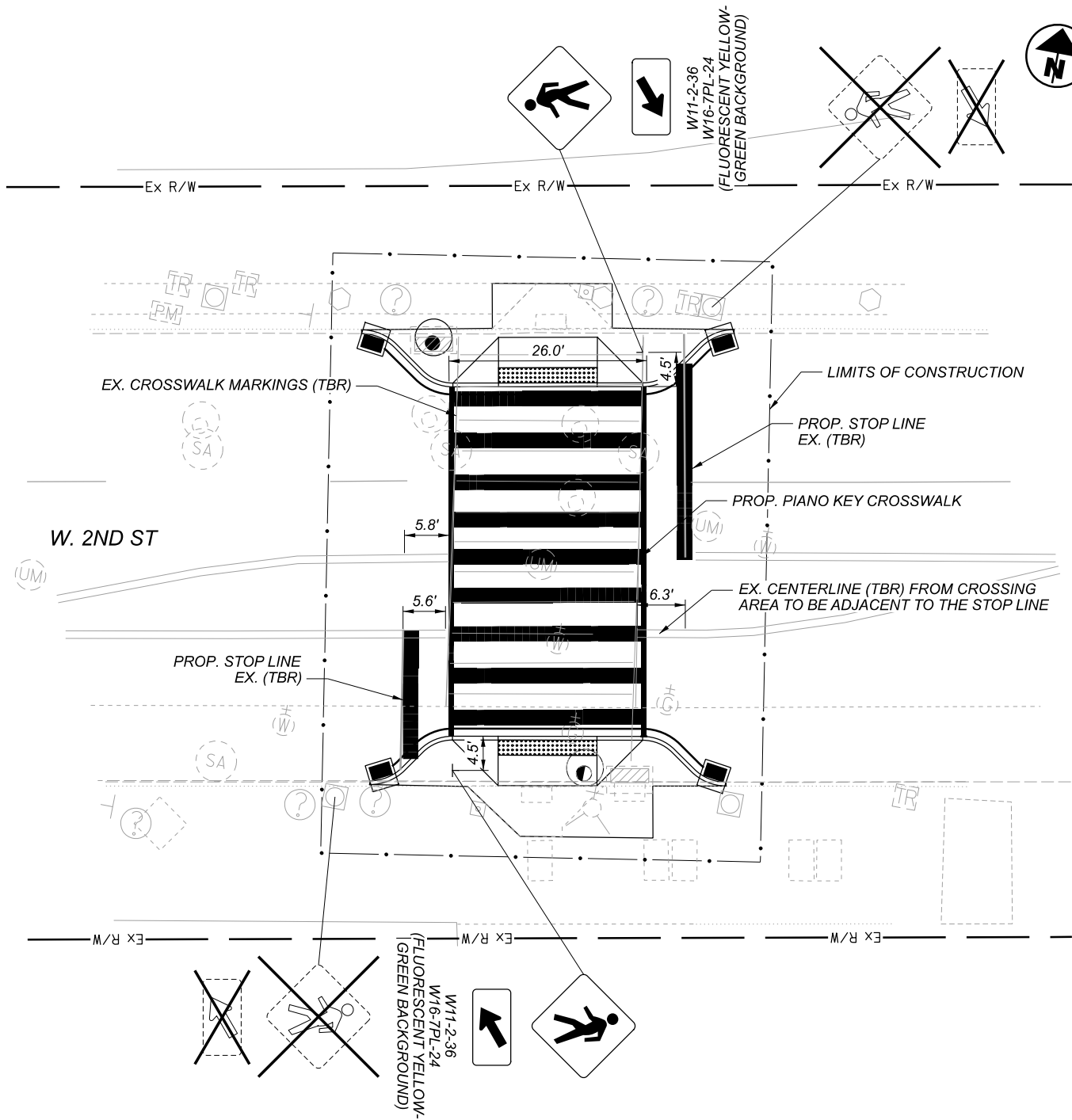
D-04
PROP. CB-3A
RIM = 740.83
INV 12" (E) = 737.24

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

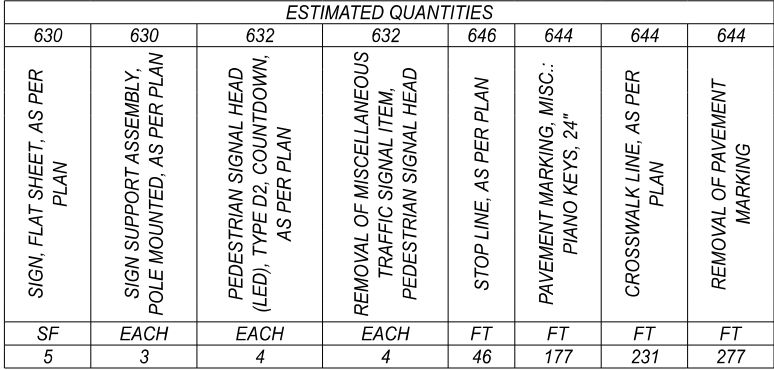
CURVE LAYOUT DATA							
CURVE NO.	RADIUS	CENTER POINT		BEGIN CURVE (PC)		END CURVE (PT)	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
C1	6.00'	645809.16	1492522.55	645815.05	1492521.41	645814.12	1492525.92
C2	6.00'	645816.32	1492533.37	645811.35	1492530.00	645810.43	1492534.51
C3	6.00'	645821.07	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

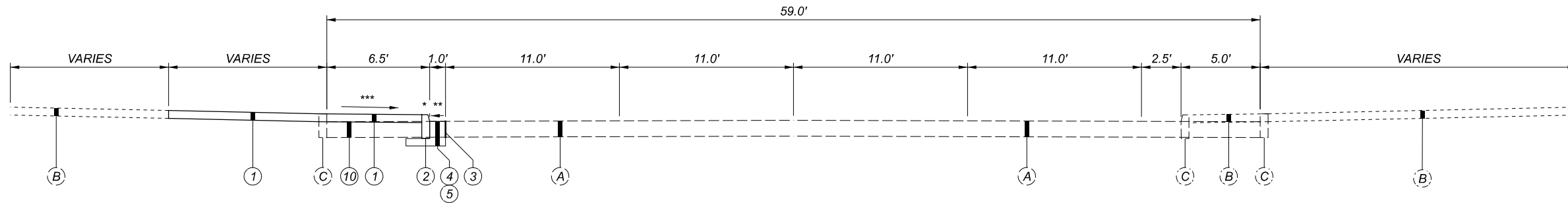
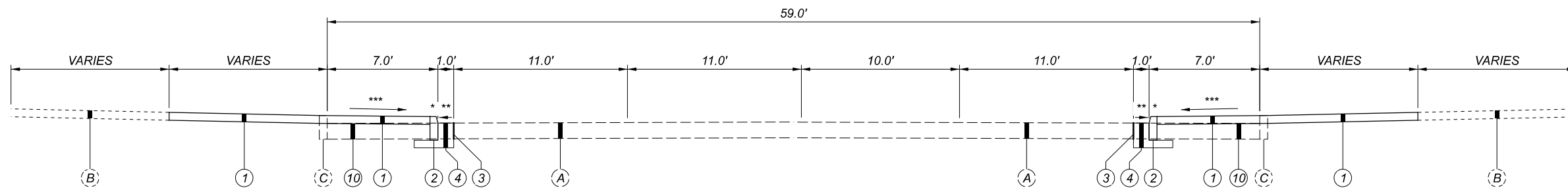
CONTROL POINTS			
NUMBER	NORTHING	EASTING	ELEVATION
CP 7	645759.9490	1492494.4080	741.22
CP 8	645780.1850	1492598.6400	741.17



SIGNING & STRIPING PLAN

ESTIMATED QUANTITIES																			
202	202	202	202	255	255	608	608	609	611	611	611	611	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 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	FT	FT	FT	FT
53	96	235	2	96	11	483	228	106	90	4	1	1	22	33	4	43	222	92	445



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 D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- 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 D-202 - PAVEMENT REMOVED
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB

* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM

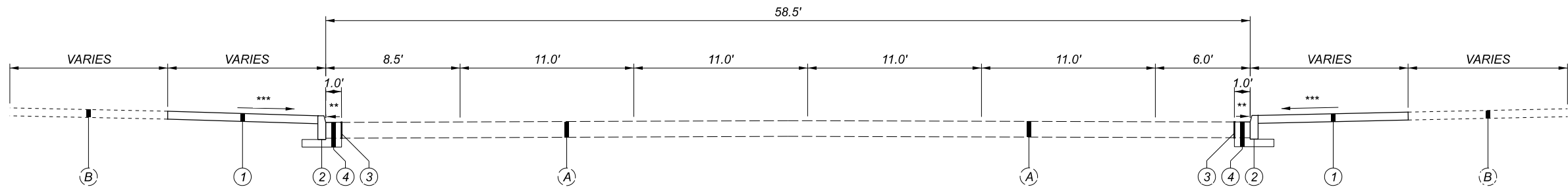
** - MATCH EXISTING GRADE

*** - GRADE TO GUTTER, MAX 2%

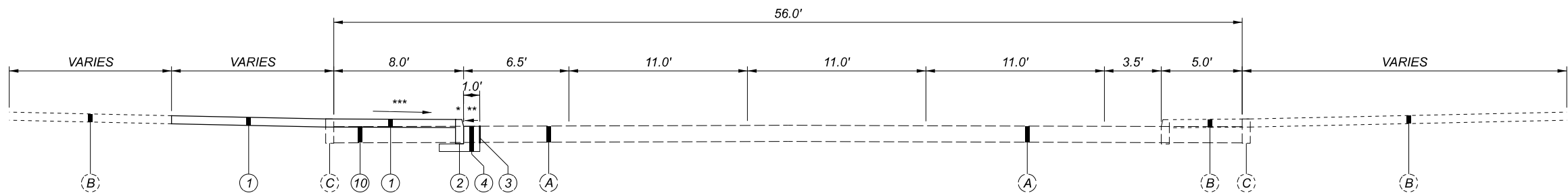
TYPICAL SECTION
W.2ND ST. AND N. LUDLOW ST.

DESIGN AGENCY
2LMN
2475 S. State Road, Suite 500
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(740) 687-5542 Phone
www.2LMN.com

DESIGNER	KAZ
REVIEWER	DES 11/02/20
PROJECT ID	113274
SHEET	TOTAL
P.21	36



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 D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- 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 255 - FULL DEPTH PAVEMENT SAWING
- (A) EXISTING PAVEMENT BUILD UP
- (B) EXISTING WALK
- (C) EXISTING CURB

* - CURB HEIGHT 6" TYPICAL, 3" MINIMUM

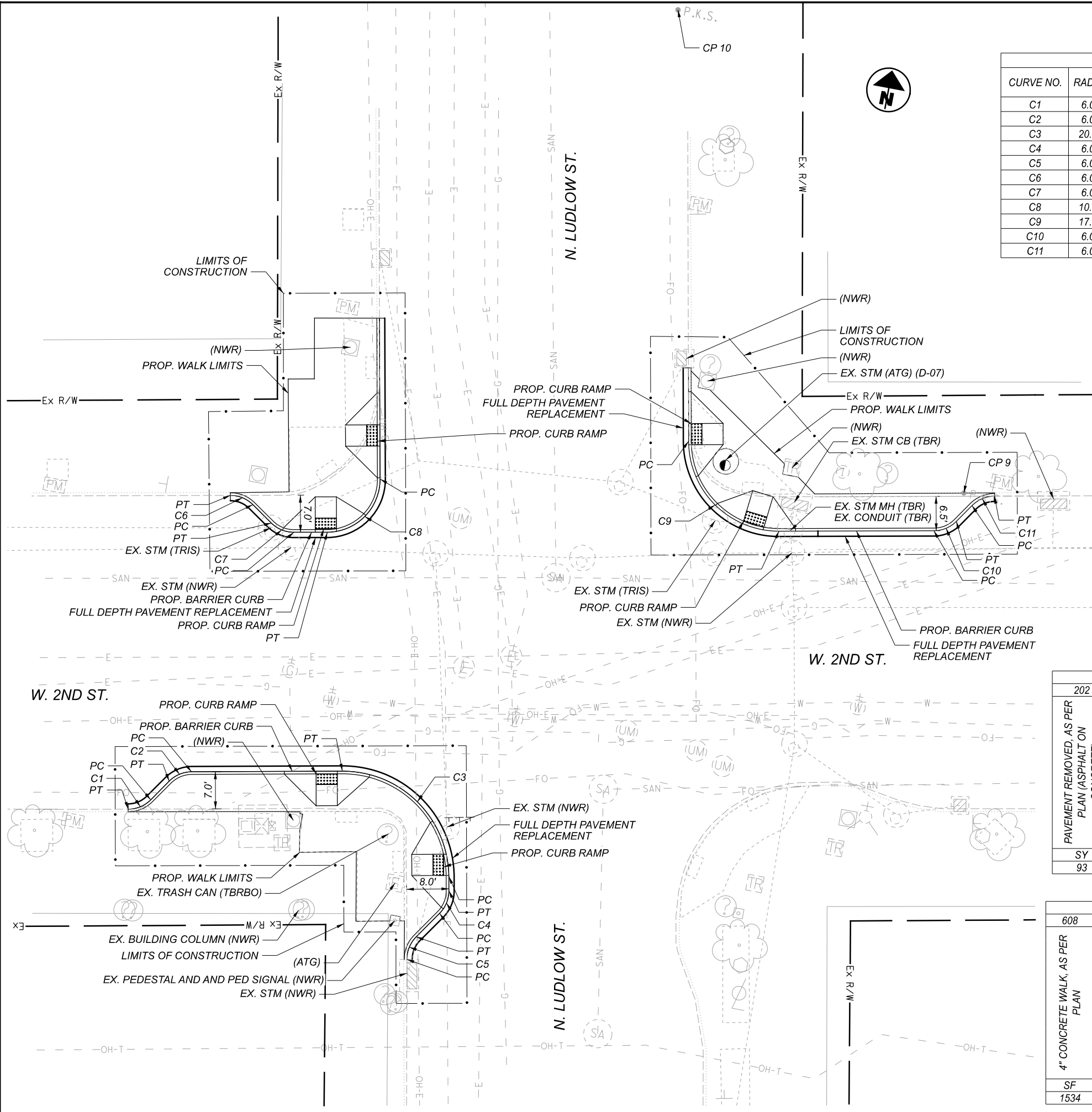
** - MATCH EXISTING GRADE

*** - GRADE TO GUTTER, MAX 2%

TYPICAL SECTION
W. 2ND ST. AND N. LUDLOW ST.

DESIGN AGENCY
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www.2LMN.com

DESIGNER	KAZ
REVIEWER	DES 11/02/20
PROJECT ID	113274
SHEET	P.22
TOTAL	36



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

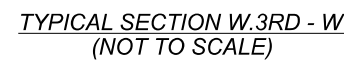
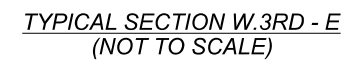
D-07
EX. MH (ATG)
RIM = 740.99

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	SY	FT	SF	EACH	EACH	FT	FT	SY	SY
93	20	209	901	1	1	20	254	4	24

ESTIMATED QUANTITIES											
608	608	609	611	625	630	644	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	SF	FT	EACH	EACH	EACH	FT	FT	FT	FT	FT	EACH
1534	369	243	1	1	2	523	106	411	40	578	1



DESIGN AGENCY 2LMN 2475 Sugar Grove Rd., SE Atlanta, GA 30328 (770) 687-5542 Phone www.2LMN.com	
DESIGNER	
KAZ	
REVIEWER	
DES	11/02/20
PROJECT ID	
113274	
SHEET	TOTAL
P.24	36



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.

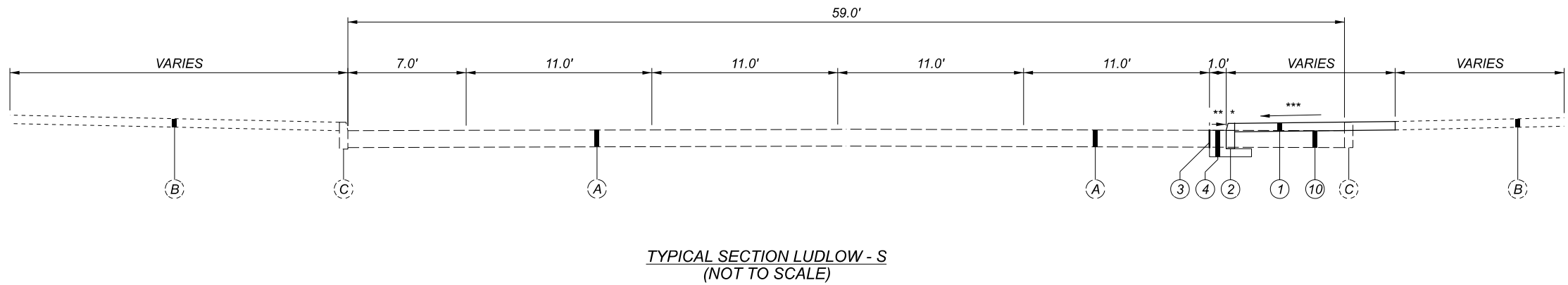
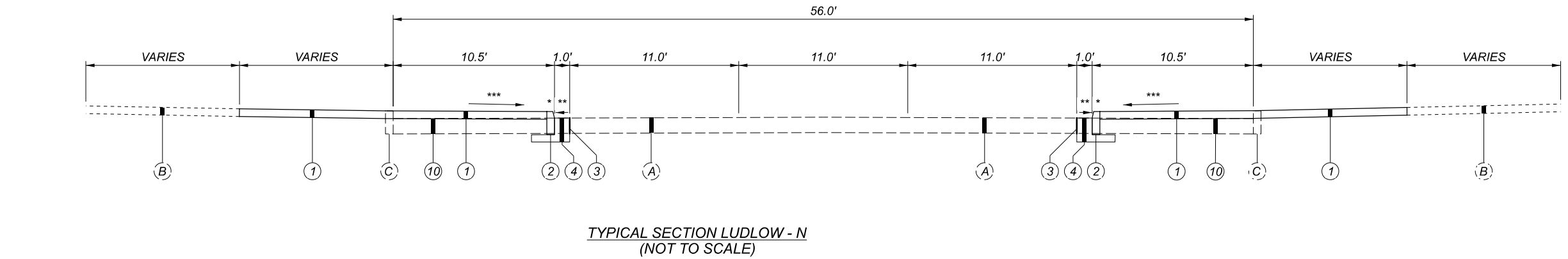
- ① ITEM D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑩ ITEM D-202 - PAVEMENT REMOVED

- (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%



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 D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- 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 D-202 - PAVEMENT REMOVED

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

DESIGN AGENCY

2LMN
2475 S. State Road, Suite 500
Lancaster, Ohio 43130
(740) 687-5542 Phone
www.2LMN.com

DESIGNER

KAZ

REVIEWER

DES 11/02/20

PROJECT ID

113274

SHEET TOTAL

P.26 36



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

D-15
EX. MH (ATG)
RIM = 740.58

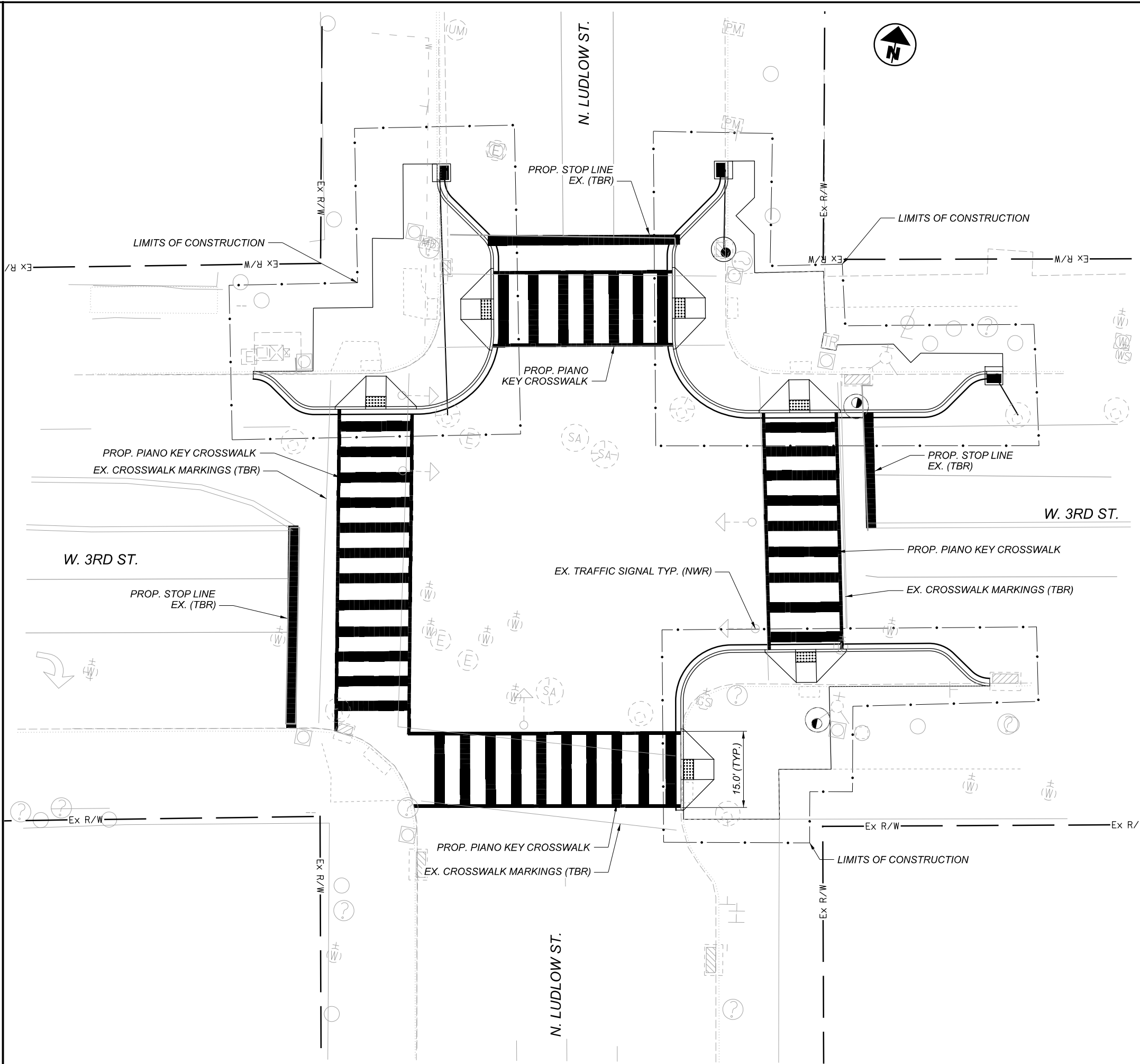
***-08 8" NORTH INVERT ELEVATION ESTIMATED
BASED ON ADJACENT STRUCTURE SURVEY.
CONTRACTOR SHALL VERIFY INVERT ELEVATION
AND TIE EXISTING 8" FROM THE NORTH INTO
PROPOSED CATCH BASIN. CORING OF THE
PROPOSED CB SIDEWALL MAY BE NECESSARY TO
FACILITATE THIS CONNECTION, AND SHALL BE
CONSIDERED INCIDENTAL TO THE PER EACH COST
OF THE CB.

DESIGN AGENCY

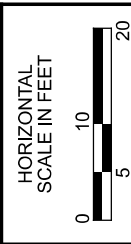
2LMN
2475 Sugar Grove Rd., SE
Lancaster, Ohio 43130
(740) 687-5542 Phone
www.2LMN.com

PROJECT ID
113274

SHEET	TOTAL
P.27	36



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



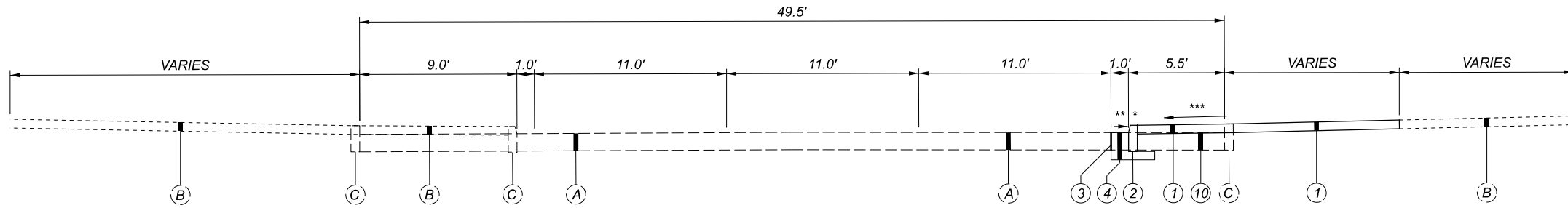
DESIGN AGENCY
2LMN
2475 S. State College Rd.
Lancaster, Ohio 43130
(740) 687-5542 Phone
www.2LMN.com

DESIGNER
KAZ

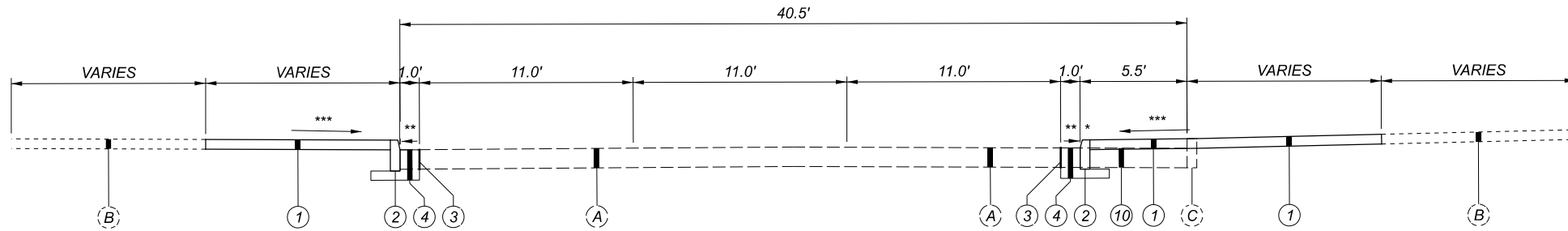
REVIEWER
DES 11/02/20

PROJECT ID
113274

SHEET TOTAL
P.28 36



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



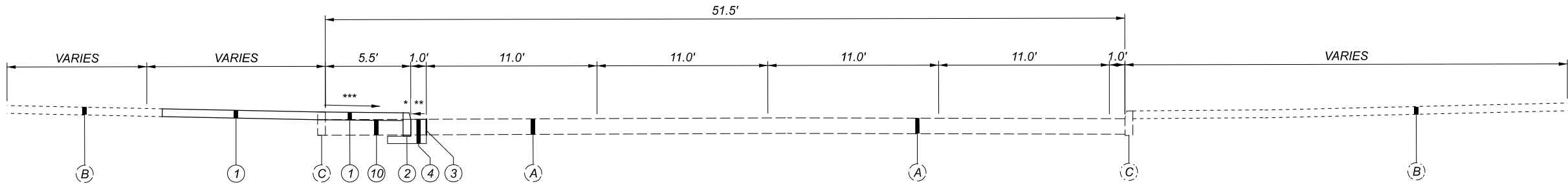
TYPICAL SECTION W.4TH - W
(NOT TO SCALE)

NOTES:

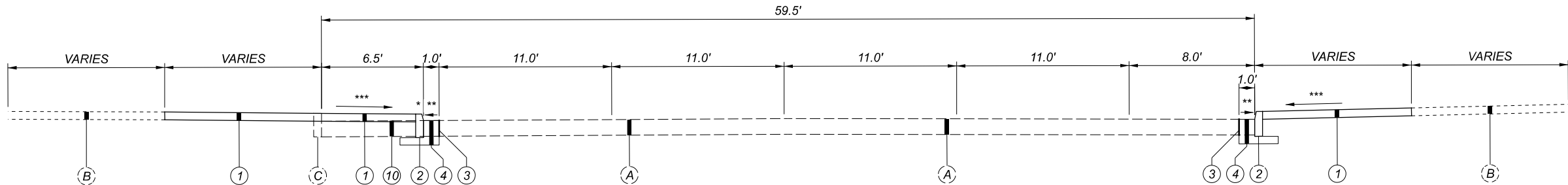
1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES PER ODOT SCD MT-95.31, MT-95.32 AND MT-95.60.
2. THE CONTRACTOR WILL ENSURE NEWLY CONSTRUCTED SIDEWALK AND CURB EXTENSIONS MAINTAIN POSITIVE DRAINAGE TOWARDS THE ROAD WITHOUT PONDING. PROPOSED CURB REVEAL MAY BE REDUCED IF NEEDED, AS PER DETAILS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

ITEM LEGEND

- ① ITEM D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- 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 D-202 - PAVEMENT REMOVED
- (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

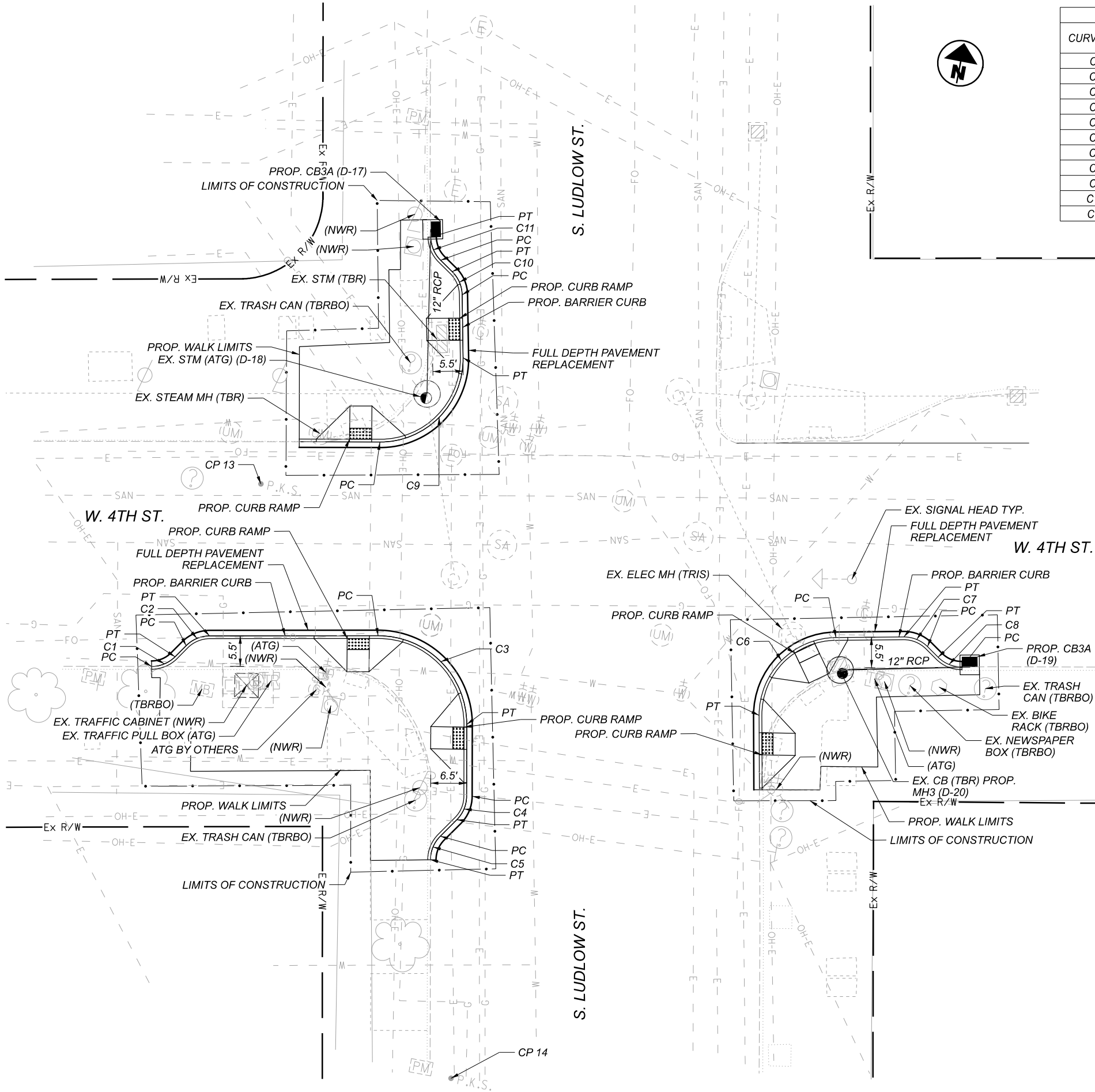
- ① ITEM D-608 - CONCRETE WALK, 4"
- ② ITEM D-609 - BARRIER CURB
- ③ ITEM 255 - FULL DEPTH PAVEMENT SAWING
- ④ ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC.: LOW STRENGTH MORTAR (TYPE 2)
- ⑩ ITEM D-202 - PAVEMENT REMOVED

- (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 LAYOUT DATA							
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

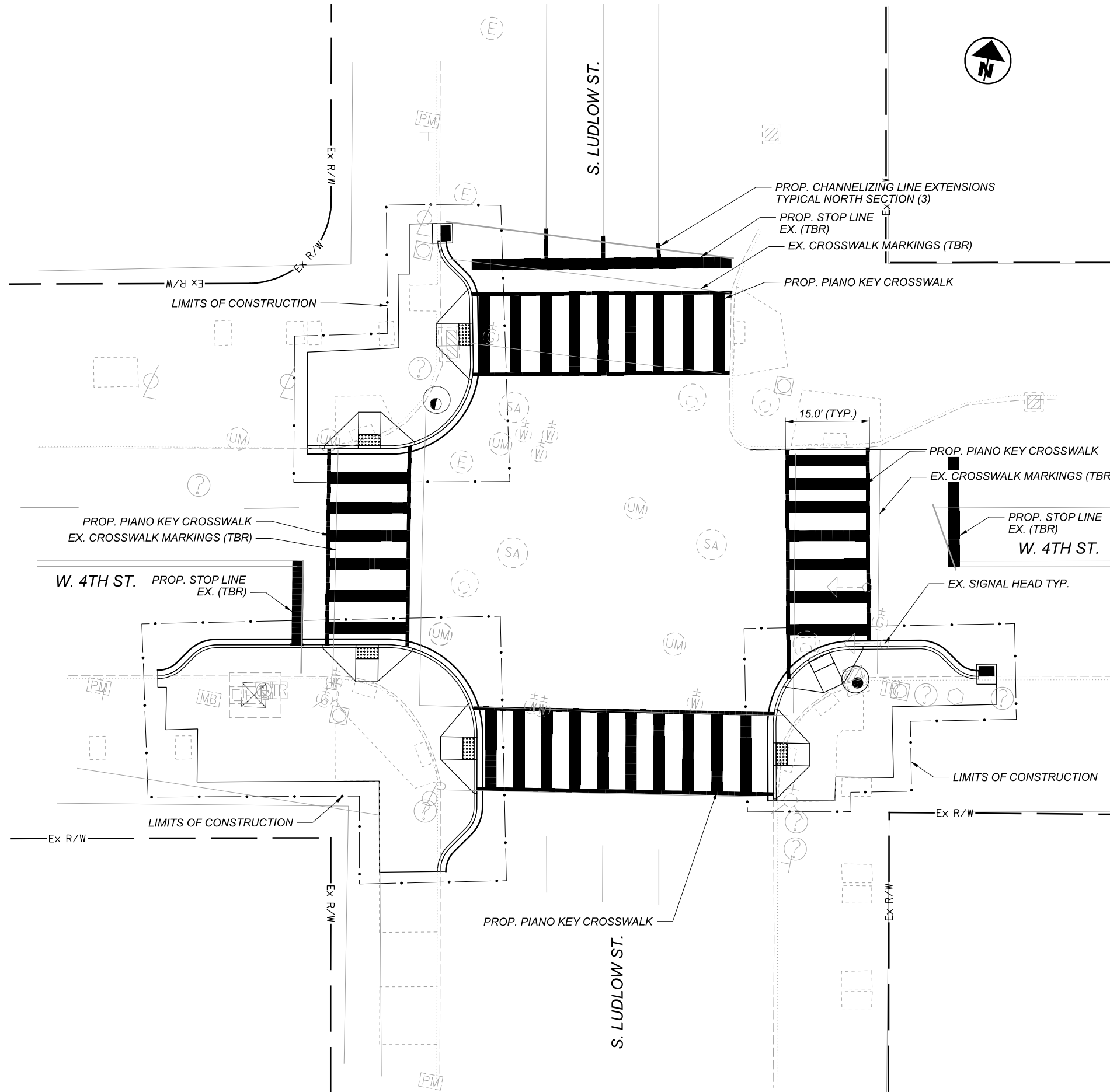
D-18
EX. MH (ATG)
RIM = 739.79

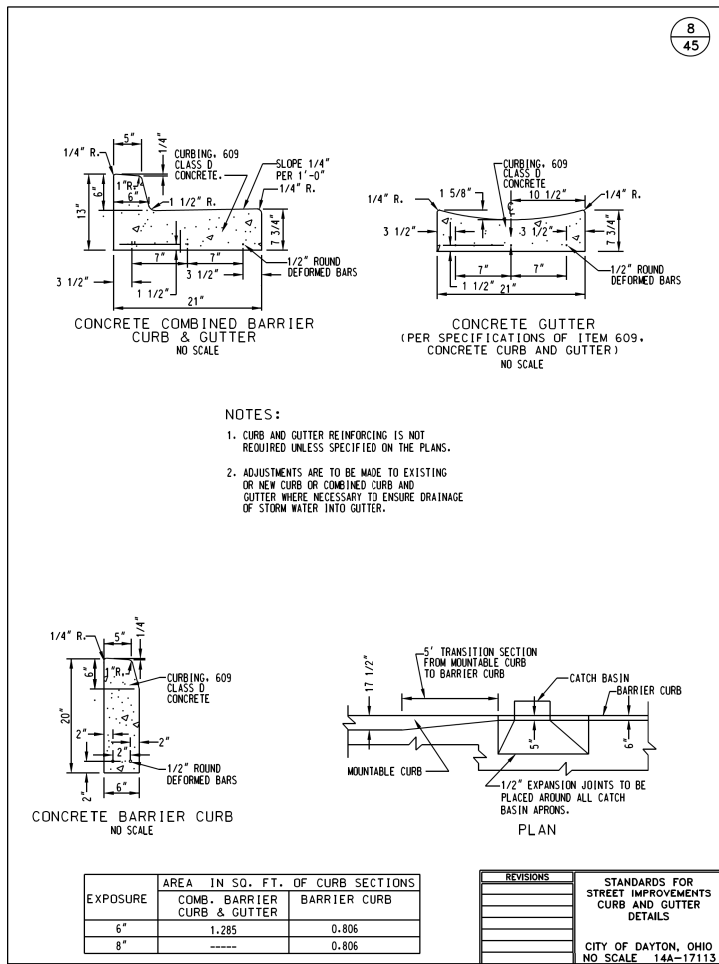
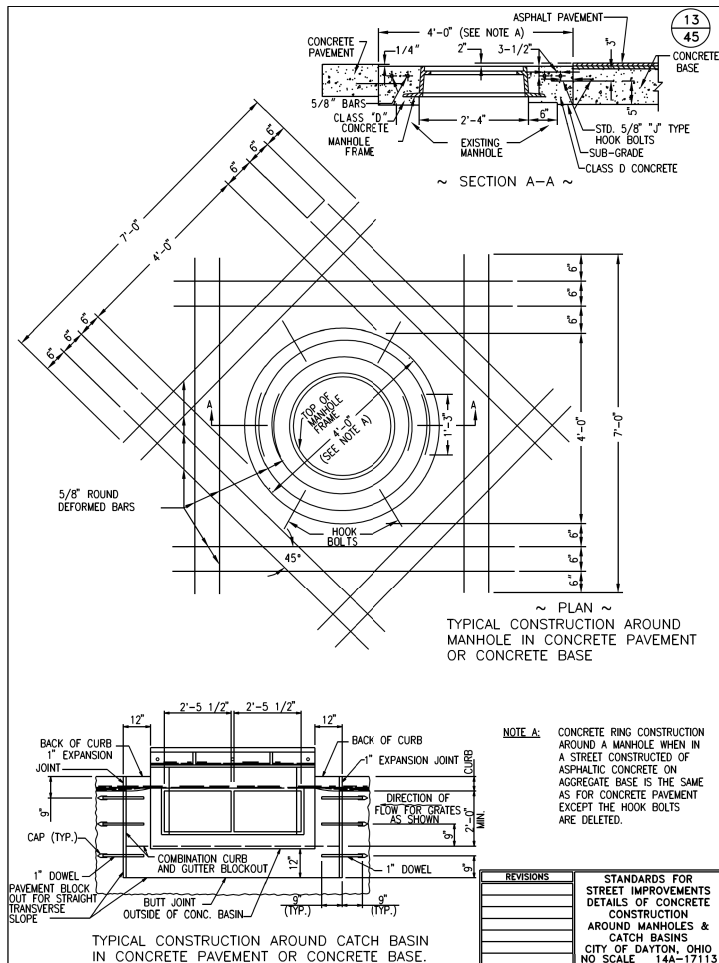
D-19
PROP. CB-3A
RIM = 738.97
INV 12" (W) = 736.16

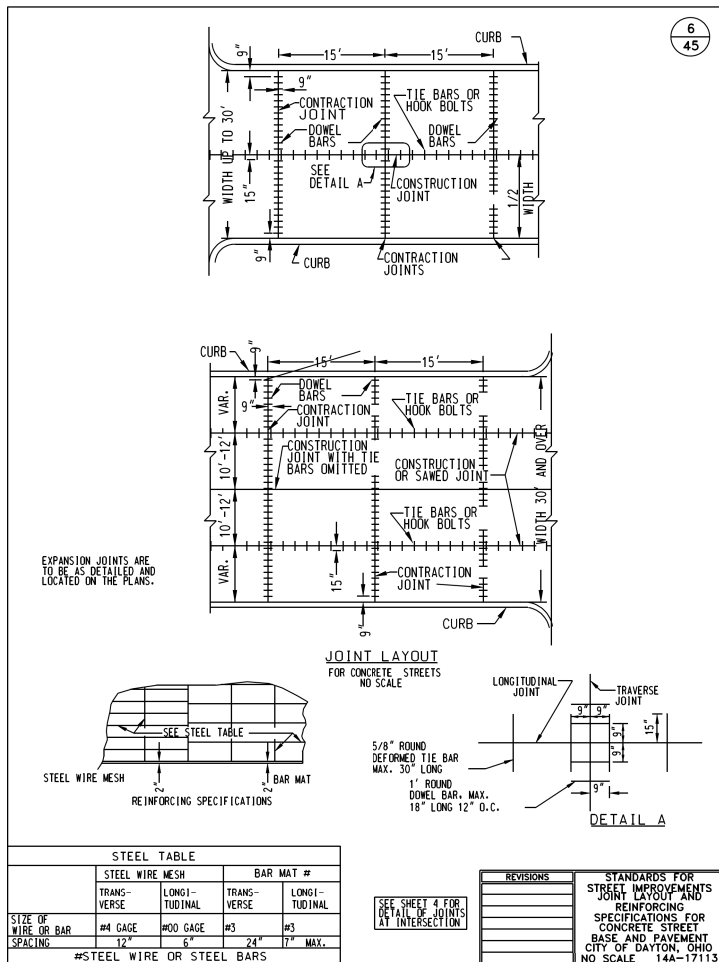
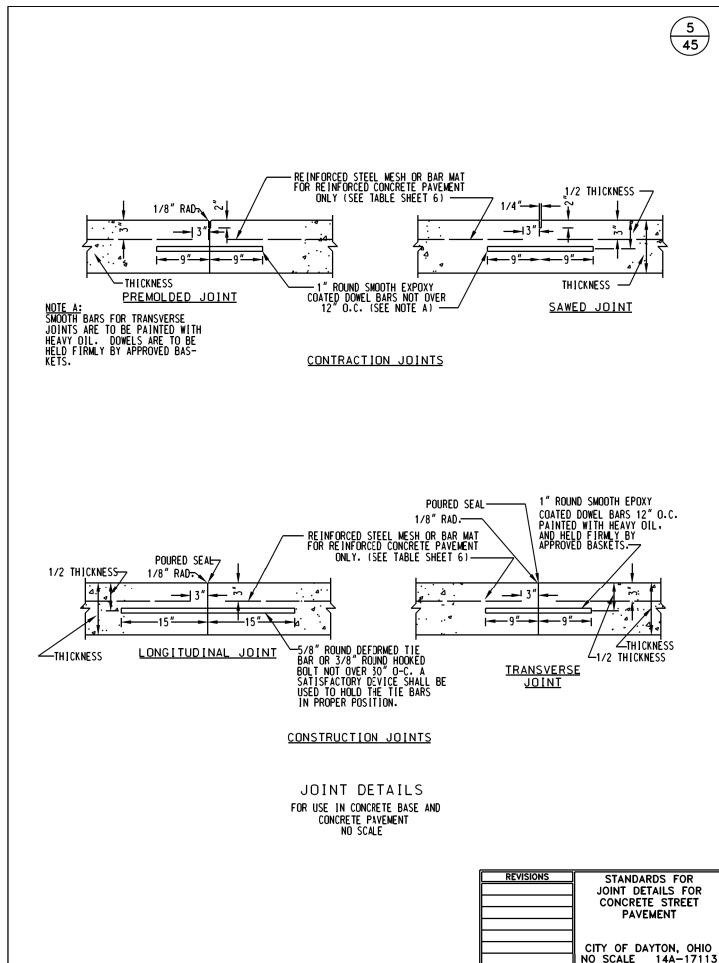
D-20
EX. CB (TBR)
EX. INV 12" (NW) = 736.04
PROP. MH-3
RIM = 739.24
INV 12" (NW & E) = 736.04

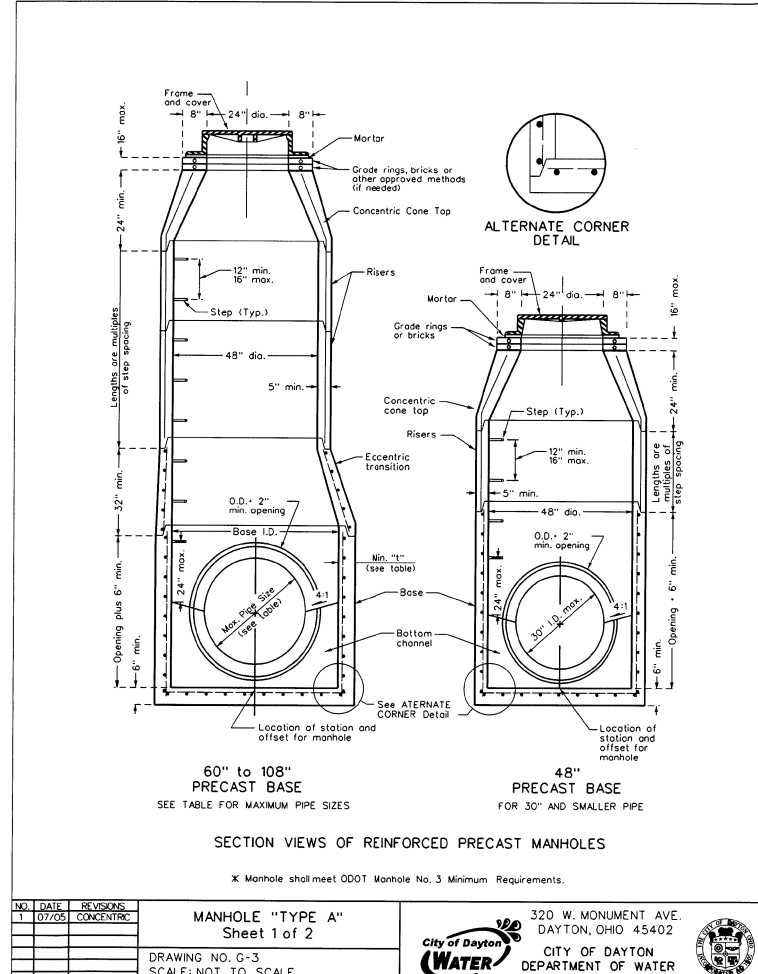
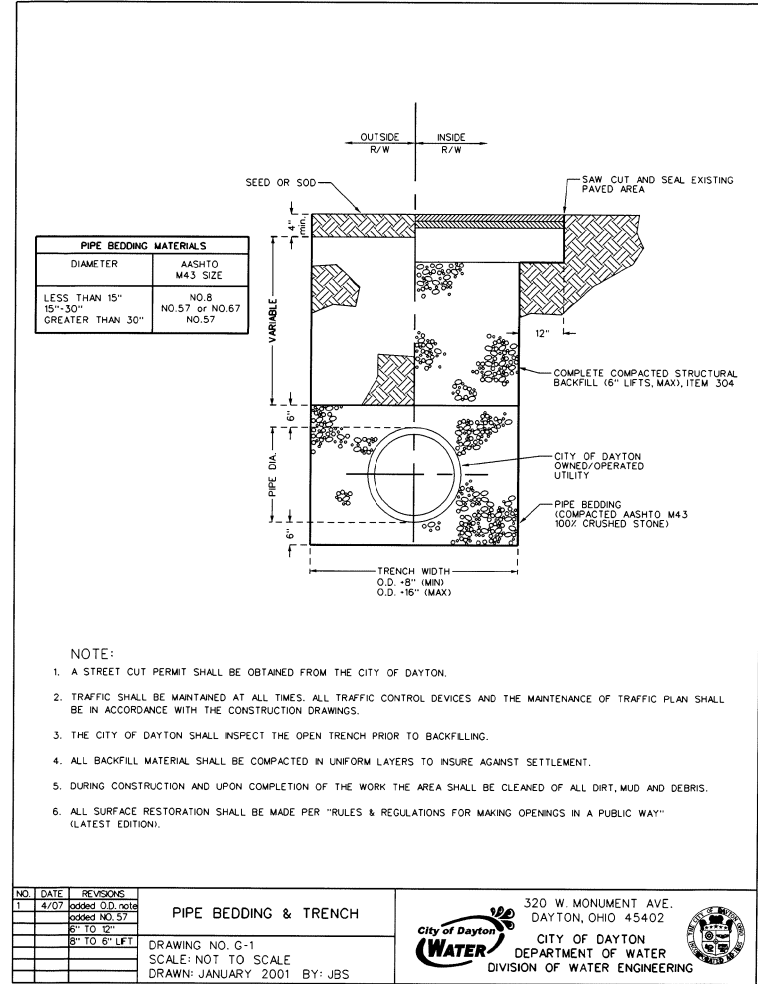
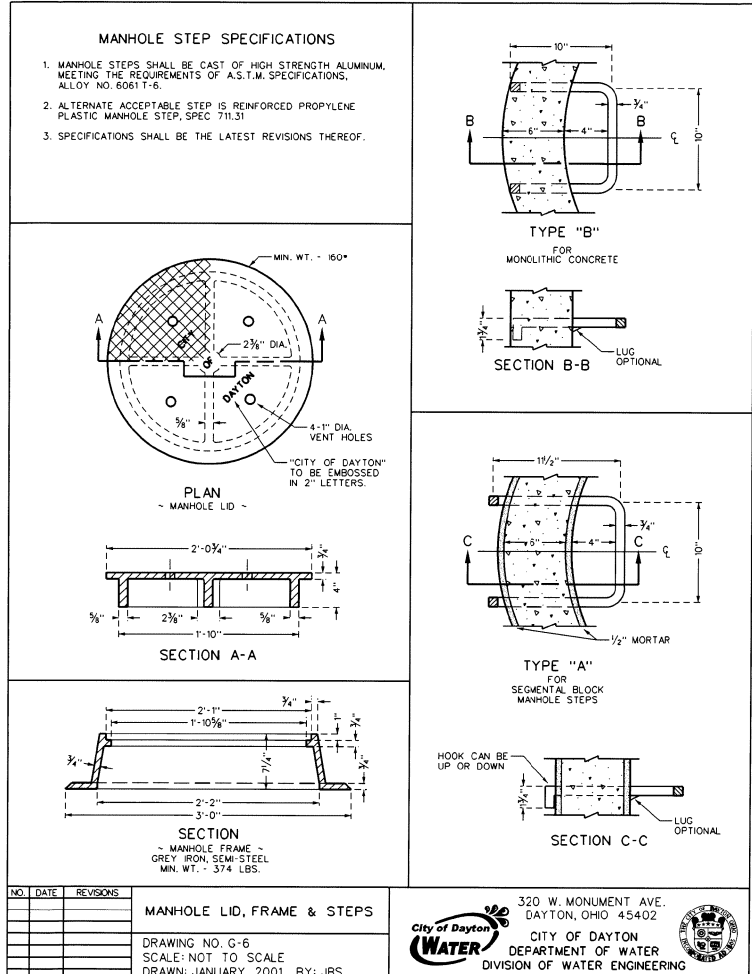
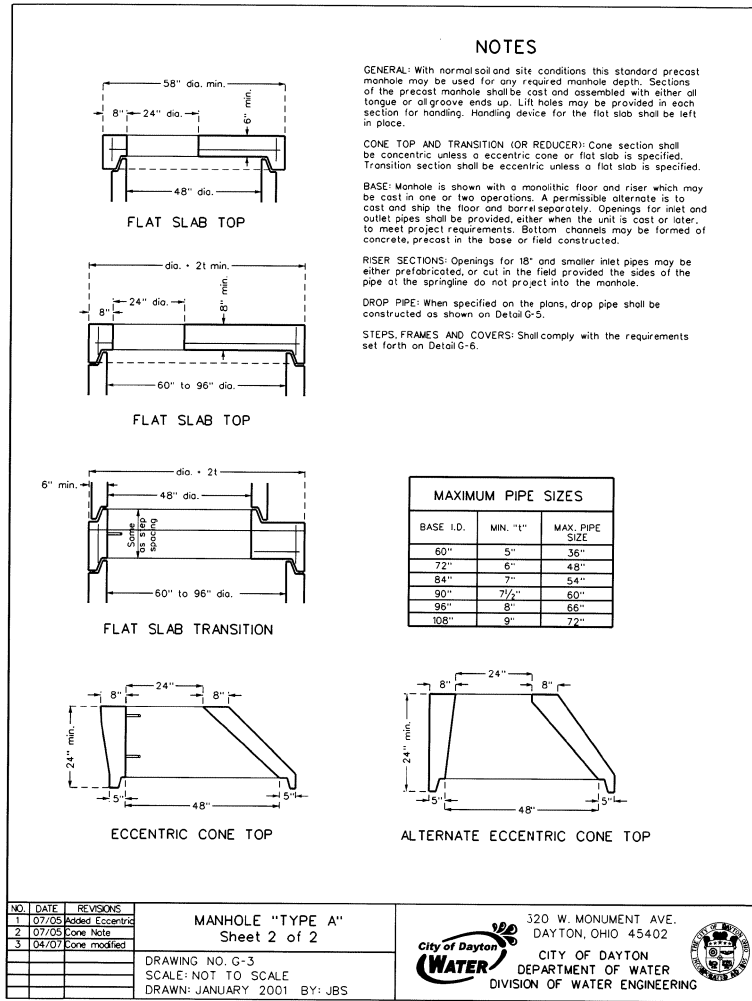
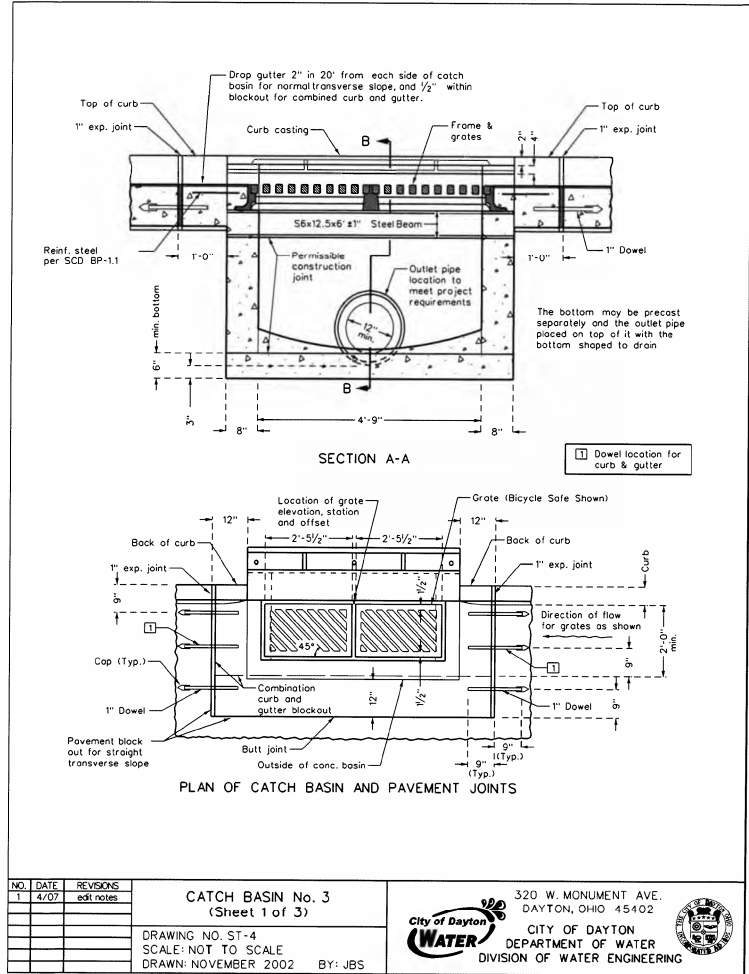
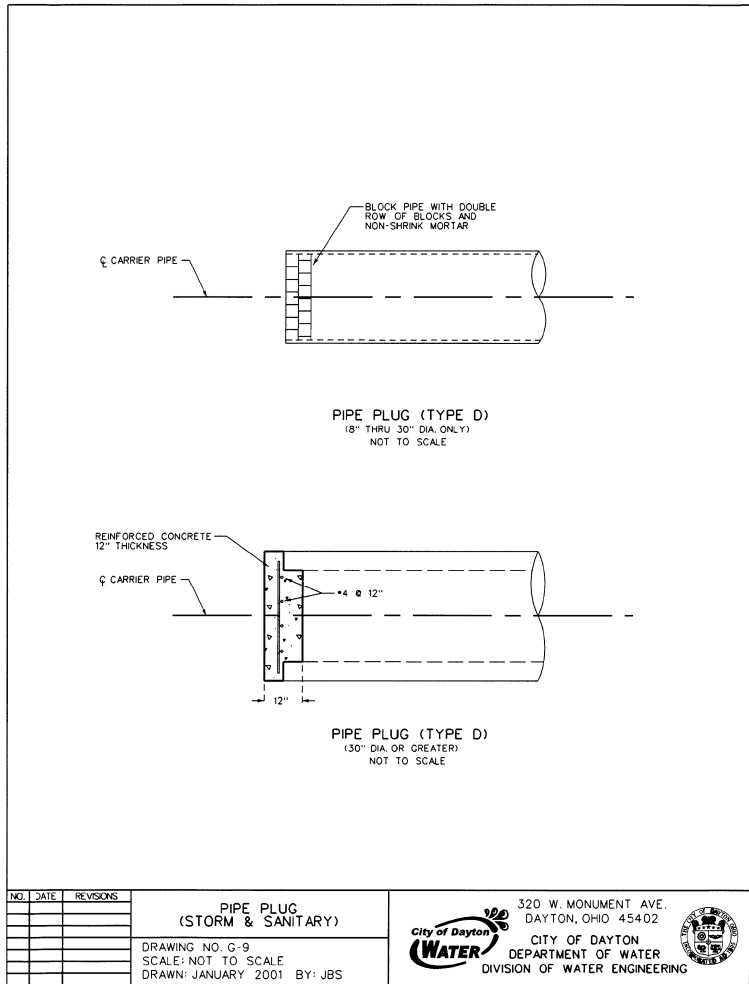
ESTIMATED QUANTITIES									
202	202	202	202	202	202	255	255	608	608
PAVEMENT REMOVED, AS PER PLAN (ASPHALT ON CONCRETE)	CURB REMOVED, AS PER PLAN	WALK REMOVED, AS PER PLAN	MANHOLE REMOVED, AS PER PLAN	CATCH BASIN REMOVED, AS PER PLAN	PIPE REMOVED, 24" AND UNDER, AS PER PLAN	FULL DEPTH PAVEMENT SAWING	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	366

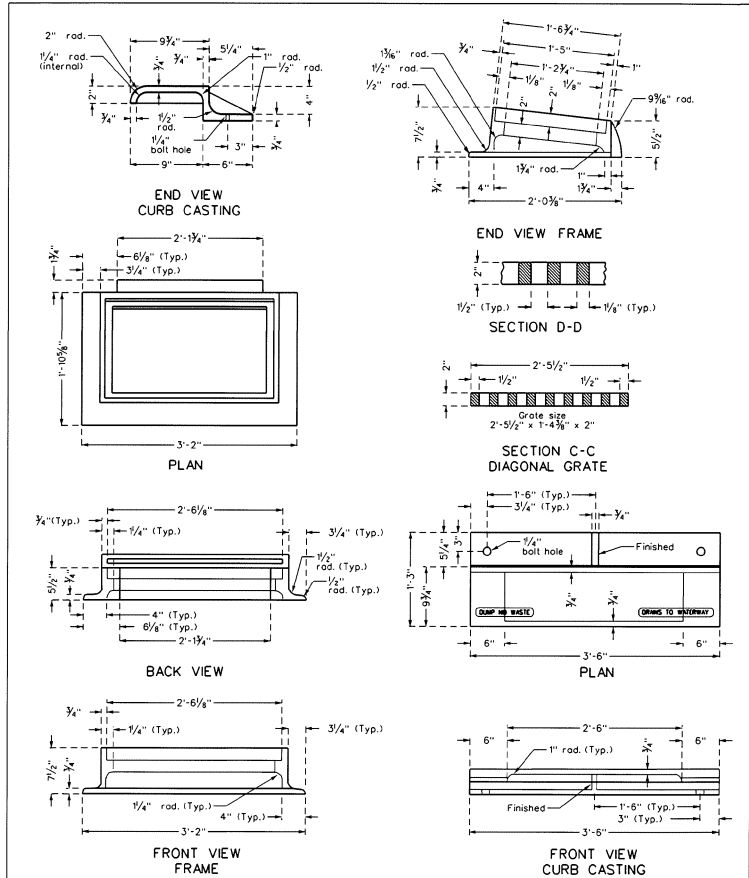
ESTIMATED QUANTITIES											
609	611	611	611	611	625	638	644	644	644	644	644
CURB, TYPE 6, AS PER PLAN	12" CONDUIT, TYPE B 706.02	CATCH BASIN, NO. 3A	MANHOLE, NO. 3	MANHOLE ADJUSTED TO GRADE	PULL BOX, MISC.: ADJUSTED TO GRADE	VALVE BOX ADJUSTED TO GRADE	PAVEMENT MARKING, MISC.: PIANO KEYS, 24"	STOP LINE, AS PER PLAN	CHANNELIZING LINE, 8", AS PER PLAN	CROSSWALK LINE, AS PER PLAN	REMOVAL OF PAVEMENT MARKING
FT	FT	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT
217	54	2	1	1	2	1	439	83	15	346	422













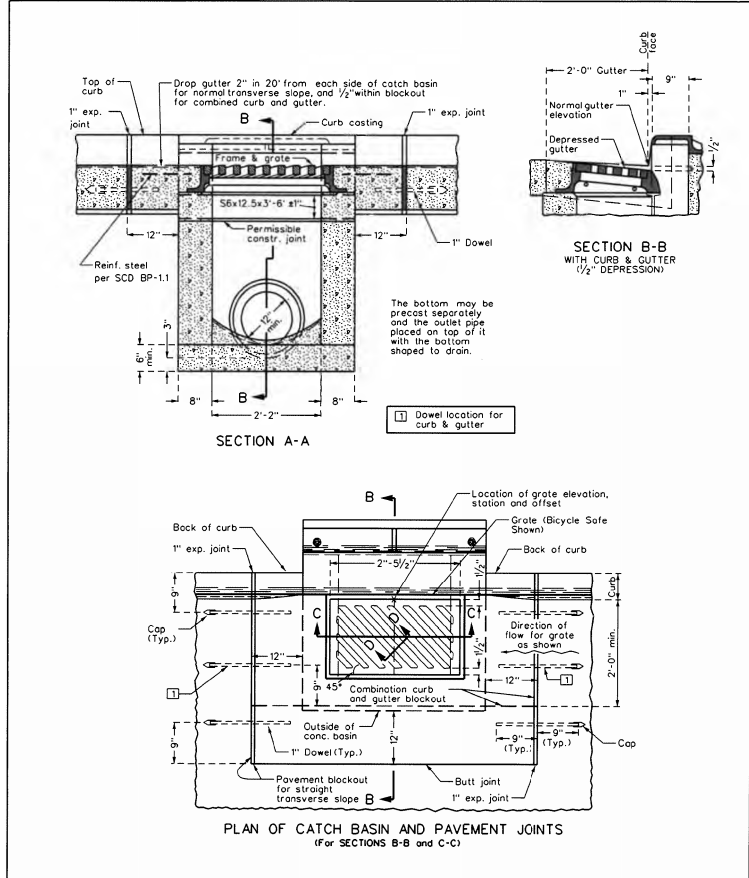
NO.	DATE	REVISIONS
1	4/07	add test note
2		
3		
4		
5		
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10		

CATCH BASIN No. 3A (Sheet 3 of 3)
DRAWING NO. ST-5 SCALE: NOT TO SCALE DRAWN: MAY 2002 BY: JBS




320 W. MONUMENT AVE.
DAYTON, OHIO 45402
CITY OF DAYTON
DEPARTMENT OF WATER
DIVISION OF WATER ENGINEERING






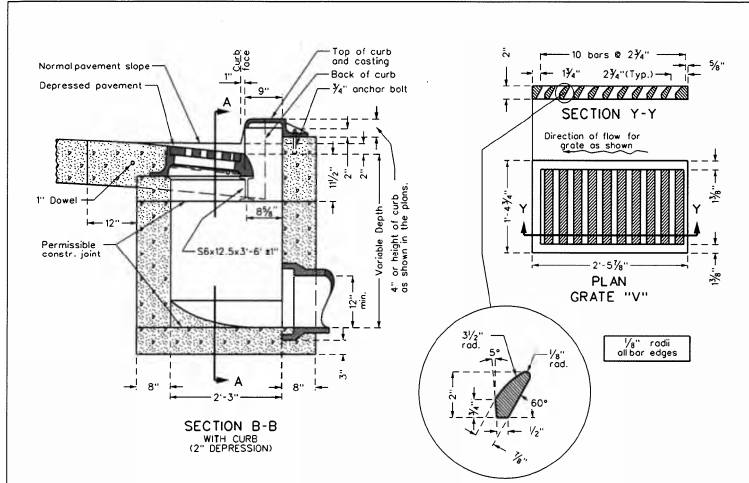
NO.	DATE	REVISIONS
1	4/07	add test note
2		
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10		

CATCH BASIN No. 3A (Sheet 1 of 3)
DRAWING NO. ST-5 SCALE: NOT TO SCALE DRAWN: MAY 2002 BY: JBS



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DAYTON, OHIO 45402
CITY OF DAYTON
DEPARTMENT OF WATER
DIVISION OF WATER ENGINEERING





NOTES

GRATE: The Grate "V" shall be provided unless the plans specifically require the diagonal grate. If the diagonal grate is specified, it shall be placed so that the diagonal bars direct drainage flow toward the curb.

If necessary, bicycle safe grates shall be specified in the plans. Bicycle safe grates shall be Neenah No. R-4859-C or East Jordan No. 5110 Type M2 or approved equals.

CASTINGS: The design shall be essentially the same and equally as strong as those shown.

Curb Casting 170 lbs.
Standard Grate 127 lbs.
Frame 320 lbs.
Grate "V" 105 lbs.

BEARING AREAS: The frame and grate shall be so fitted and finished as to provide a firm and even seat. No projections shall exist on bearing areas of either casting and the grate shall seat.

WALLS: When used in place of concrete, brick side walls shall be 8" nominal thickness.

PRECAST CONSTRUCTION: See ST-4 (Sheet 2 of 3).

MINIMUM DEPTH: The minimum depth is per the cover requirements for that pipe type.


OPENINGS: Pipe openings shall be the O.D. of the pipe being supplied plus 2" when fabricated or field cut. The interstitial space shall be filled with grout.

DOWELS: Four 1"x18" dowels are required for concrete pavement or gutter blackout.


TEXT: The Following text shall be cast into the top of the curb casting "DUMP NO WASTE" and "DRAINS TO WATERWAY" (see curb casting - plan on sheet 3 of 3).

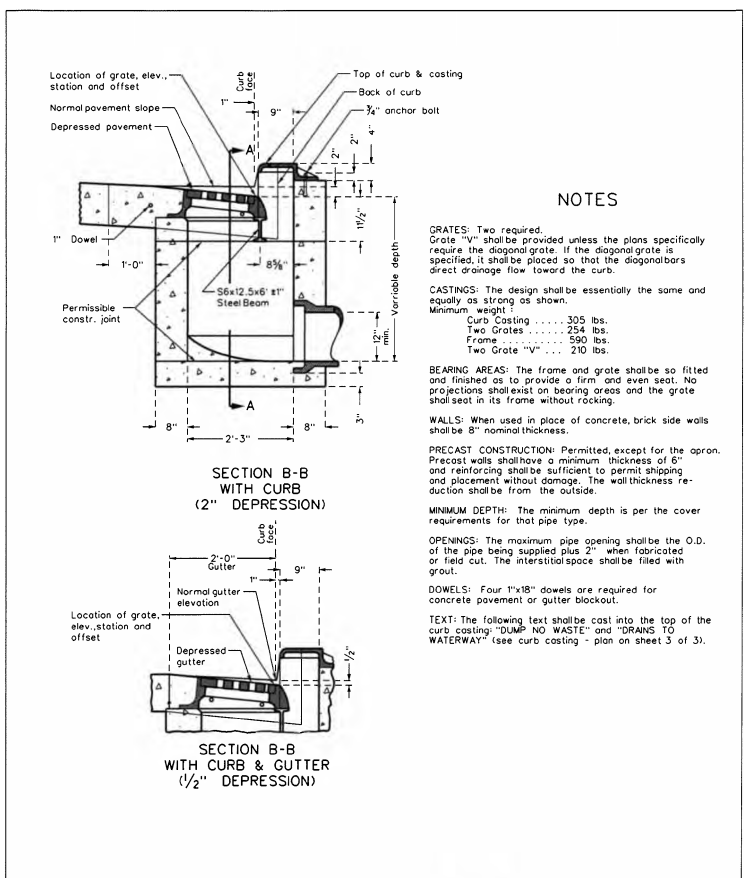
NO.	DATE	REVISIONS
1	4/07	add test note
2		
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CATCH BASIN No. 3A (Sheet 2 of 3)
DRAWING NO. ST-5 SCALE: NOT TO SCALE DRAWN: MAY 2002 BY: JBS




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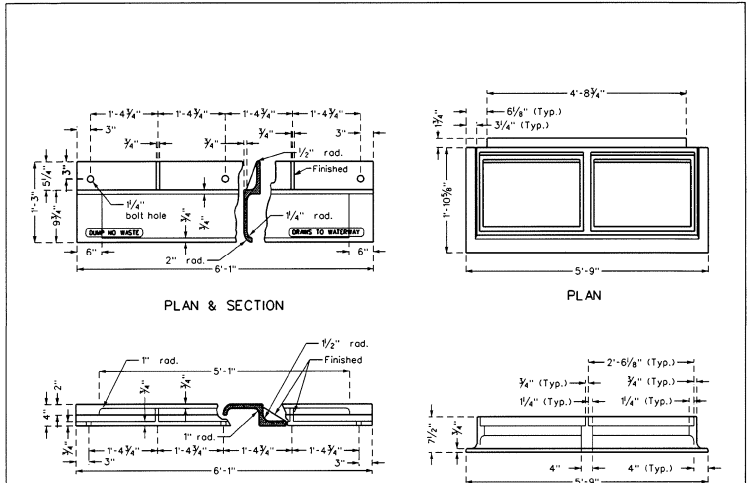
NO.	DATE	REVISIONS
1	4/07	add test note
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CATCH BASIN No. 3 (Sheet 2 of 3)
DRAWING NO. ST-4 SCALE: NOT TO SCALE DRAWN: NOVEMBER 2002 BY: JBS



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CITY OF DAYTON
DEPARTMENT OF WATER
DIVISION OF WATER ENGINEERING





NOTES

GRATE: The Grate "V" shall be provided unless the plans specifically require the diagonal grate. If the diagonal grate is specified, it shall be placed so that the diagonal bars direct drainage flow toward the curb.

If necessary, bicycle safe grates shall be specified in the plans. Bicycle safe grates shall be Neenah No. R-4859-C or East Jordan No. 5110 Type M2 or approved equals.

CASTINGS: The design shall be essentially the same and equally as strong as those shown.

Curb Casting 170 lbs.
Standard Grate 127 lbs.
Frame 320 lbs.
Grate "V" 105 lbs.

BEARING AREAS: The frame and grate shall be so fitted and finished as to provide a firm and even seat. No projections shall exist on bearing areas of either casting and the grate shall seat.

WALLS: When used in place of concrete, brick side walls shall be 8" nominal thickness.

PRECAST CONSTRUCTION: See ST-4 (Sheet 2 of 3).

MINIMUM DEPTH: The minimum depth is per the cover requirements for that pipe type.


OPENINGS: Pipe openings shall be the O.D. of the pipe being supplied plus 2" when fabricated or field cut. The interstitial space shall be filled with grout.

DOWELS: Four 1"x18" dowels are required for concrete pavement or gutter blackout.

TEXT: The Following text shall be cast into the top of the curb casting "DUMP NO WASTE" and "DRAINS TO WATERWAY" (see curb casting - plan on sheet 3 of 3).

NO.	DATE	REVISIONS
1	4/07	add test note
2		
3		
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7		
8		
9		
10		

CATCH BASIN No. 3 (Sheet 3 of 3)
DRAWING NO. ST-4 SCALE: NOT TO SCALE DRAWN: NOVEMBER 2002 BY: JBS



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DEPARTMENT OF WATER
DIVISION OF WATER ENGINEERING

