

SOM CENTER RD. SIDEWALK WILLOUGHBY, OH LAKE COUNTY

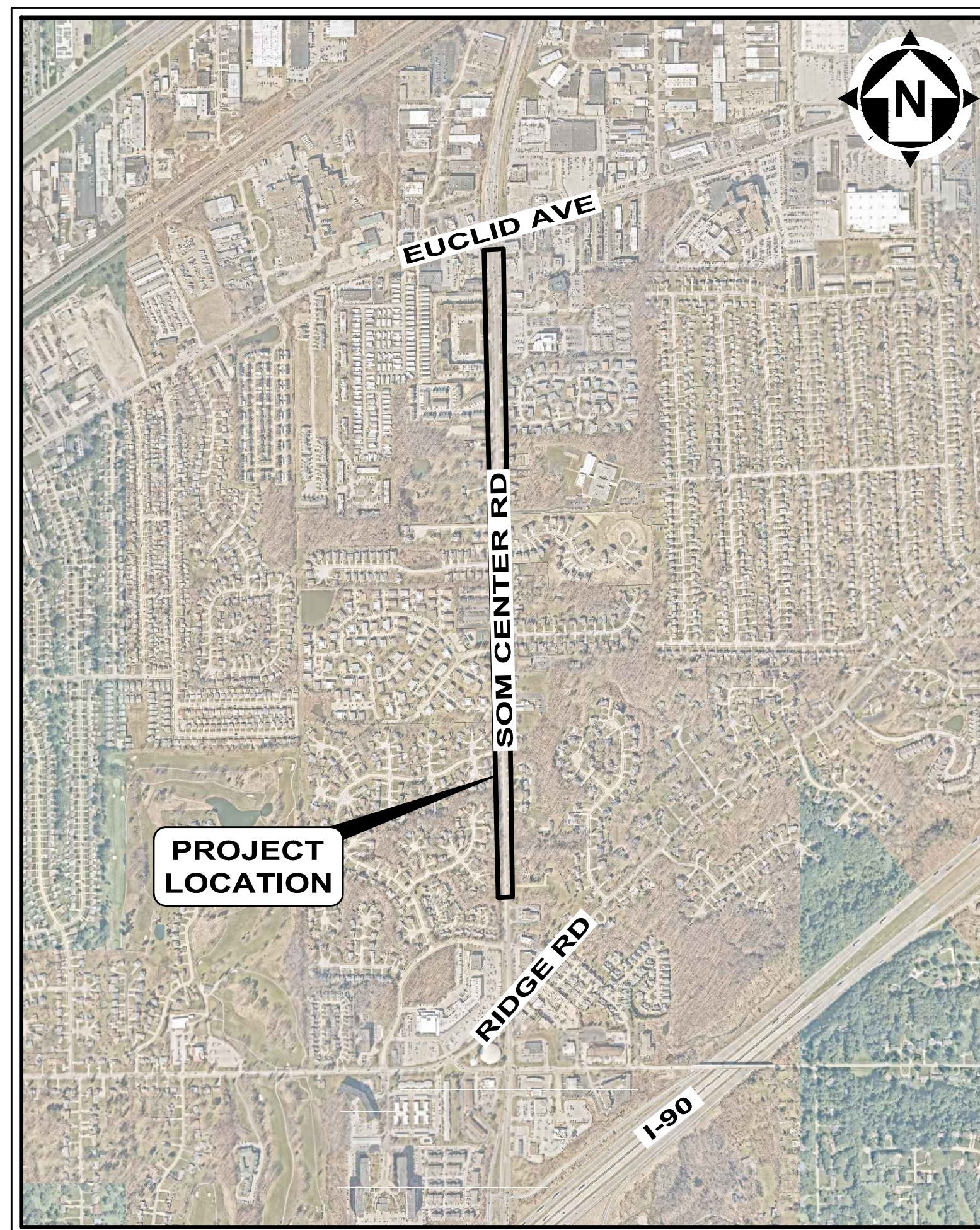
MAY, 2024

CITY OFFICIALS:

ROBERT A. FIALA MAYOR
 RICH PALMISANO SERVICE DIRECTOR
 MICHAEL LUCAS LAW DIRECTOR
 CHER HOFFMAN FINANCE DIRECTOR
 LARRY PUSKAS BUILDING COMMISSIONER
 JUDEAN BANKER PARKS & RECREATION DIRECTOR
 JAMES SCHULTZ POLICE CHIEF
 TODD UNGAR FIRE CHIEF
 TIM LANNON, P.E. CITY ENGINEER

CITY OFFICIALS:

ROBERT CARRCOUNCIL PRESIDENT & WARD 4
 JOHN TOMASELLIVICE PRESIDENT & WARD 3
 KRISTIE SIEVERS WARD 1
 KEN KARY WARD 2
 MIKE MERHAR WARD 5
 DANIEL GARRY WARD 6
 DANIEL ANDERSON COUNCIL-AT-LARGE
 ALISA NOVAK CLERK OF COUNCIL



LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS

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26-27	EROSION & SEDIMENT CONTROL PLAN



1. THE SURVEY SHOWN ON THESE PLANS WAS OBSERVED IN THE FIELD FOR CONSTRUCTION PURPOSES ONLY AND MAY NOT BE SUITABLE FOR PROPERTY LINE SURVEYS OR ANY OTHER PURPOSE.
2. UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
3. THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.



ENGINEER'S PROJECT No. 23013505

George M. Stevens
 GEORGE M. STEVENS
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF OHIO
 GEORGE M. STEVENS
 E-86166

05/21/2024
 DATE

P.E. No. 86166

GENERAL NOTES

1. UNLESS SPECIFICALLY SET FORTH HEREIN, ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS...

MATERIALS AND SPECIFICATIONS

UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW, AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF PREMIUM QUALITY...

ALL ITEMS AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER AND OWNER...

ANY ITEMS OF LABOR AND MATERIALS REQUIRED BUT NOT SHOWN AS A SEPARATE PAY ITEM IN THE PROPOSAL SHALL BE FURNISHED AND INSTALLED AS INCIDENTAL TO THE CONTRACT...

TESTING

THE CONTRACTOR SHALL INCLUDE THE COST OF ALL REQUIRED TESTS IN THE UNIT PRICE BID FOR THE PERTINENT ITEM AND NO SEPARATE COMPENSATION IS TO BE MADE FOR SAID TESTING.

CITY OWNED TRAFFIC SIGNS, POSTS, SIGNALS, AND POLES

TRAFFIC SIGNS, POSTS, SIGNAL EQUIPMENT AND POLES THAT ARE NOT INTENDED TO BE REUSED SHALL BE CAREFULLY REMOVED, CLEANED AND DELIVERED TO THE CITY MAINTENANCE GARAGE...

RESPONSIBILITY

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM THEIR WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FEATURE...

THE CONTRACTOR SHALL EXERCISE DUE CARE DURING CONSTRUCTION SO AS NOT TO DESTROY ANY TREES, PLANTS, SHRUBS OR STRUCTURES OUTSIDE OF THE INDICATED WORK LIMITS...

IN SOME INSTANCES, THE CONTRACTOR WILL BE REQUIRED TO EXCAVATE UNDER AND AROUND THE EXISTING UTILITIES. EXTREME CARE SHOULD BE USED NOT TO DAMAGE THE UTILITY DURING THIS OPERATION.

STORM WATER POLLUTION, EROSION CONTROL AND DUST CONTROL

THE CONTRACTOR SHALL TAKE EXTREME CARE AND UTILIZE BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION DURING THE PROJECT AND TO PREVENT UNNECESSARY EROSION AND SILTATION AT ALL POINTS OF THE PROJECT...

DUST SHALL BE KEPT TO A MINIMUM. COST OF EQUIPMENT, WATER, LABOR AND MATERIAL, ETC. REQUIRED TO PERFORM DUST CONTROL SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.

GENERAL NOTES

COORDINATION WITH OTHER CONTRACTORS

OTHER CONTRACTORS AND/OR UTILITY COMPANIES MAY BE WORKING IN THIS AREA CONCURRENT WITH THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH ALL OTHER CONTRACTORS IN THE AREA.

DOWN TIME DUE TO FIELD CONFLICTS

DURING THE CONSTRUCTION ACTIVITIES OF THIS PROJECT, THERE MAY BE TIMES WHEN THE CONSTRUCTION IN SOME AREAS MAY NEED TO BE SUSPENDED PENDING RESPONSE ON, OR RESOLUTION TO AN ISSUE FROM THE OWNER AND/OR ENGINEER...

SAW CUTTING EXISTING PAVEMENT ALL EXISTING PAVEMENT SHALL BE SAW CUT BEFORE REMOVAL TO OBTAIN A UNIFORM EDGE. THE COST OF SAW CUTTING AND PAVEMENT REMOVAL SHALL BE INCIDENTAL TO ITEM 203, EXCAVATION, AS PER PLAN.

UTILITY NOTES

- 1. THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.)...

WITHIN 10 DAYS OF THE AWARD OF THE CONTRACT, THE OWNER SHALL NOTIFY ALL UTILITIES OF THE NAME, ADDRESS AND PHONE NUMBER OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE AND NON-MEMBER OWNERS OF THE STARTING DATE AT LEAST TWO WORKING DAYS PRIOR TO STARTING WORK...

DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE OWNERS OF THE UNDERGROUND FACILITIES ANY BREAK OR LEAK IN THE FACILITIES, OR ANY DENT, GOUGE, GROOVE OR OTHER DAMAGE. THE CONTRACTOR SHALL NOTIFY NEARBY OCCUPANTS OF ANY EMERGENCY SITUATION THAT MAY ARISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY ACTIVITIES AND SCHEDULES.

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

Table with utility names (ELECTRIC, GAS, TELEPHONE, SEWER, CABLE TV) and contact information (addresses, phone numbers, emails).

CONNECTIONS

EXISTING ROOF DRAINS, FOOTER DRAINS OR YARD DRAINS DISTURBED BY THE PROPOSED WORK SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING TO A STORM SEWER, MANHOLE, CATCH BASIN, AS DIRECTED BY THE OWNER / ENGINEER.

THE LOCATION, TYPE, SIZE AND GRADE OF REQUIRED REPLACEMENTS WILL BE DETERMINED BY THE FIELD INSPECTOR DURING CONSTRUCTION.

MANHOLES, CATCH BASINS AND INLETS

ALL CASTINGS FOR MANHOLES, CATCH BASINS AND INLETS SHALL CONFORM TO THOSE SPECIFIED IN THE STANDARD CONSTRUCTION DRAWINGS. ALL CASTINGS WHICH MIGHT BE SUBJECT TO VEHICLE TRAFFIC SHALL BE OF THE HEAVY DUTY GRADE. GRATED INLET TOPS SHALL BE PLACED AS SPECIFIED ON THE PLANS.

TOP OF CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE OWNER / ENGINEER. ALL MANHOLES WITHIN WALK AREA SHALL HAVE A FLAT FLUSH COVER. ALL CASTINGS USED SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE OWNER / ENGINEER. CONTRACTOR SHALL ENSURE ALL EXISTING MANHOLE LIDS ARE FREE OF ASPHALT MATERIAL AFTER PAVING AND ARE ABLE TO BE OPENED. IF ANY ASPHALT MATERIAL REMAINS ON THE LIDS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AT THE CONTRACTOR'S EXPENSE.

STORM & SANITARY NOTES

CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STORM AND SANITARY SEWER FLOW THROUGHOUT THE PROJECT. FOR THE DURATION OF CONSTRUCTION, ALL COST FOR THE ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY OF SPRINGDALE, THE CONTRACTOR WITH THE OWNER AND ENGINEER OR FIELD INSPECTOR SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK...

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 CITY.

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 CITY.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED * AS DIRECTED BY THE ENGINEER* UNLESS AUTHORIZED BY THE OWNER / ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE FIELD INSPECTOR'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

TYPICAL DRIVE APRON

THIS ITEMS SHALL CONSIST OF INSTALLING A DRIVEWAY APRON PER THE PROVIDED DETAILS. THE UNIT SHALL INCLUDE EXCAVATION, COMPACTION, FORM WORK AND CONSTRUCTION JOINTING PER THE DETAIL.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND THE PUBLIC WORKS OFFICE WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPE ITEMS WILL BE MADE CONFINE ALL ACTIVITIES, EQUIPMENT, STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS...

MAINTENANCE OF TRAFFIC NOTES

ITEM 614. MAINTAINING TRAFFIC

THE MAINTENANCE OF TRAFFIC PROCEDURES SHALL MEET THE REQUIREMENTS AS INDICATED IN THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", CURRENT EDITION, THE PROPOSAL, THE SPECIFICATIONS, AND THESE PLANS. ANY VARIANCE FROM THESE REQUIREMENTS SHALL BE APPROVED IN ADVANCE BY THE ENGINEER IN WRITING.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL TRAFFIC (ACCESS TO RESIDENCES WITHIN CONSTRUCTION LIMITS) AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SIGN, WARNING LIGHTS, BARRICADES, OR OTHER NECESSARY DEVICES MAKE THE SITE SAFE TO THE TRAVELING PUBLIC.

SPECIFIC ATTENTION WILL BE DIRECTED TOWARD THE PROPER USE OF FLAGGERS, LIGHTS, DRUMS, AND TEMPORARY PAVEMENT MARKINGS. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY SIGNS, AND PROVIDE TEMPORARY STRIPING. ALL WORK ZONES SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM CONTROL DEVICES. THE CONTRACTOR SHALL ALSO PROVIDE ALL PLATING, TEMPORARY PAVEMENT, TEMPORARY PAVEMENT MARKINGS, AND TRAFFIC CONTROL MEASURES NECESSARY TO MAINTAIN TRAFFIC. THE COST OF ALL TEMPORARY TRAFFIC CONTROL ITEMS NECESSARY TO SAFELY MAINTAIN TRAFFIC SHALL BE INCLUDED WITH PAYMENT FOR ITEM 614 MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC NOTES

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A. BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND ENGINEER THE NAMES AND TELEPHONE NUMBERS OF PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY THE CITY OF SPRINGFIELD AND ALL INTERESTED POLICE AGENCIES. THESE PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES TO MAINTAIN THE TRAVELED PAVEMENT SAFELY.

B. TRAFFIC SHALL BE MAINTAINED AT ALL INTERSECTIONS AND DRIVES AT ALL TIMES, AND SHALL BE CONTROLLED WITH FLAGGERS AND TRAFFIC CONTROL DEVICES AS REQUIRED AND SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER AND ENGINEER.

MAINTENANCE OF TRAFFIC NOTES

- A. LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE OWNER AND 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 OWNER AND ENGINEER, SHALL NOT BE PERMITTED...

- G. IN ADDITION LANE CLOSURES ARE NOT ALLOWED OVERNIGHT. ANY COST FOR ITEMS NOT SPECIFICALLY NOTED UNDER THE MAINTENANCE OF TRAFFIC NOTE REQUIRED TO REOPEN LANES SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 614 - MAINTENANCE OF TRAFFIC.

THE CONTRACTOR SHALL OBEY ALL LOCAL LAWS AND ORDINANCES INCLUDING ANY NOISE RESTRICTIONS.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC TO ALL ROADWAYS INTERSECTING THE CONSTRUCTION AREAS.

MAINTENANCE OF TRAFFIC SHALL BE ONGOING THROUGH THE PROJECT, INCLUDING ALL PERIODS OF INACTIVITY BY THE CONTRACTOR, UNTIL FINAL ACCEPTANCE OF THE PROJECT.

THE CONTRACTOR SHALL NOTIFY AFFECTED BUSINESSES 48 HOURS IN ADVANCE BEFORE COMMENCING WORK.

TEMPORARY BLOCKING OF THE DRIVEWAY TO ANY BUSINESS PROPERTY DURING CONSTRUCTION IS ALLOWABLE (MAX. 96 HOURS). HOWEVER, ACCESS TO PROPERTIES FOR DELIVERIES, SERVICE, EMERGENCY VEHICLES, ETC., SHALL BE MAINTAINED AT ALL TIMES. IN ADDITION, THE CONTRACTOR MUST NOTIFY ALL BUSINESSES IN WRITING 48 HOURS BEFORE COMMENCING TO ALLOW THEM ADEQUATE TIME TO MOVE ANY VEHICLE IN OR OUT.

THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO THE BUSINESS AND GIVE A COPY OF SAID WRITTEN NOTICE TO THE FIELD INSPECTOR AND OWNER 48 HOURS PRIOR TO BEING ALLOWED TO COMMENCE WORK WHICH WOULD INVOLVE ACCESS TO SAID PROPERTY.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND THE PUBLIC WORKS OFFICE WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPE ITEMS WILL BE MADE CONFINE ALL ACTIVITIES, EQUIPMENT, STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS...

HATCH LEGEND

Table listing various symbols and their corresponding descriptions for hatching, such as EXISTING FLAGPOLE, EXISTING MAILBOX, EXISTING SIGN, etc.

EROSION CONTROL LEGEND

Table listing various symbols and their corresponding descriptions for erosion control, such as EXISTING TELEPHONE MANHOLE, EXISTING TELEPHONE PEDESTAL, EXISTING FIRE HYDRANT, etc.

SYMBOL LEGEND

Large table listing various symbols and their corresponding descriptions for utility lines and structures, such as EXISTING GAS LINE, EXISTING ELECTRIC (UNDERGROUND / OVERHEAD), EXISTING CABLE (UNDERGROUND / OVERHEAD), etc.

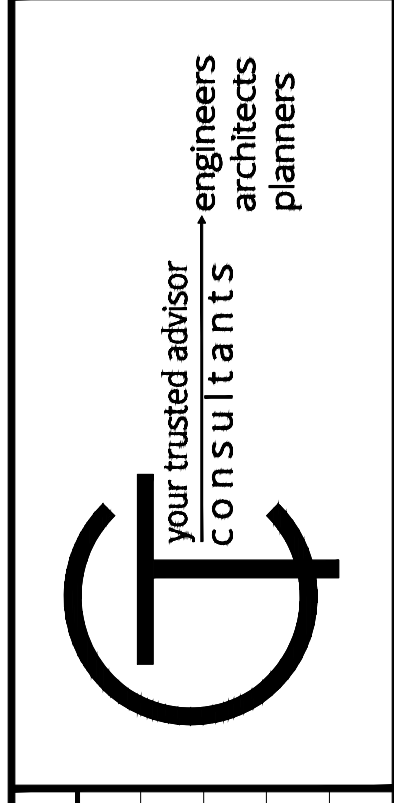
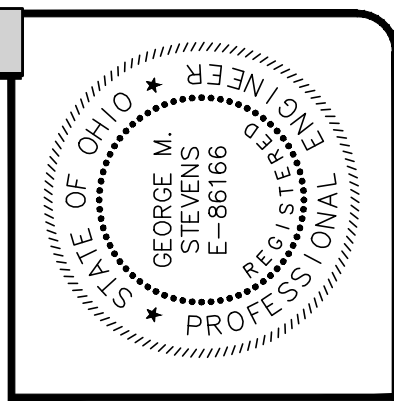


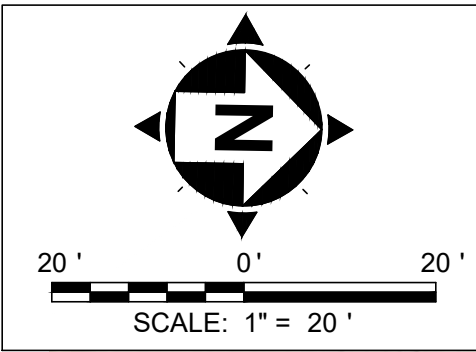
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Table with columns: ISSUED FOR, ISSUE DATE, SCALE, DESIGNED BY, DRAWN BY, CHECKED BY.

Table with project information: PROJECT NO. 230135-05, DISCIPLINE CIVIL, SHEET NAME GN, SHEET 02 OF 27.

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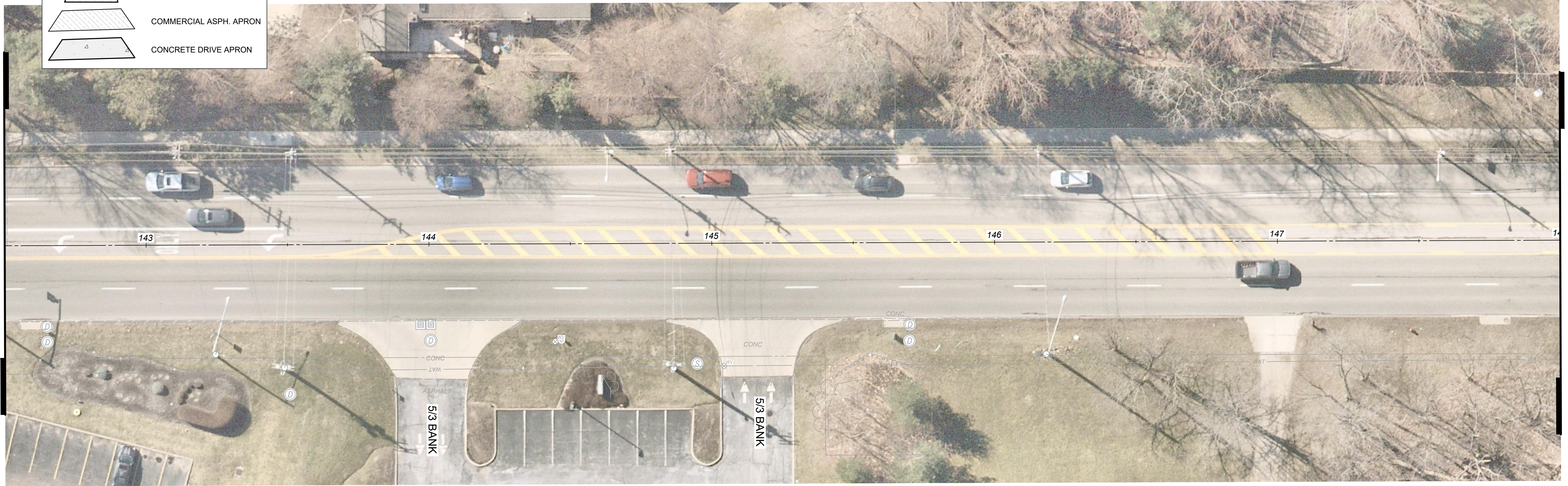
Match Line Sta. 137+00



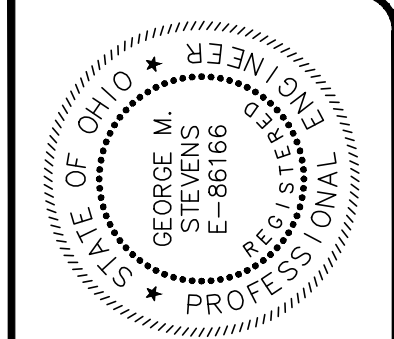
Match Line Sta. 142+50

HATCH LEGEND	
	CURB RAMP
	6-INCH WALK
	4-INCH WALK
	ASPHALT DRIVE APRON
	COMMERCIAL ASPH. APRON
	CONCRETE DRIVE APRON

Match Line Sta. 142+50



Match Line Sta. 148+00

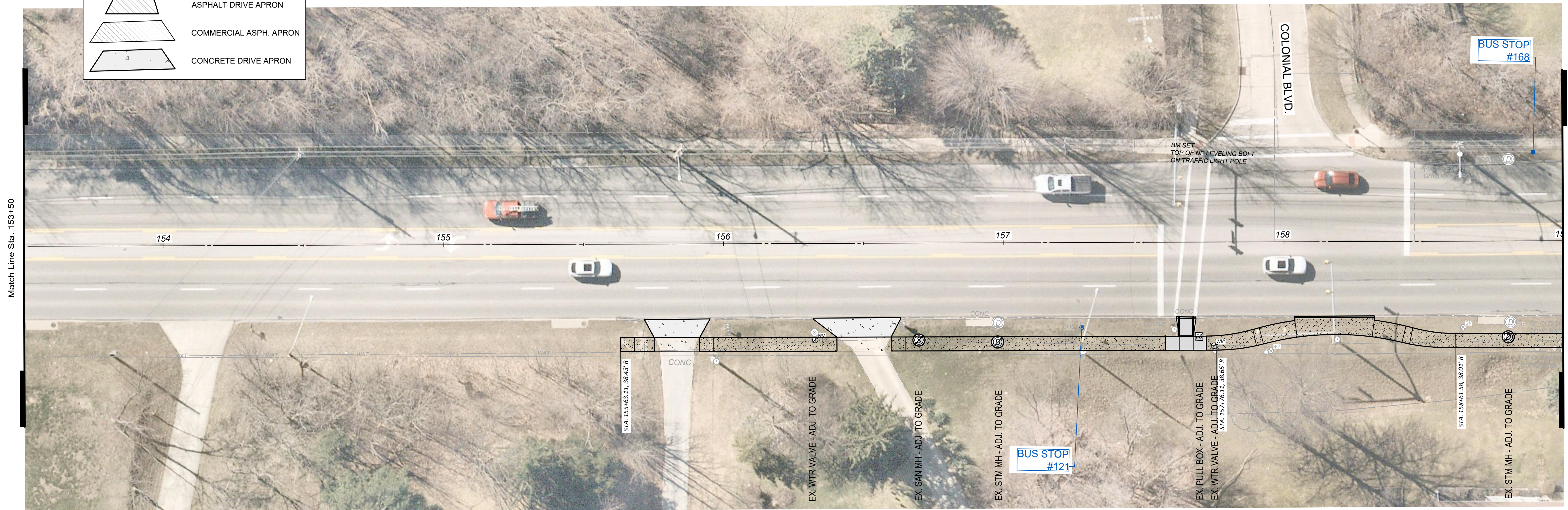
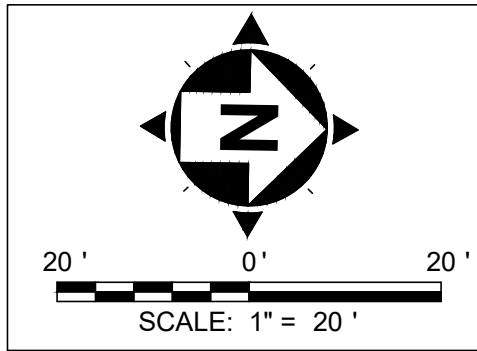


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consultants
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planners

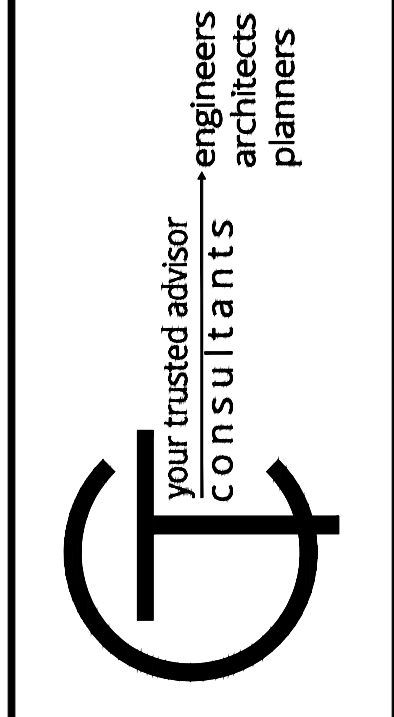
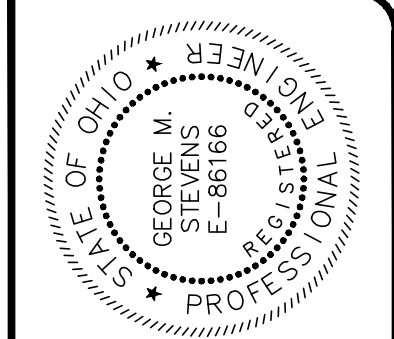
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ISSUE DATE:	05/22/24			
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DESIGNED BY:	GMS			
DRAWN BY:	SIN/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
- WILLOUGHBY, OH 44094 -
SITE LAYOUT PLAN - 1
STA. 137+00 TO STA. 148+00

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PLAN-1
SHEET	OF
03	27



HATCH LEGEND	
	CURB RAMP
	6-INCH WALK
	4-INCH WALK
	ASPHALT DRIVE APRON
	COMMERCIAL ASPH. APRON
	CONCRETE DRIVE APRON



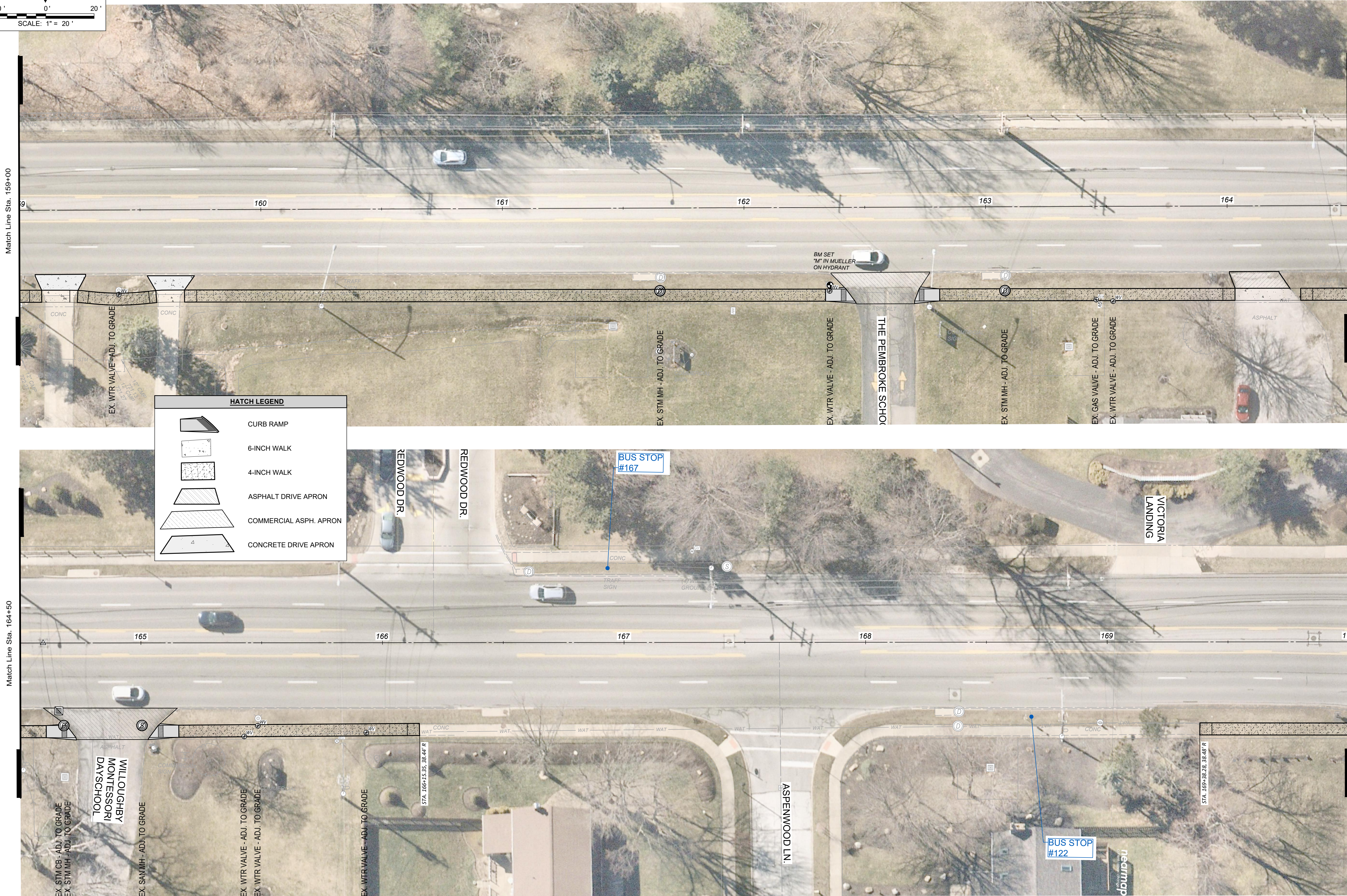
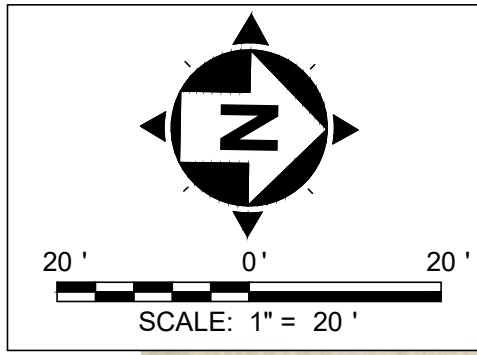
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ISSUE DATE:	05/22/24			
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DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -

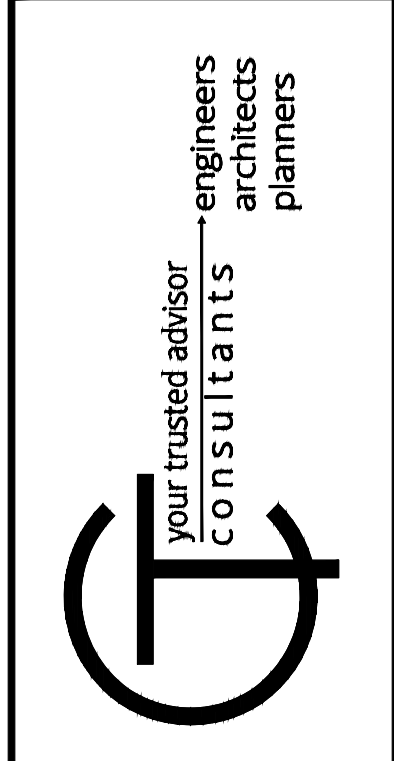
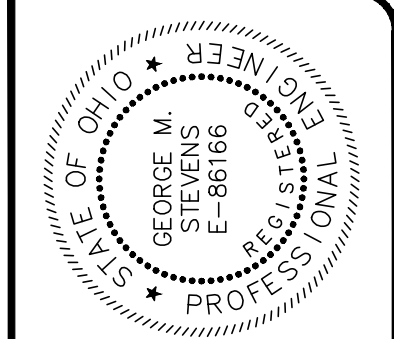
SITE LAYOUT PLAN - 2

STA. 148+00 TO STA. 159+00

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PLAN-2
SHEET	04
OF	27



HATCH LEGEND	
	CURB RAMP
	6-INCH WALK
	4-INCH WALK
	ASPHALT DRIVE APRON
	COMMERCIAL ASPH. APRON
	CONCRETE DRIVE APRON



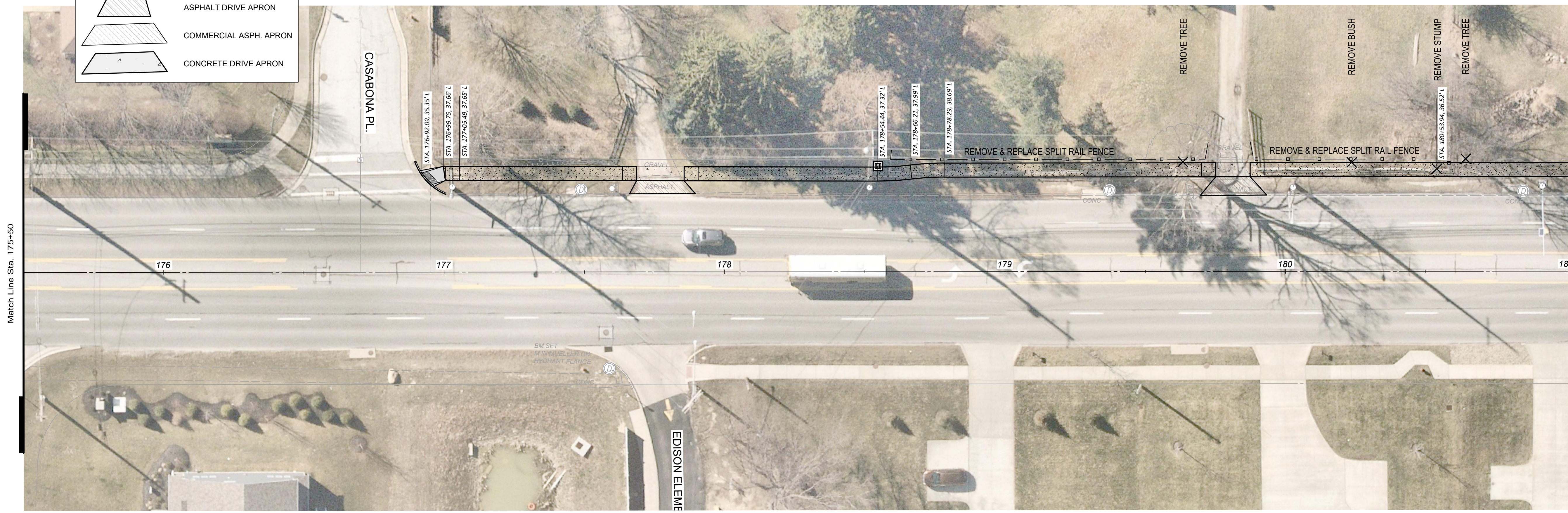
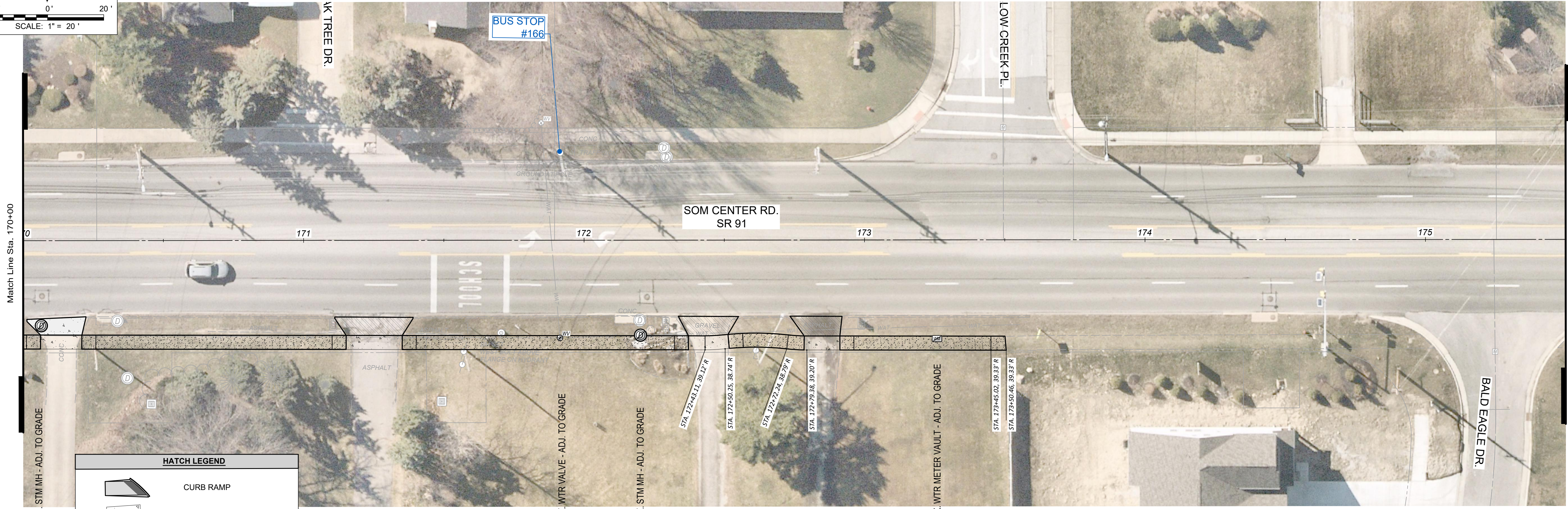
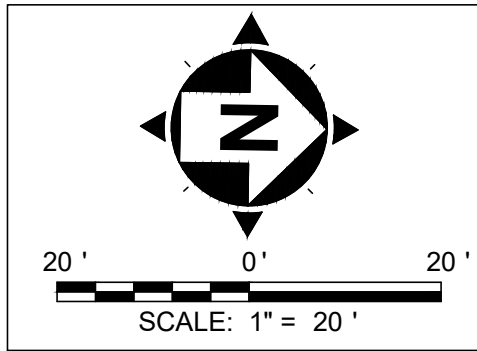
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ISSUE DATE:	05/22/24			
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CHECKED BY:	TRL			

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 RIDGE ROAD TO EUCLID AVENUE
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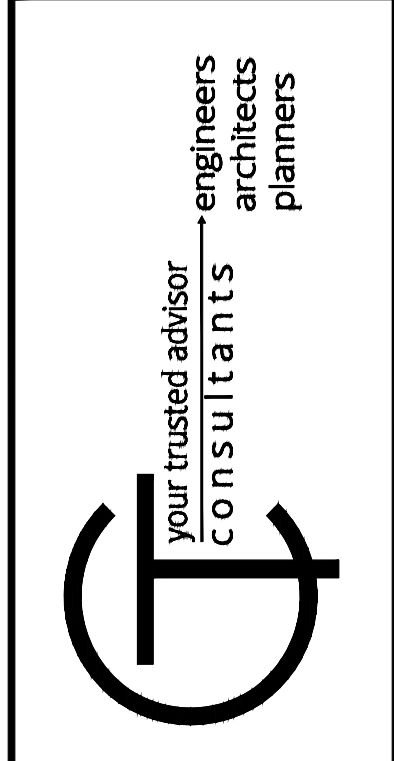
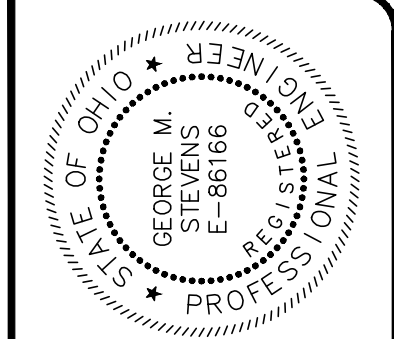
SITE LAYOUT PLAN - 3

STA. 159+00 TO STA. 170+00

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PLAN-3
SHEET	OF
05	27



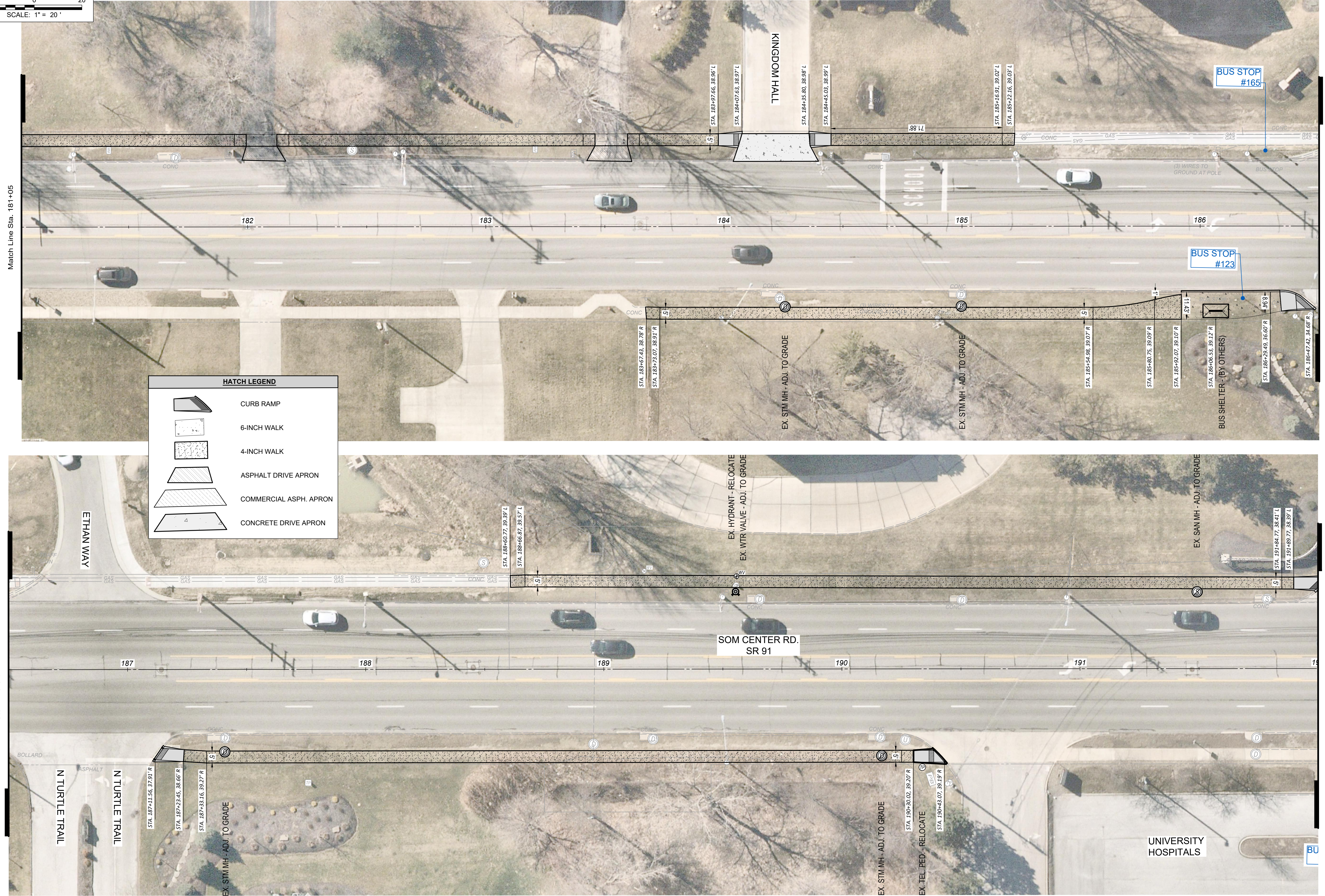
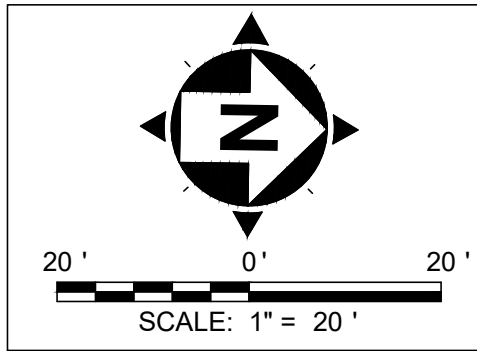
HATCH LEGEND	
	CURB RAMP
	6-INCH WALK
	4-INCH WALK
	ASPHALT DRIVE APRON
	COMMERCIAL ASPH. APRON
	CONCRETE DRIVE APRON



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNKGMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
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SITE LAYOUT PLAN - 4
STA. 170+00 TO STA. 181+05

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PLAN-4
SHEET	OF
06	27



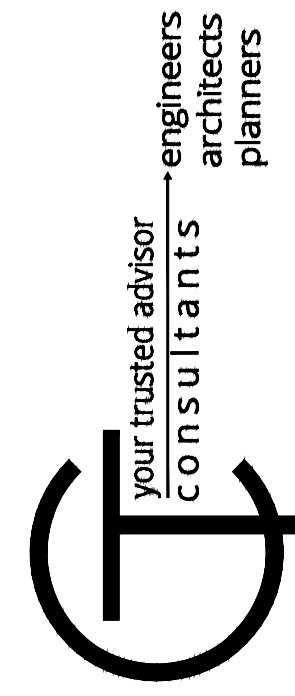
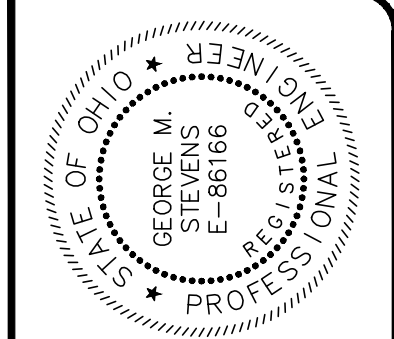
HATCH LEGEND	
	CURB RAMP
	6-INCH WALK
	4-INCH WALK
	ASPHALT DRIVE APRON
	COMMERCIAL ASPH. APRON
	CONCRETE DRIVE APRON

Match Line Sta. 181+00

Match Line Sta. 186+50

Match Line Sta. 186+50

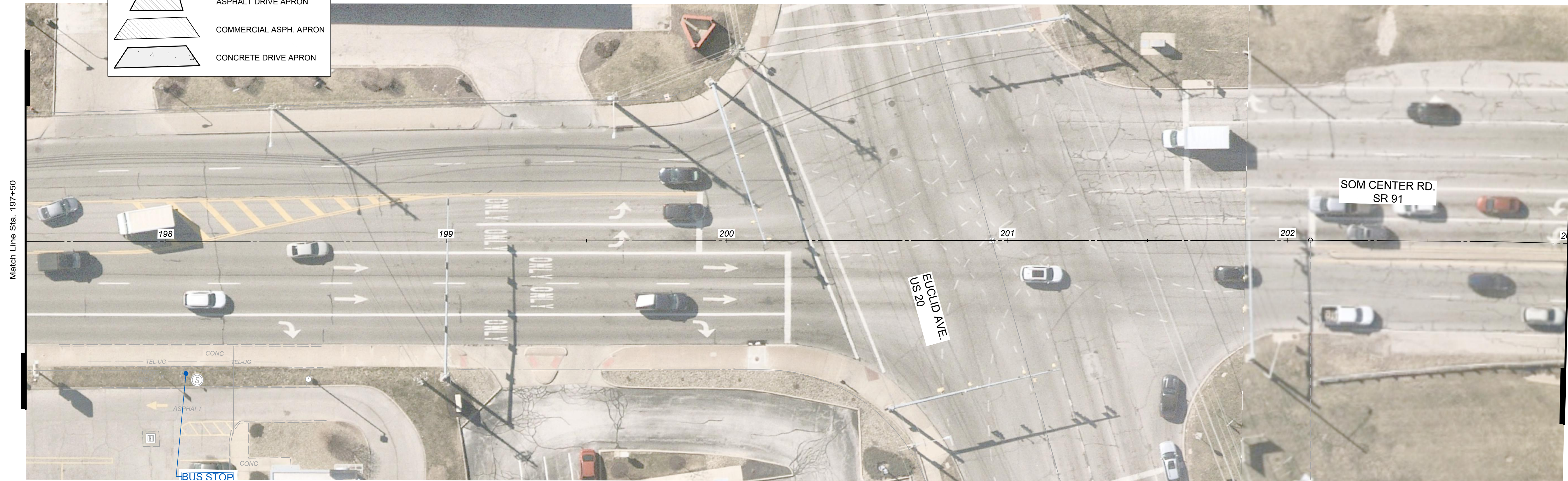
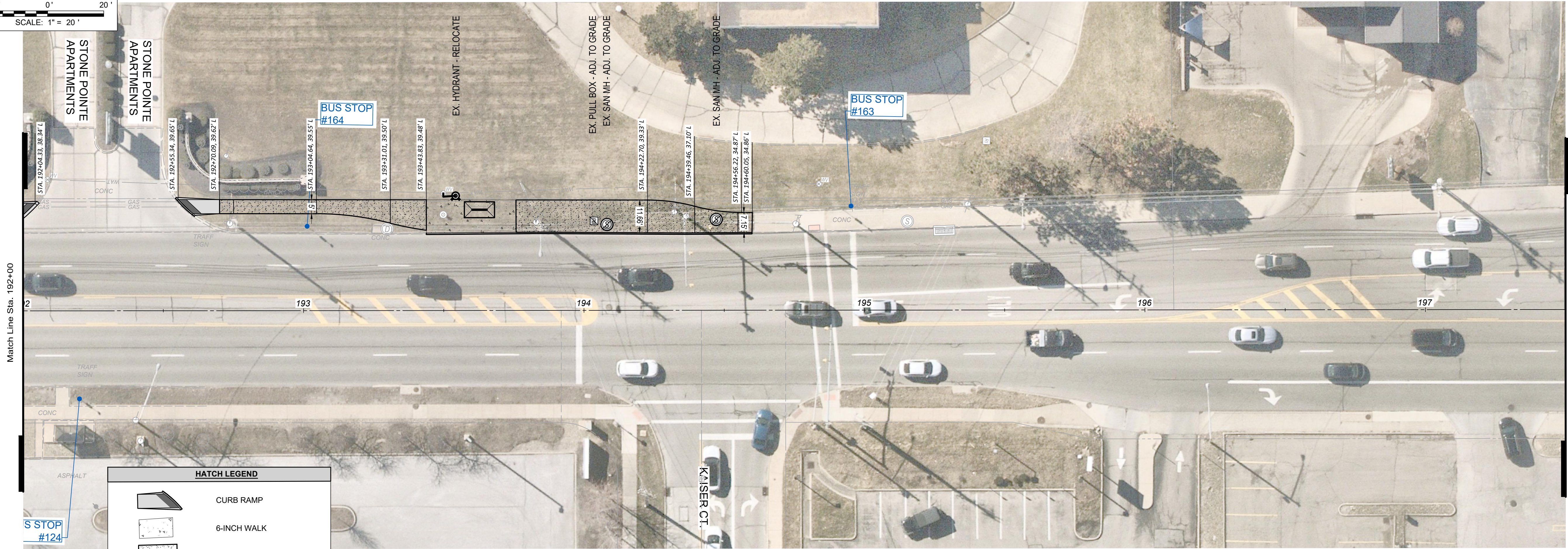
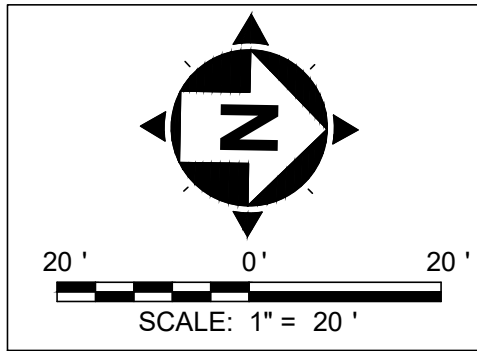
Match Line Sta. 192+00



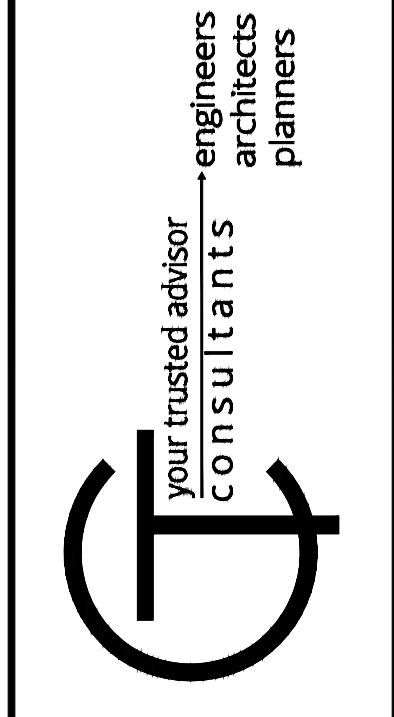
ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	AS SHOWN			
SCALE:	GMS			
DESIGNED BY:	SNK/GMS			
DRAWN BY:	TRL			
CHECKED BY:				

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
SITE LAYOUT PLAN - 5
STA. 181+05 TO STA. 192+00

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PLAN-5
SHEET	OF
07	27



HATCH LEGEND	
	CURB RAMP
	6-INCH WALK
	4-INCH WALK
	ASPHALT DRIVE APRON
	COMMERCIAL ASPH. APRON
	CONCRETE DRIVE APRON



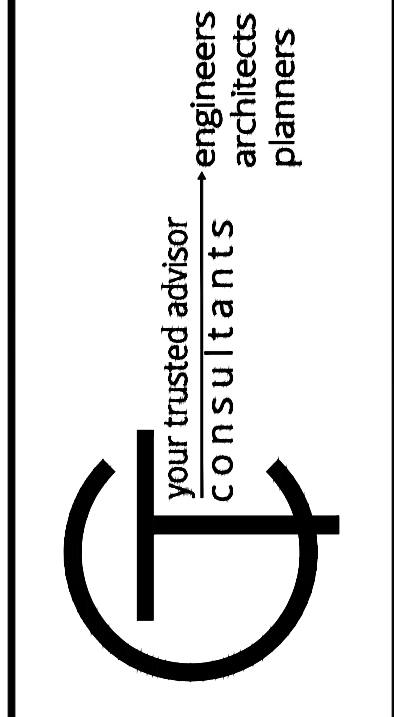
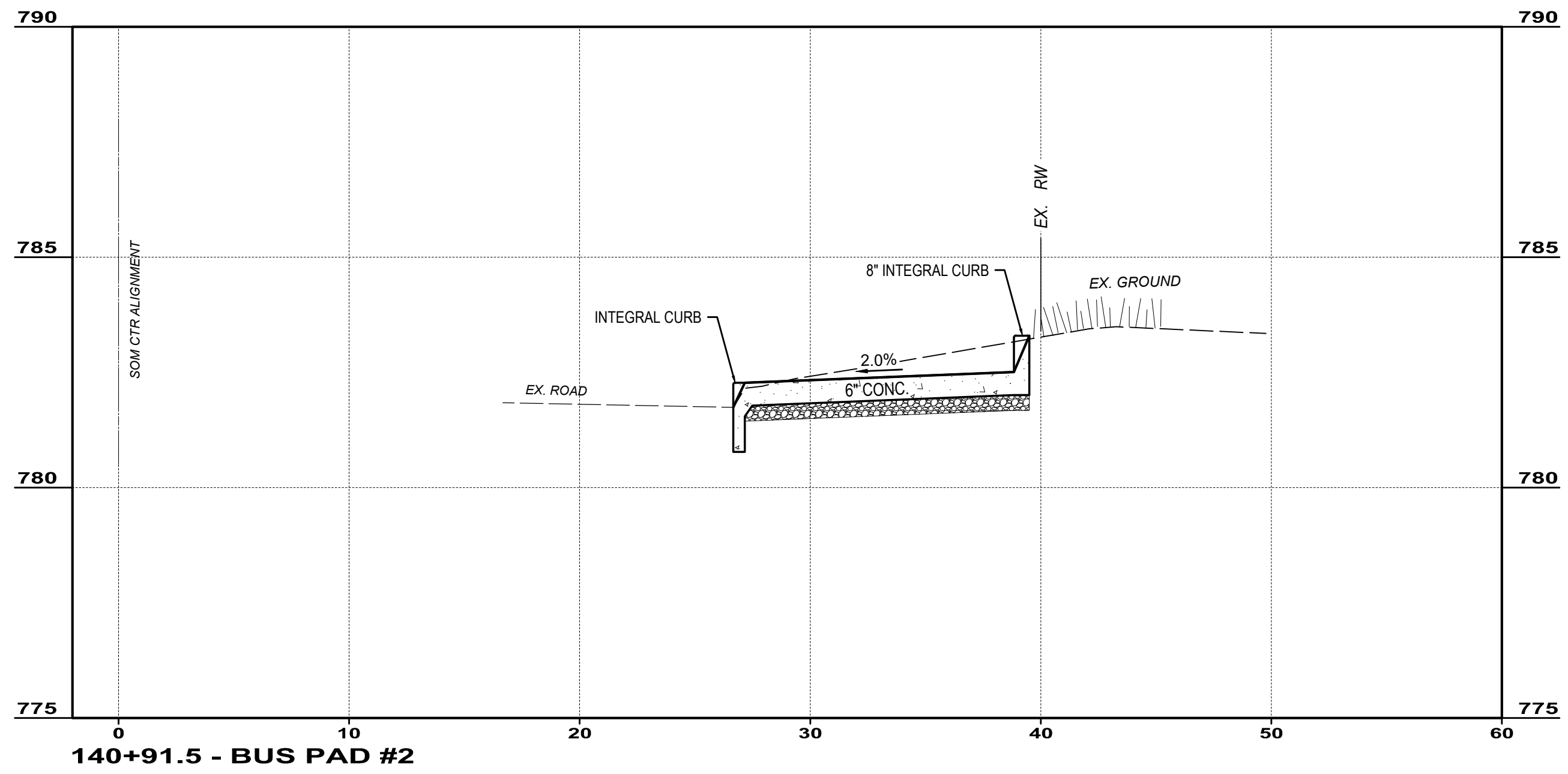
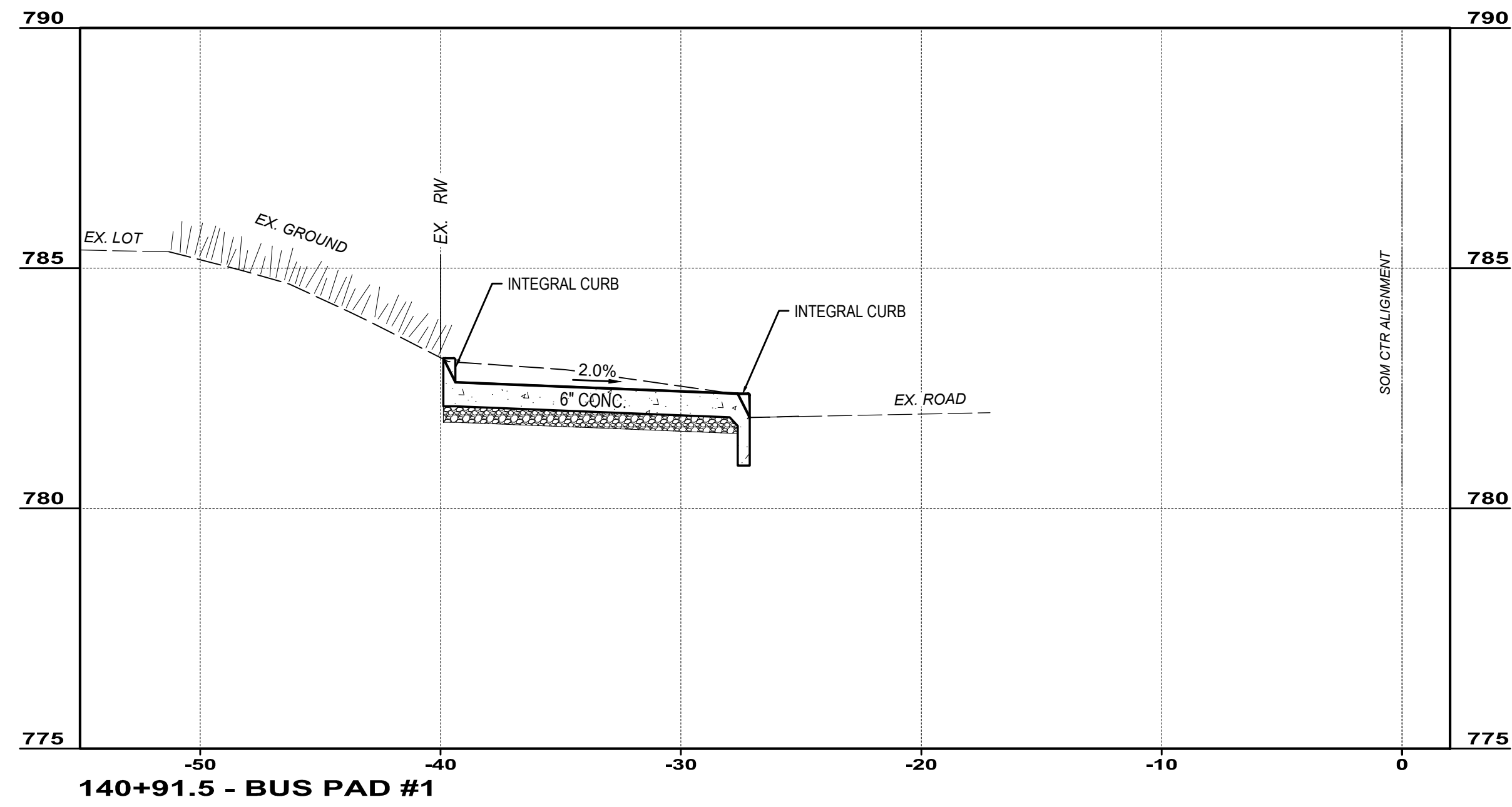
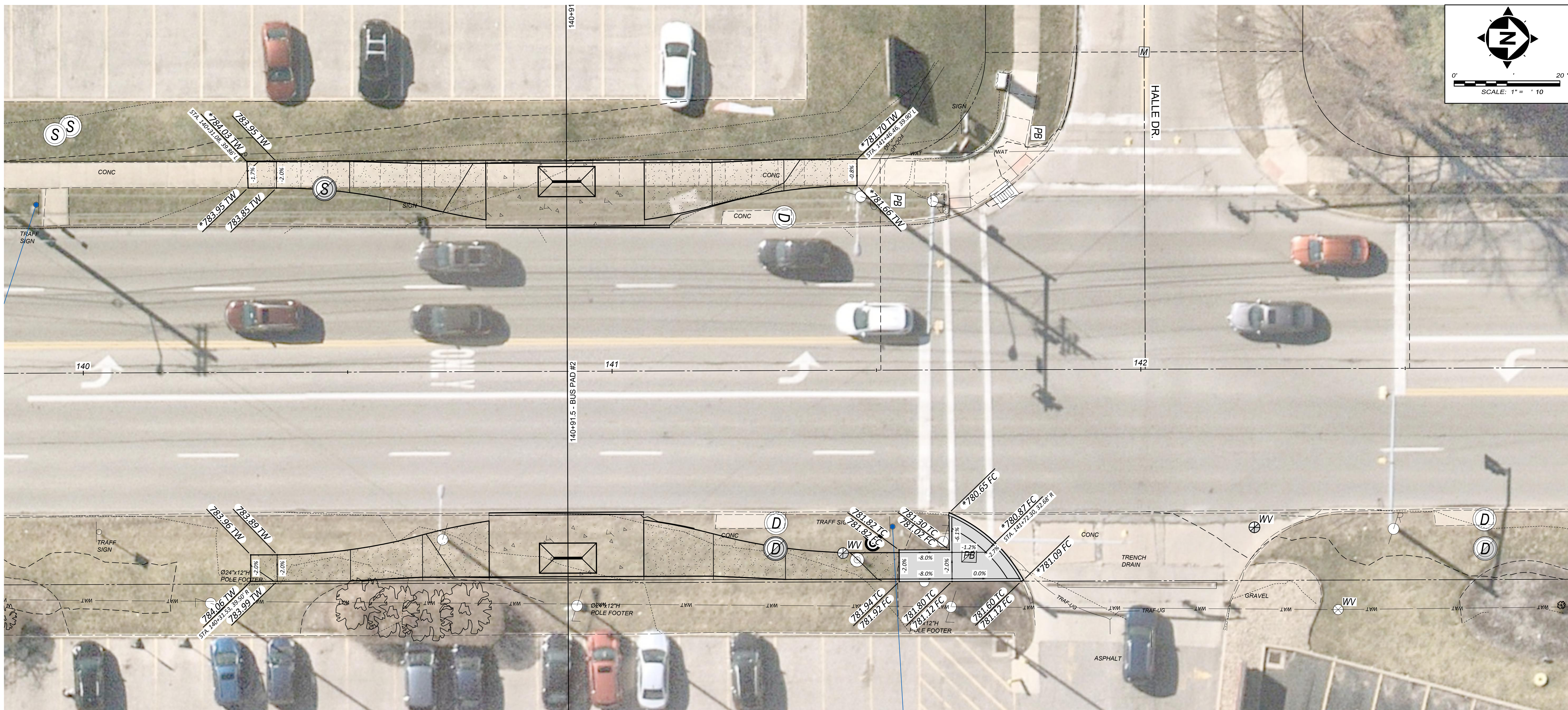
ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
 RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -

SITE LAYOUT PLAN - 6

STA. 192+00 TO STA. 203+00

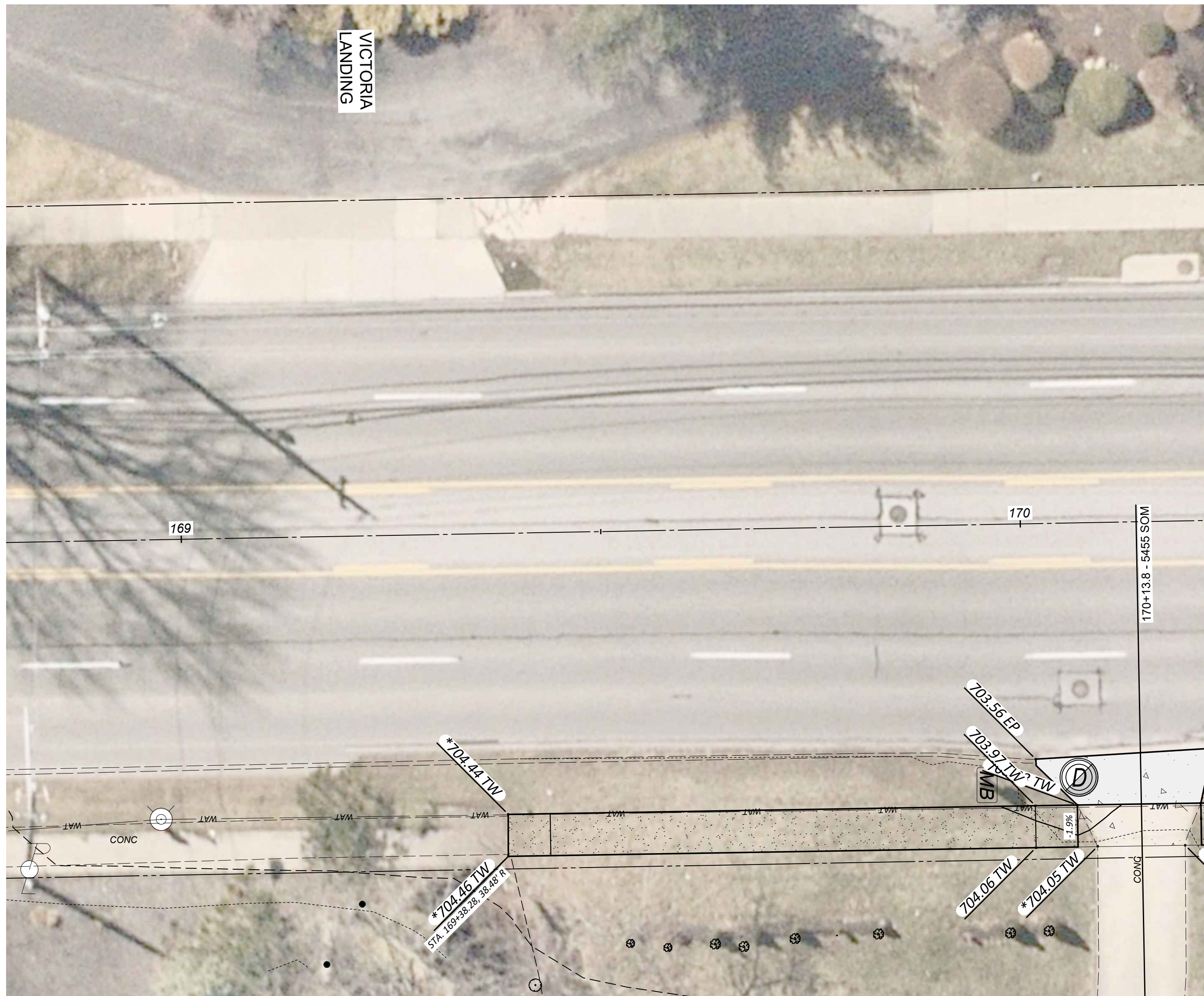
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PLAN-6
SHEET	OF
08	27



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
GRADING PLAN - 1
HALLE DR.

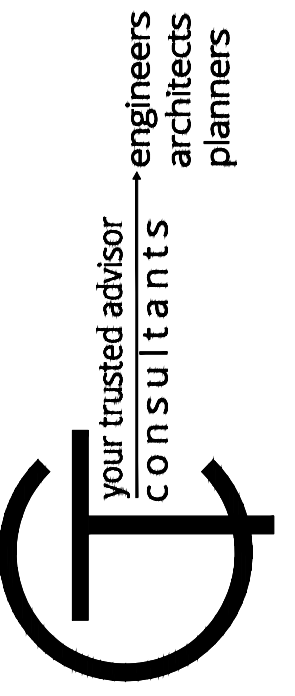
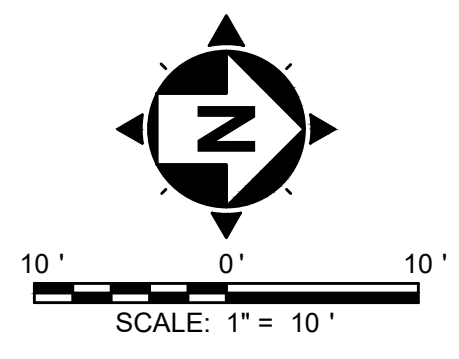
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	GRAD-1
SHEET	09
OF	27



SOM CENTER RD @ VICTORIA LANDING



SOM CENTER RD & WILLOW CREEK PL



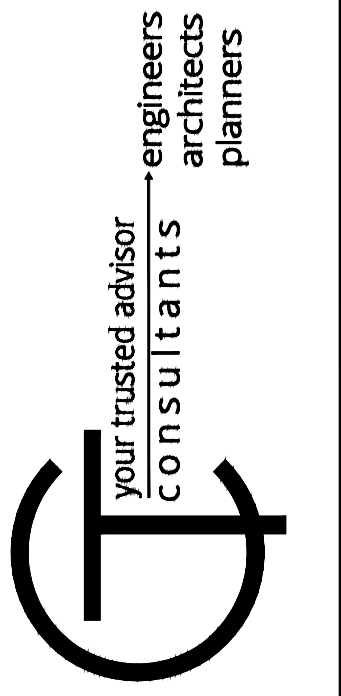
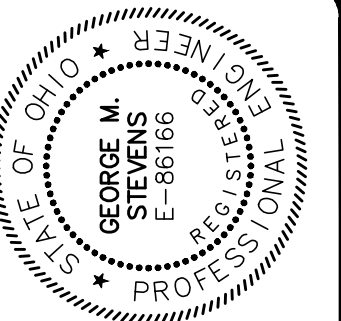
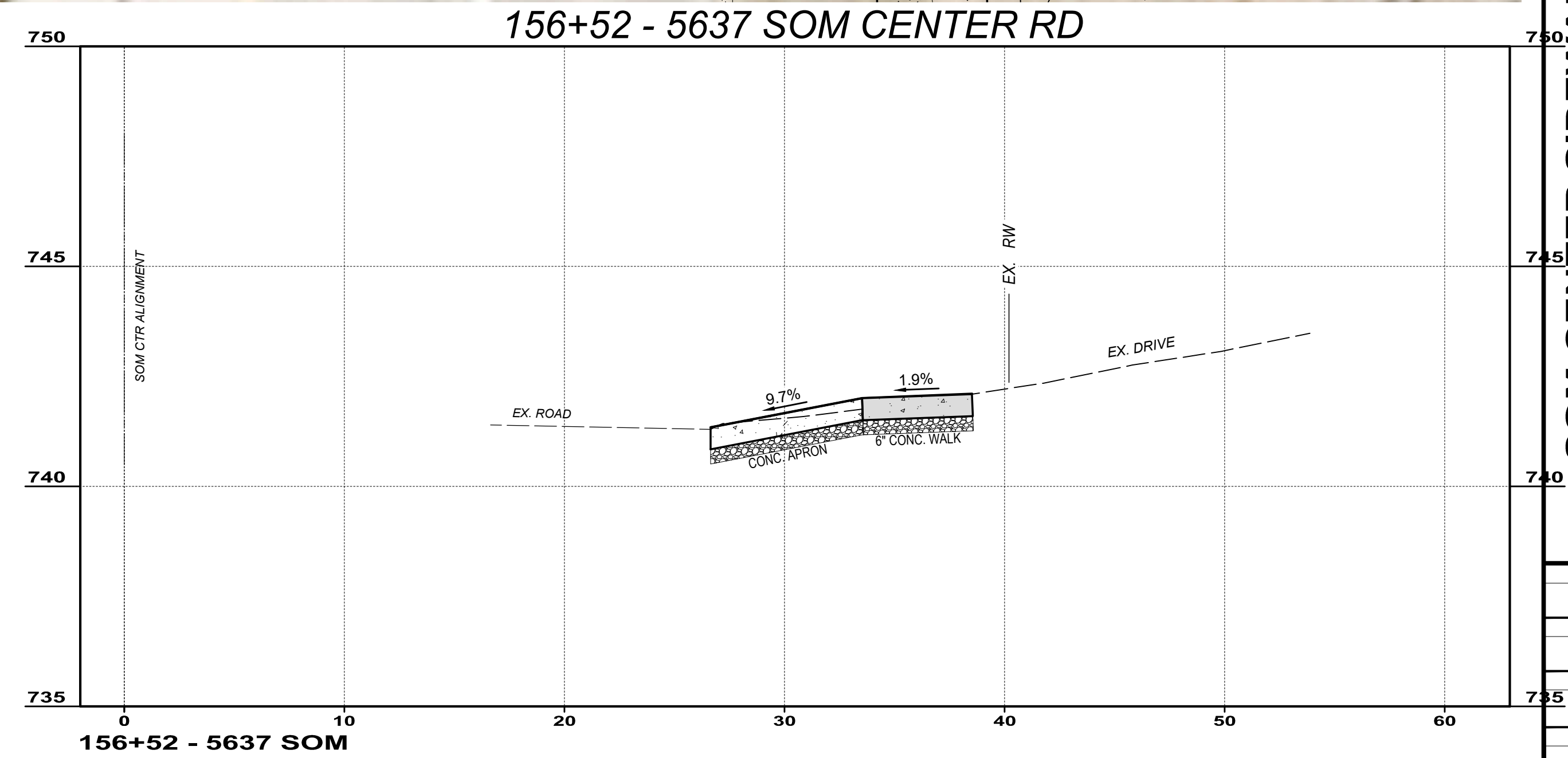
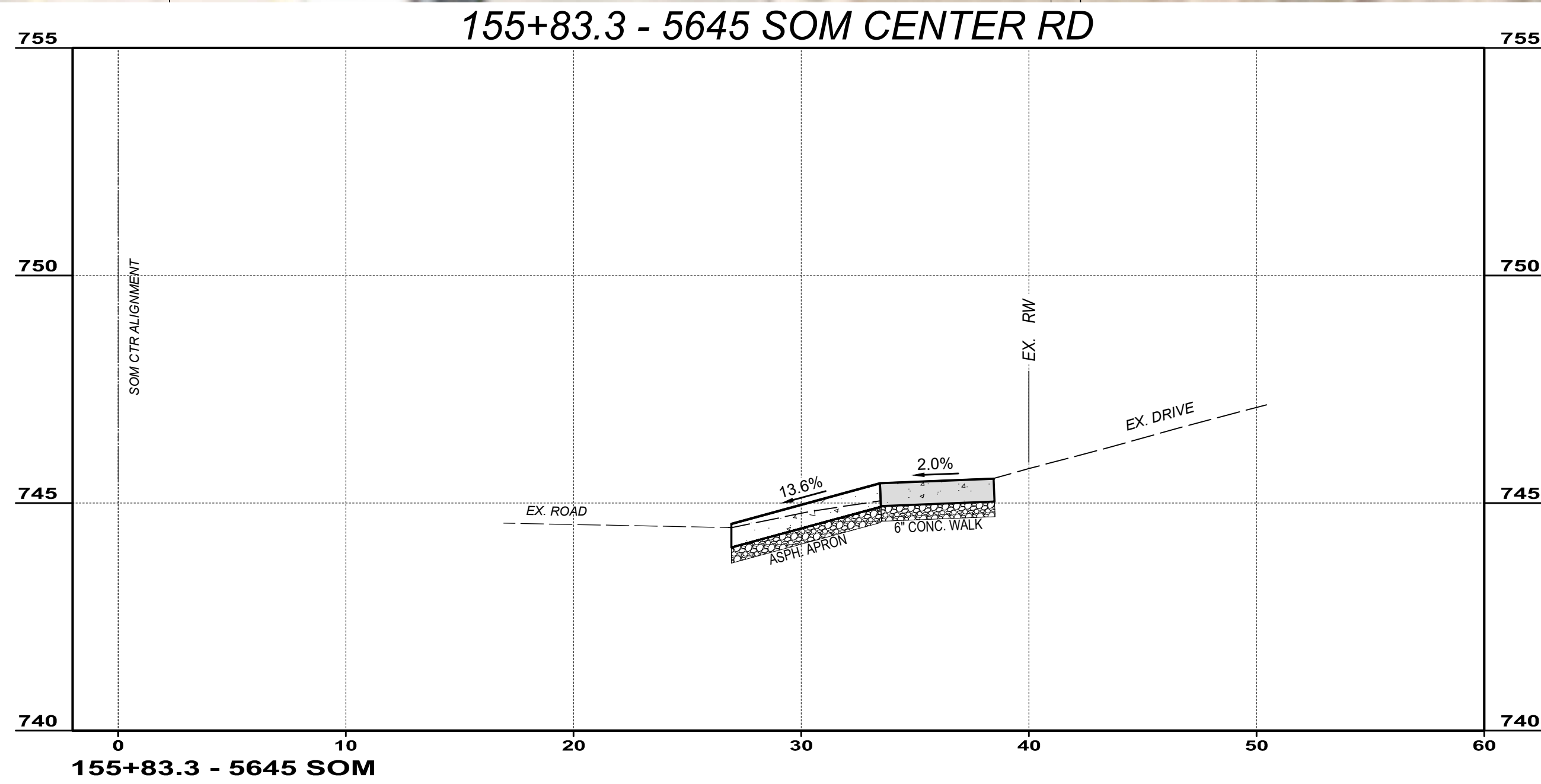
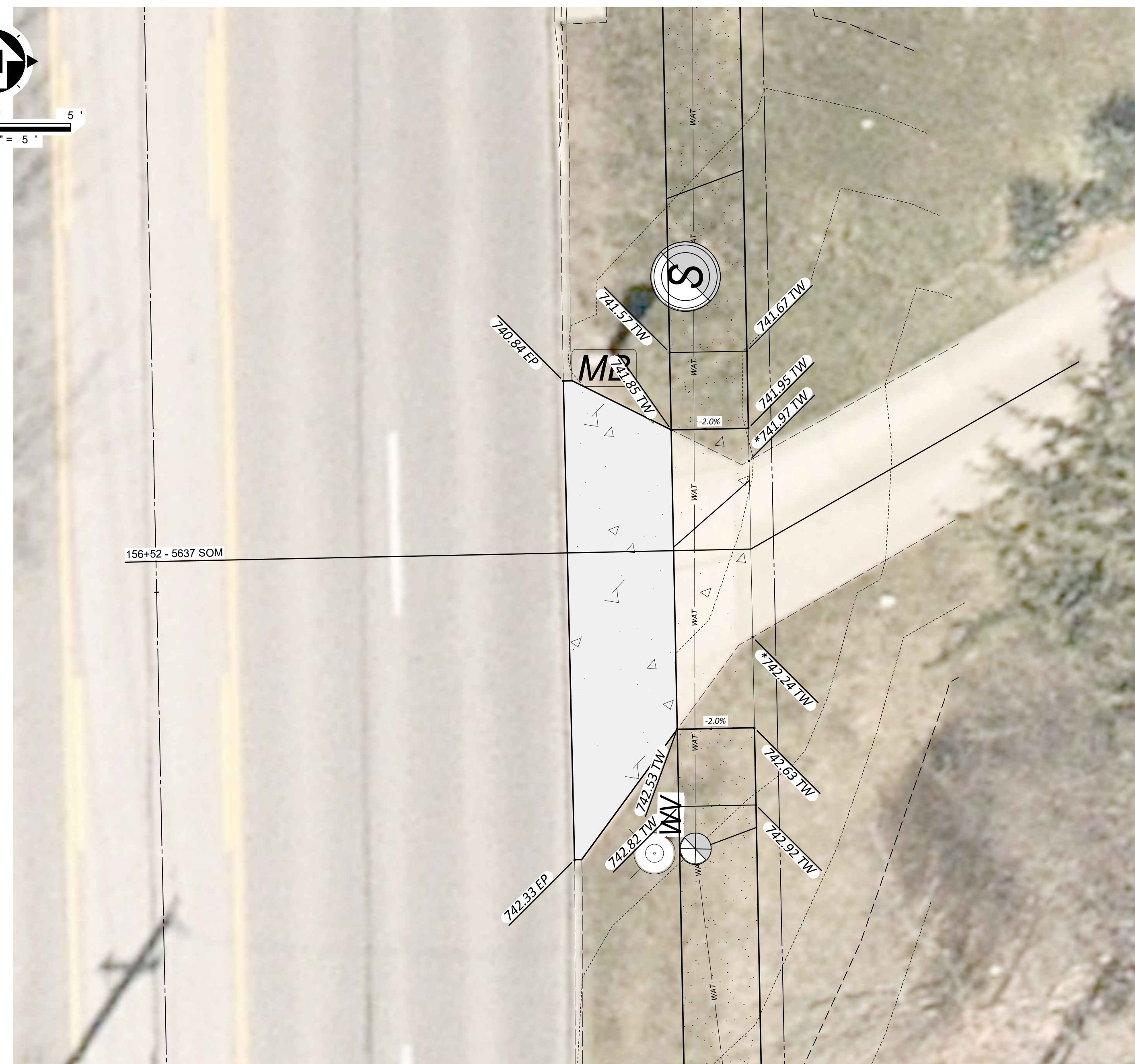
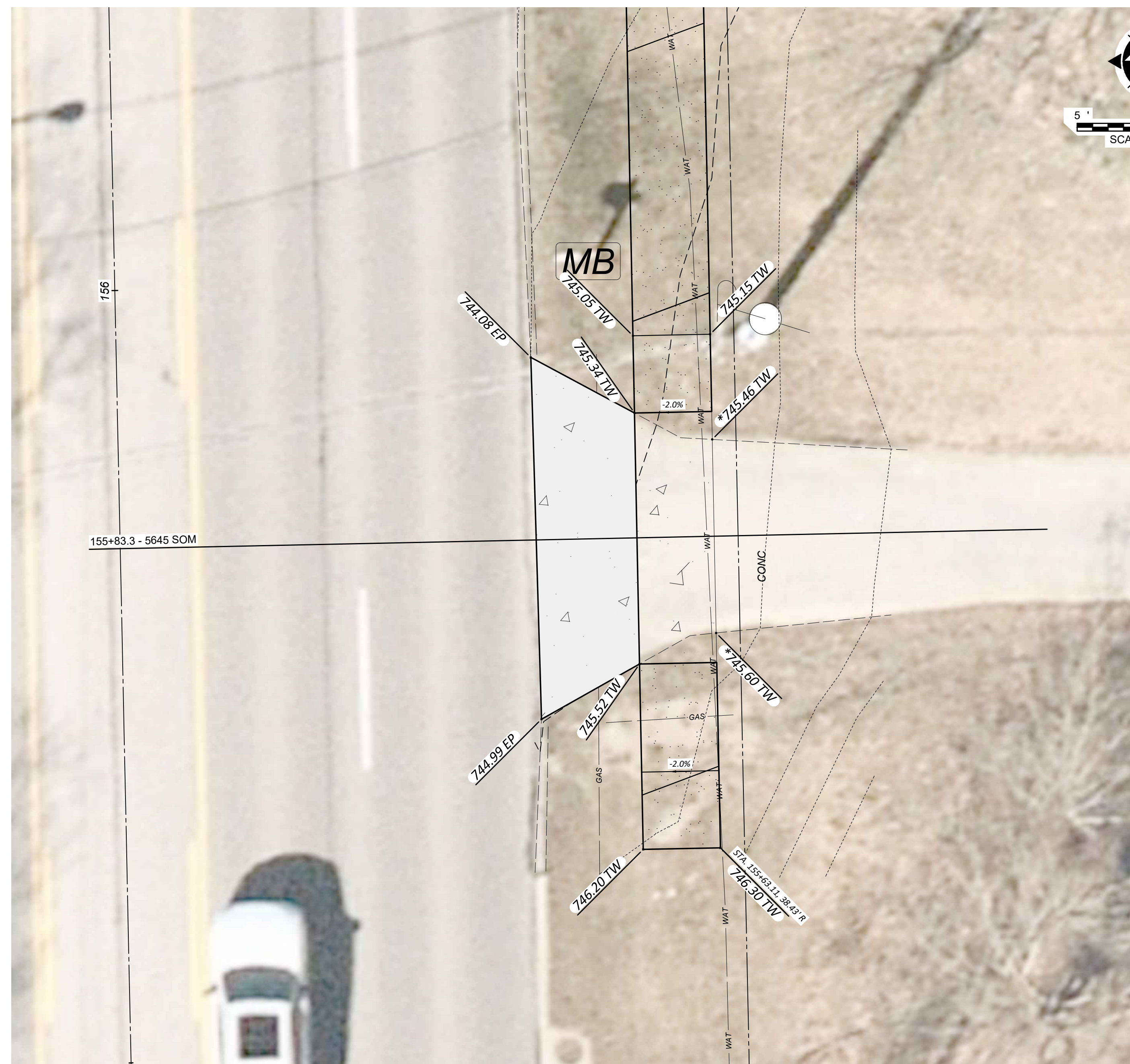
ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -

GRADING PLAN - 3

VICTORIA LANDING & WILLOW CREEK PL.

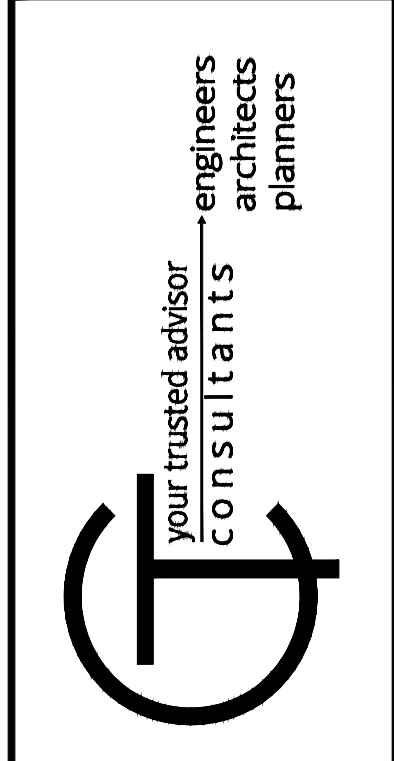
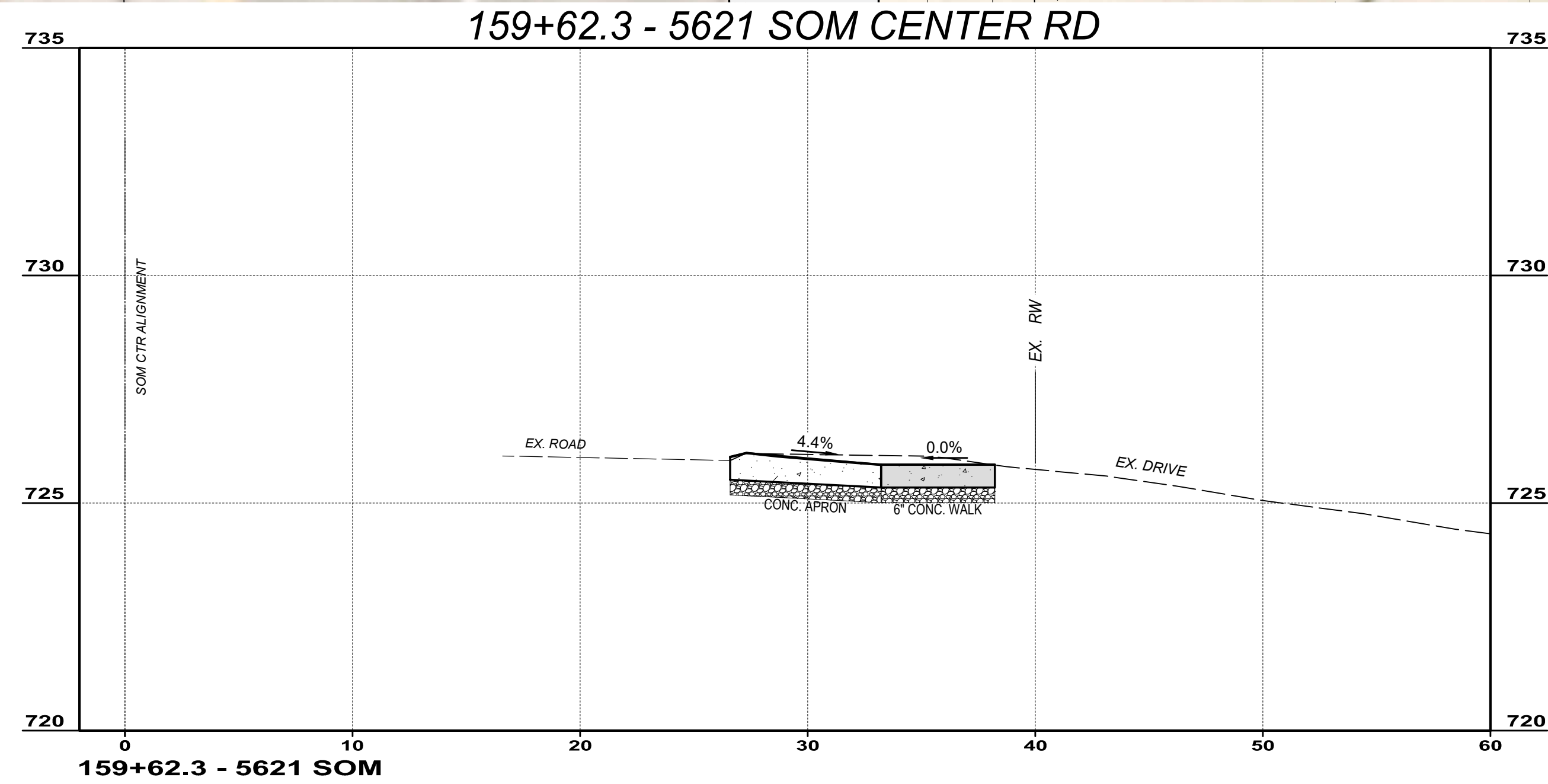
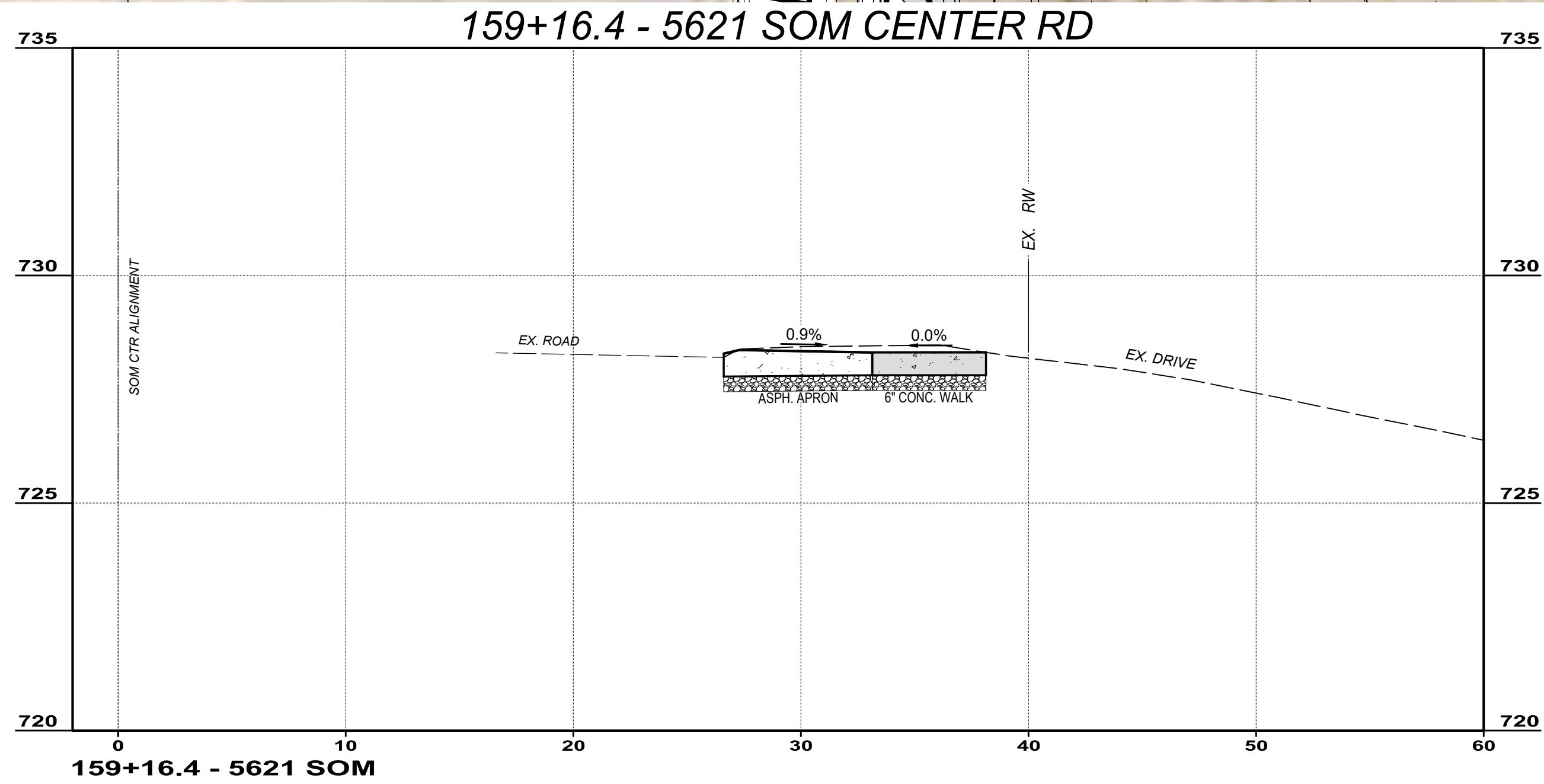
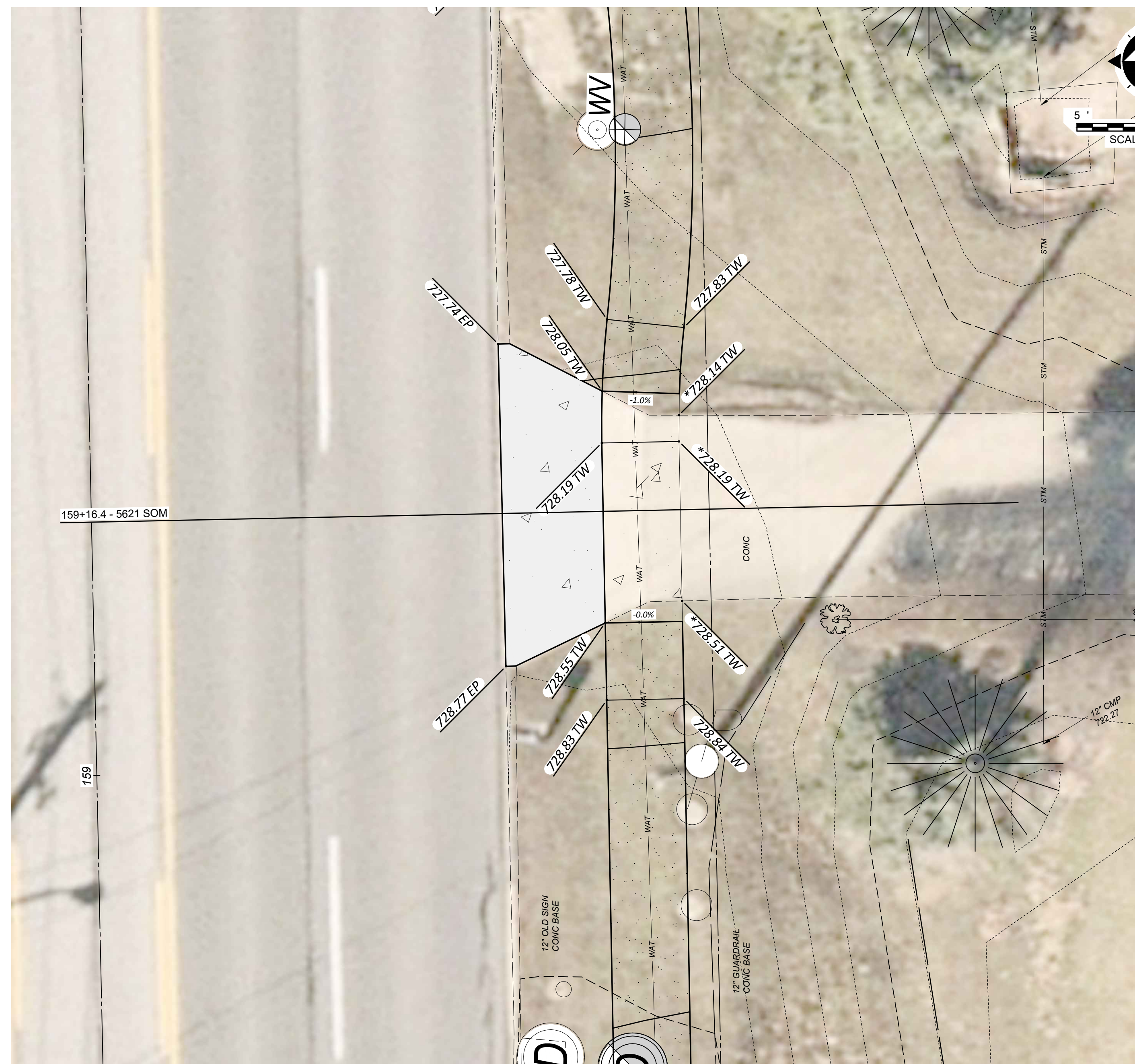
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	GRAD-3
SHEET	11
OF	27



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNKGMS			
CHECKED BY:	TRL			

**SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
- WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 1**

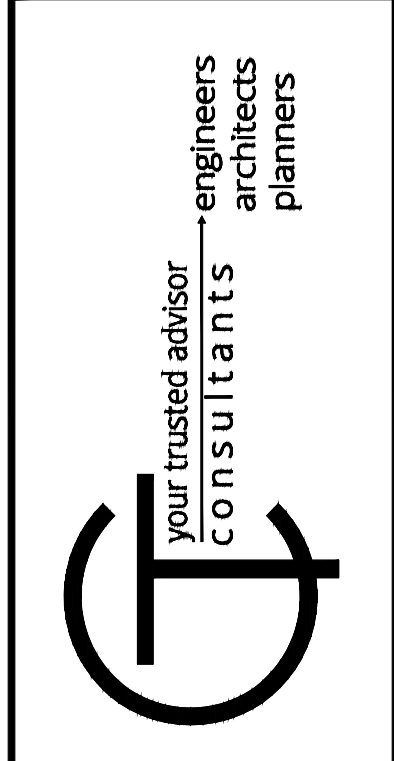
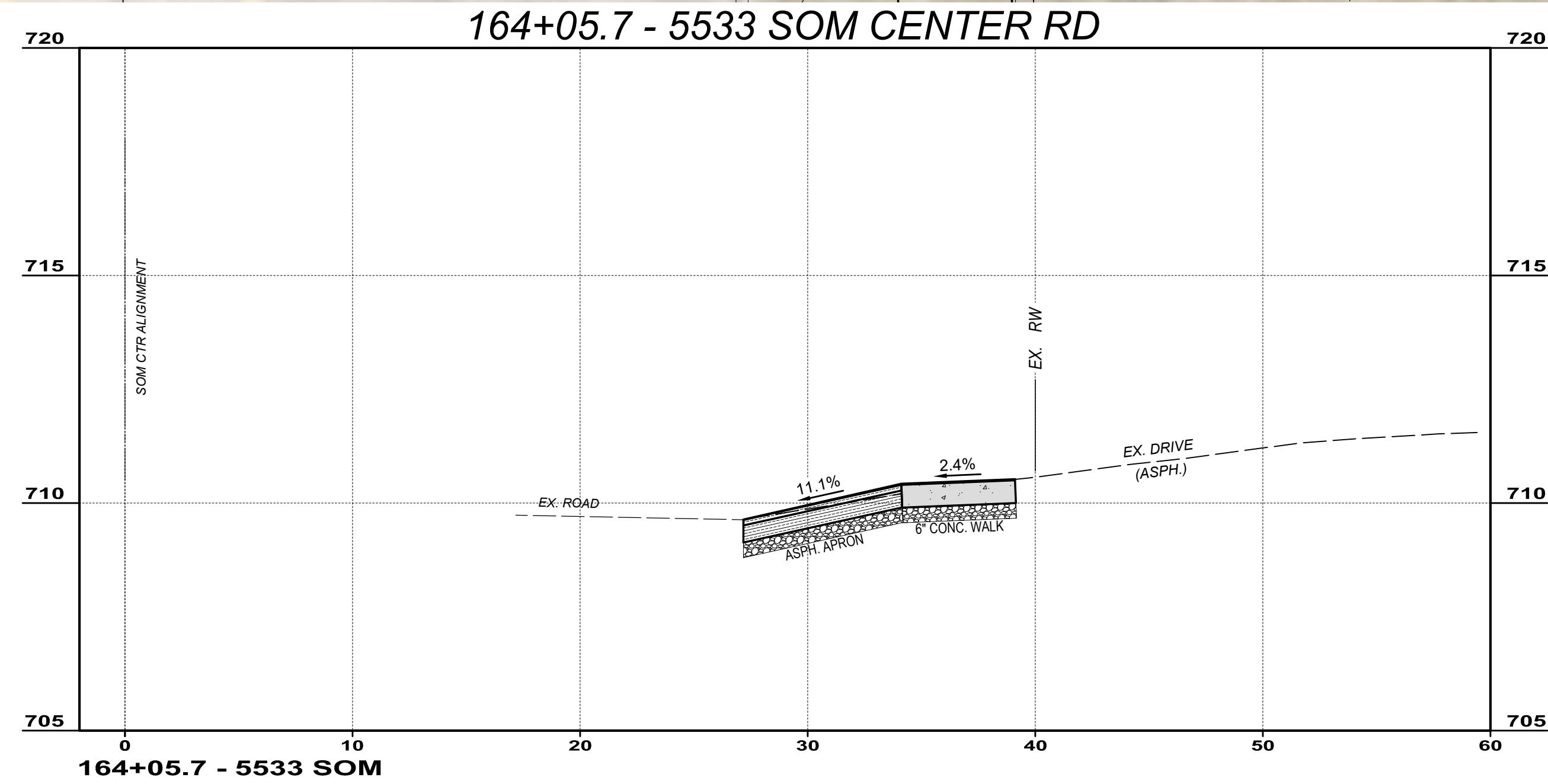
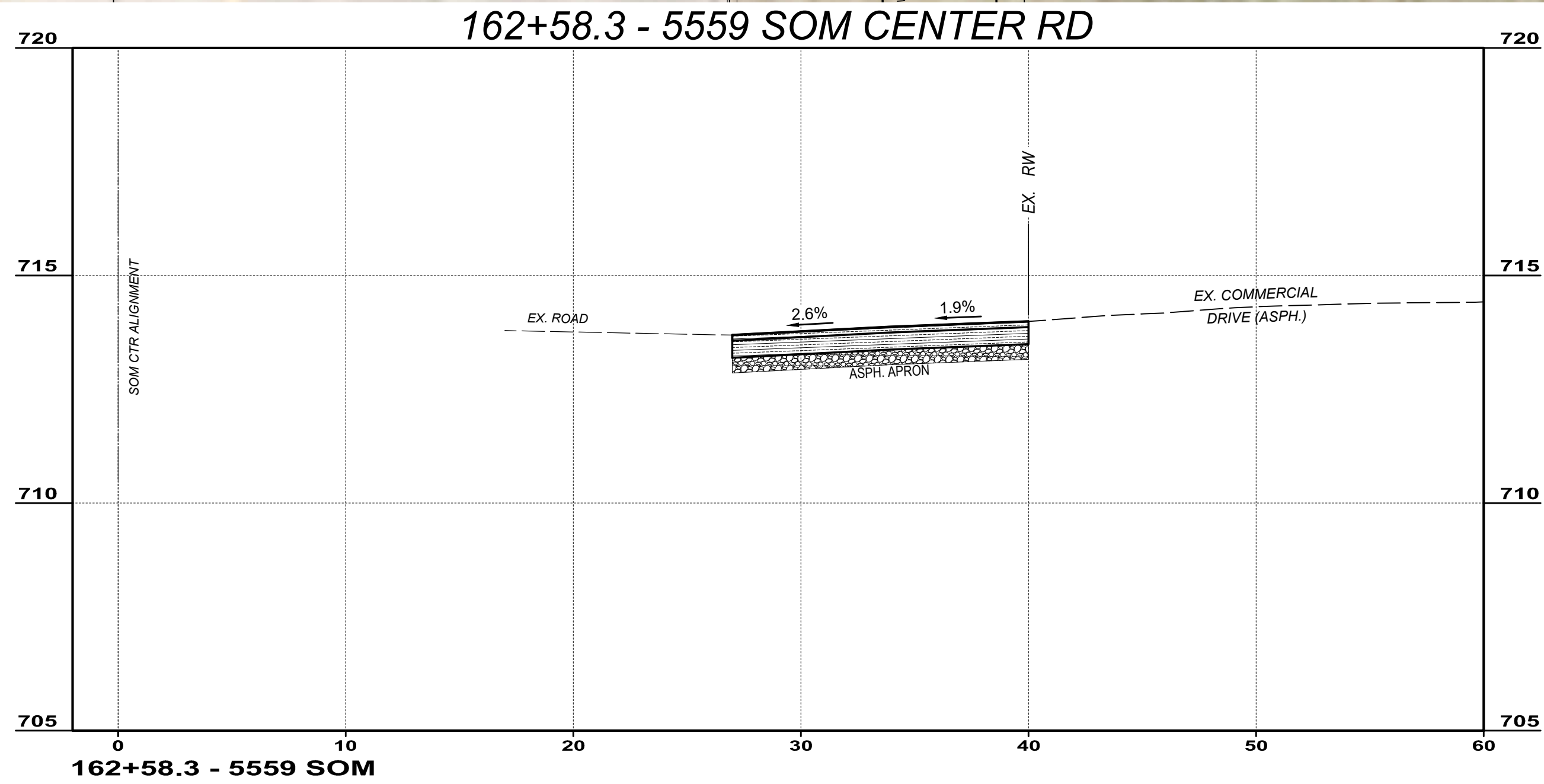
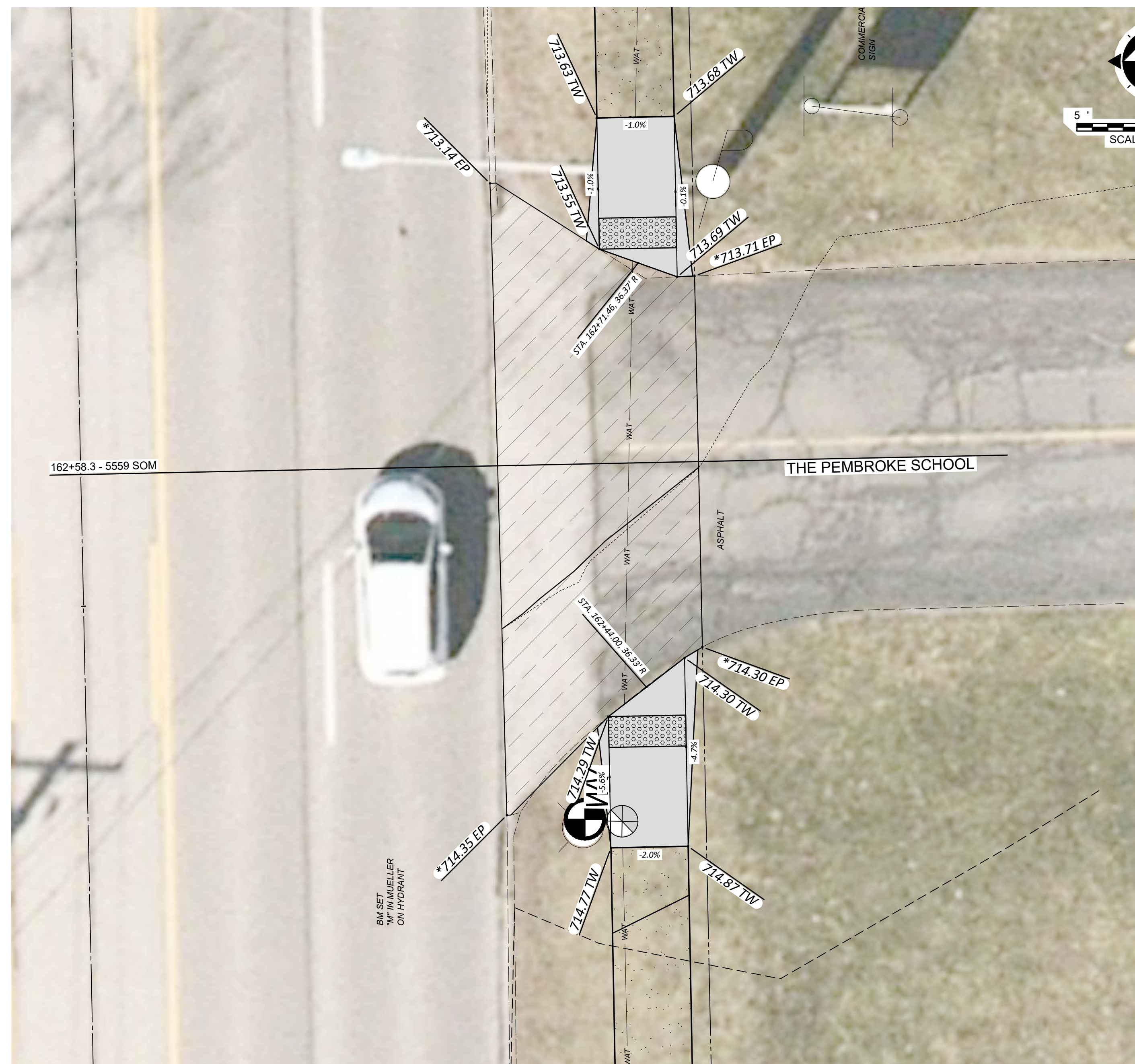
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PROF-1
SHEET	OF
15	27



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE: 05/22/24	AS SHOWN			
SCALE:	GMS			
DESIGNED BY:	SNK/GMS			
DRAWN BY:	TR			
CHECKED BY:				

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 2

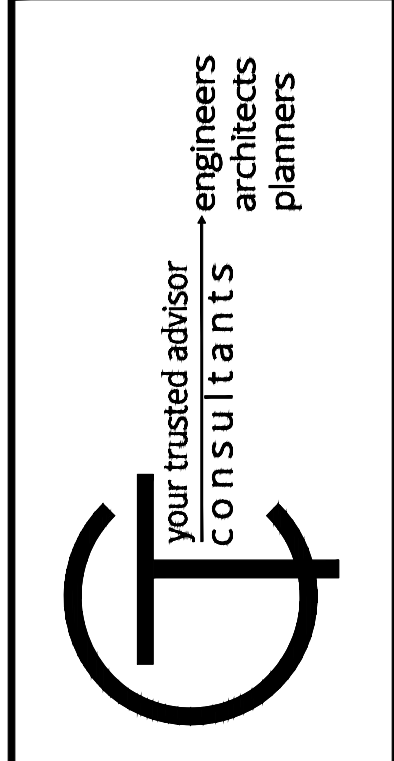
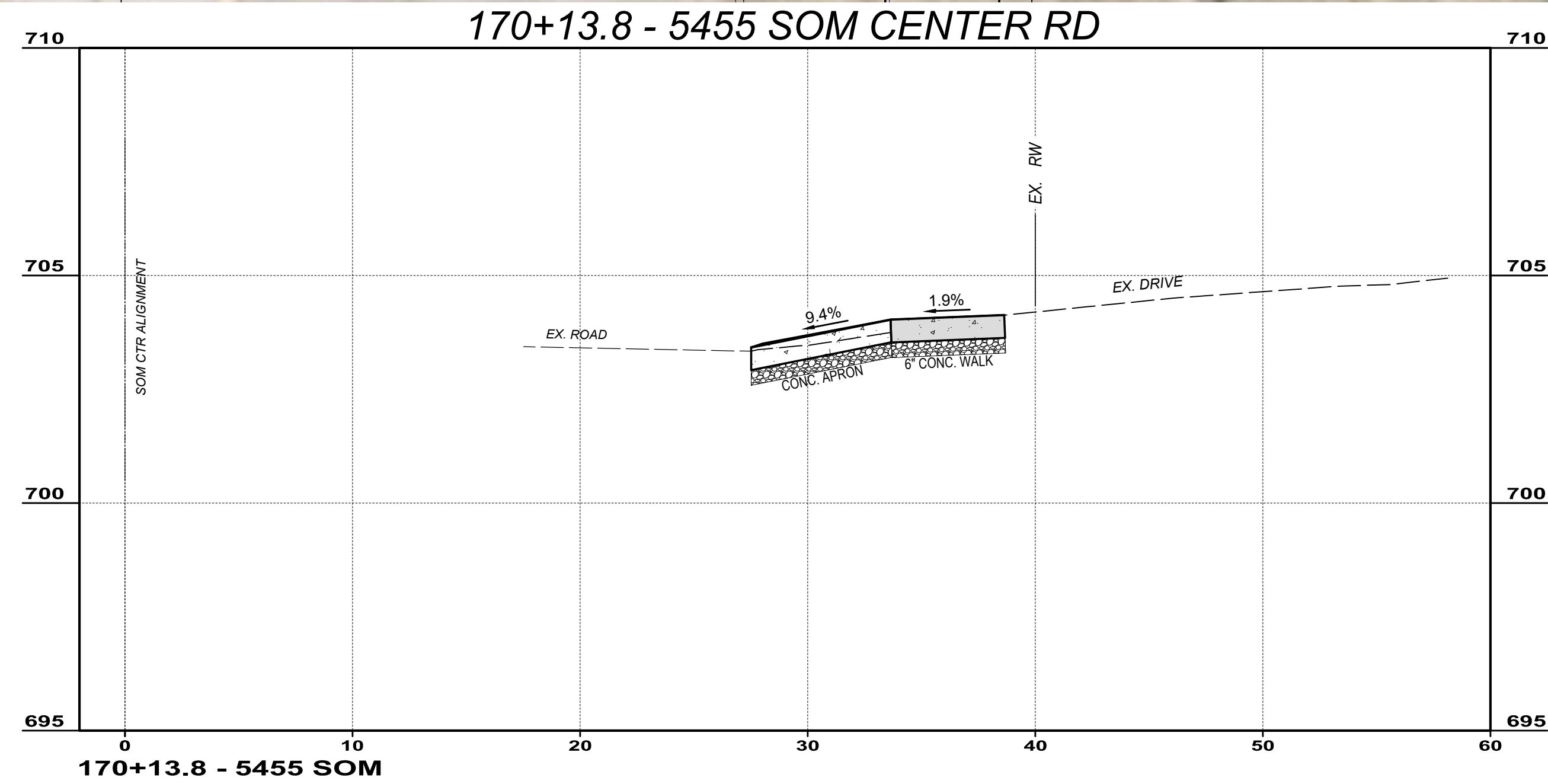
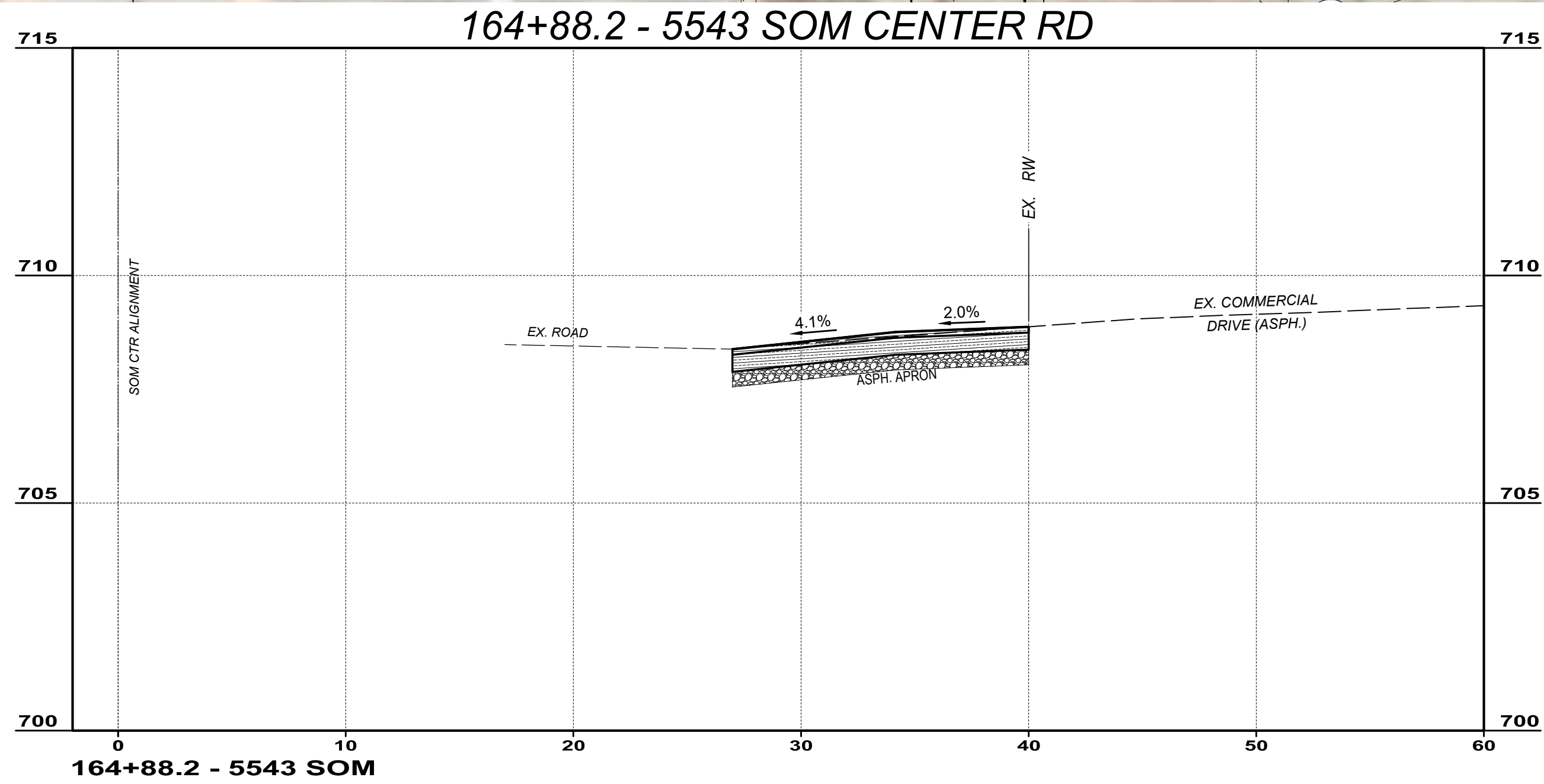
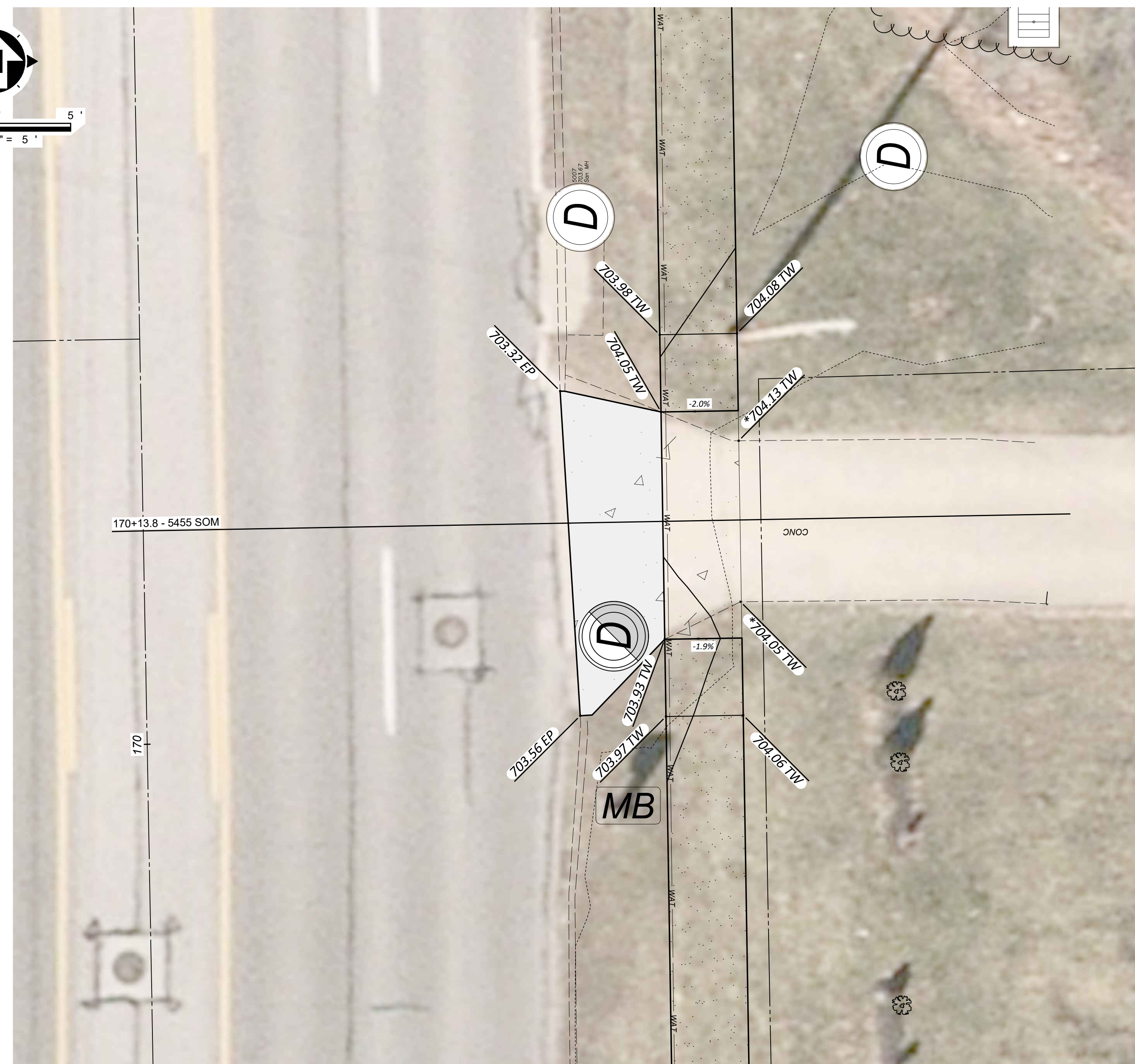
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PROF-2
SHEET	16
OF	27



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 3

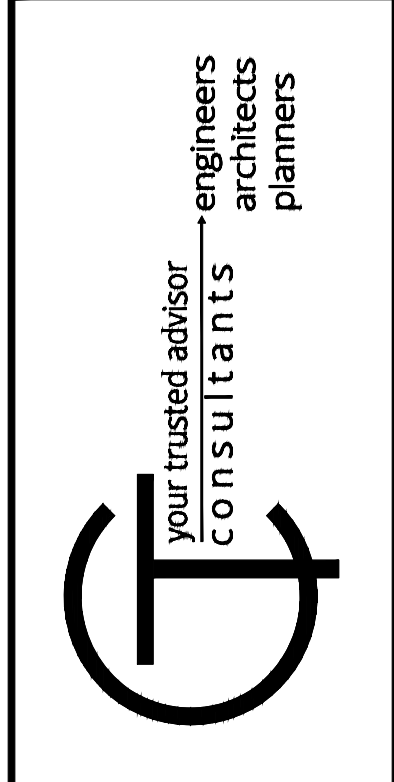
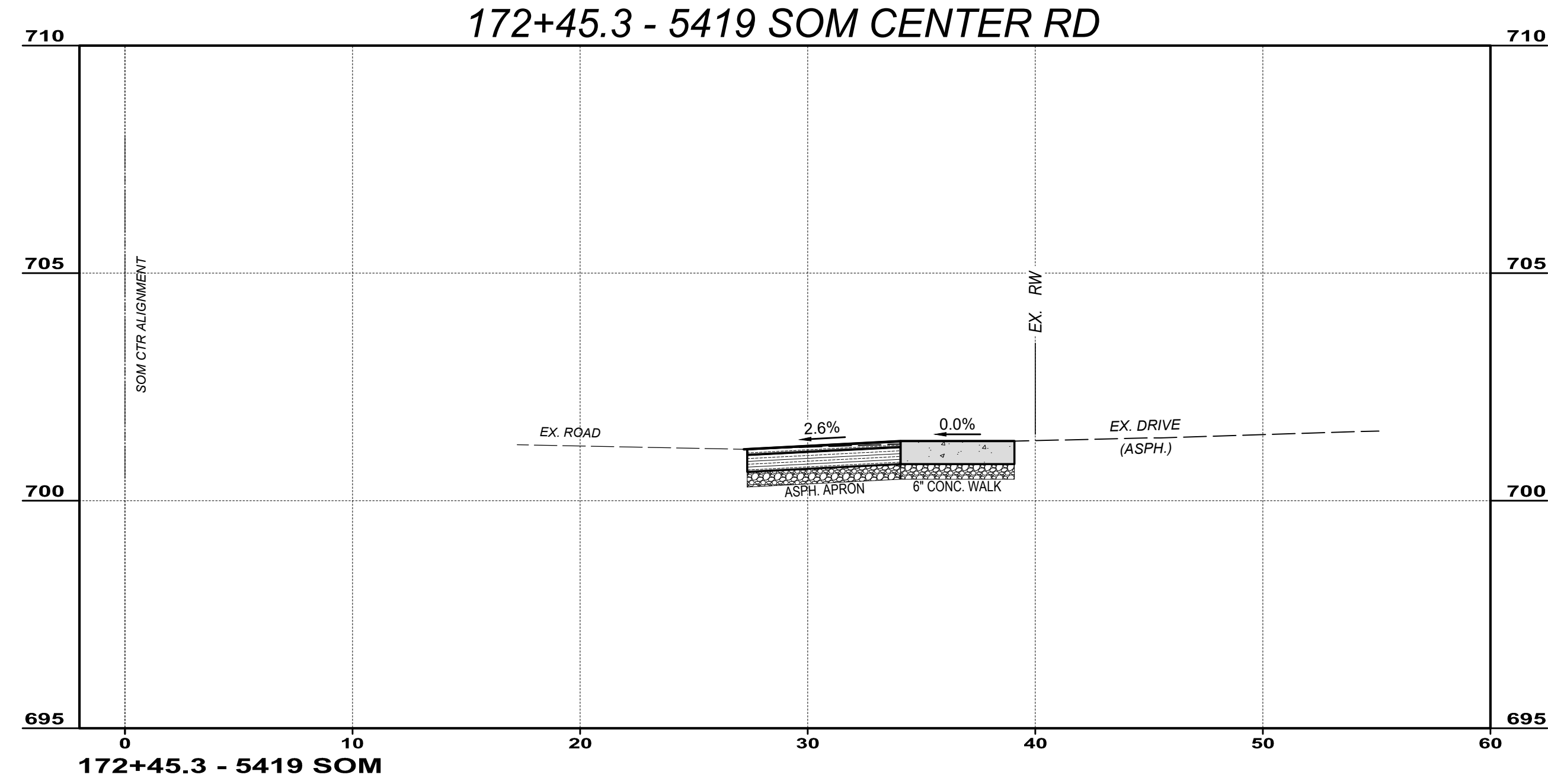
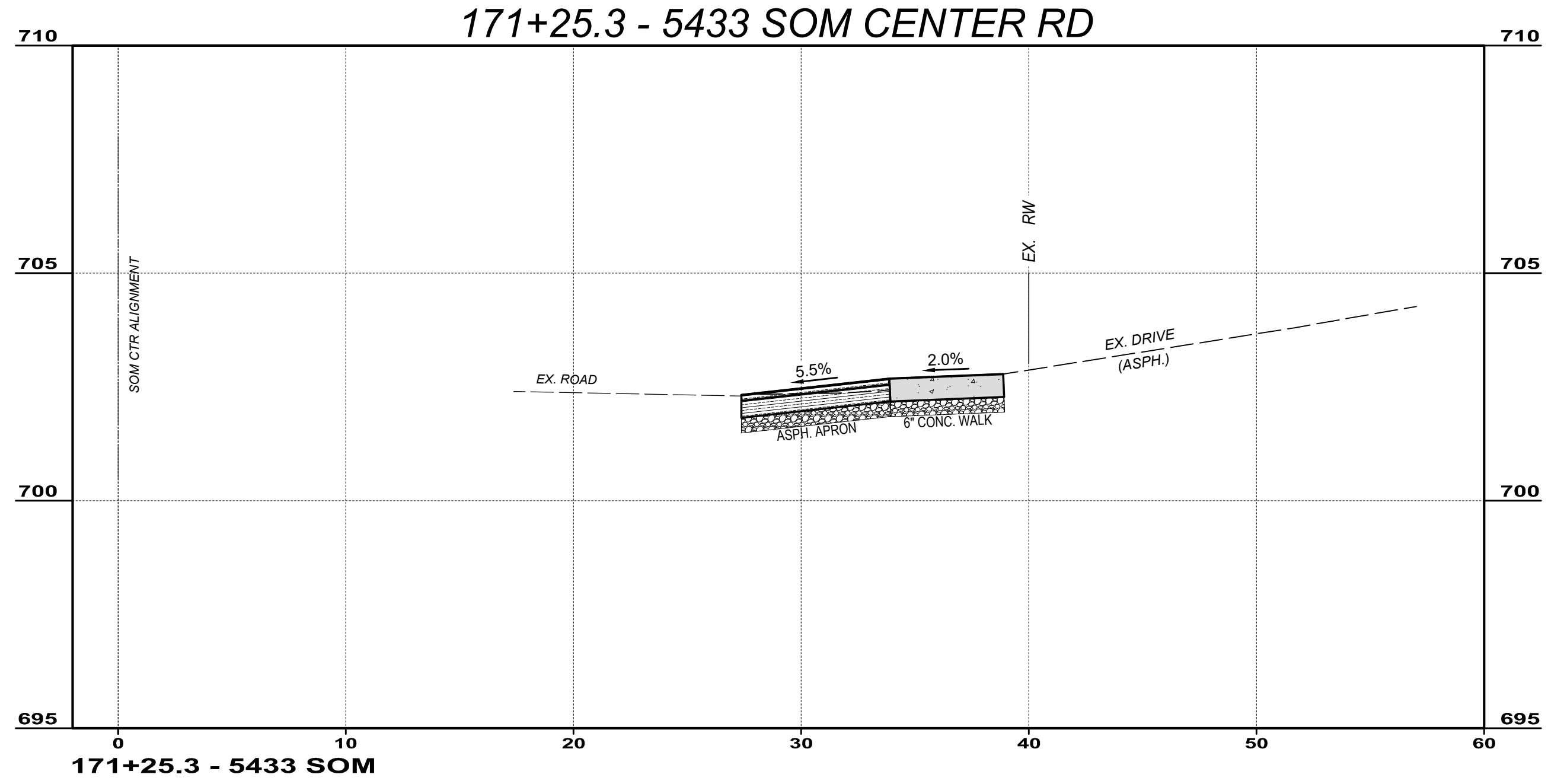
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PROF-3
SHEET	OF
17	27



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
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SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 4

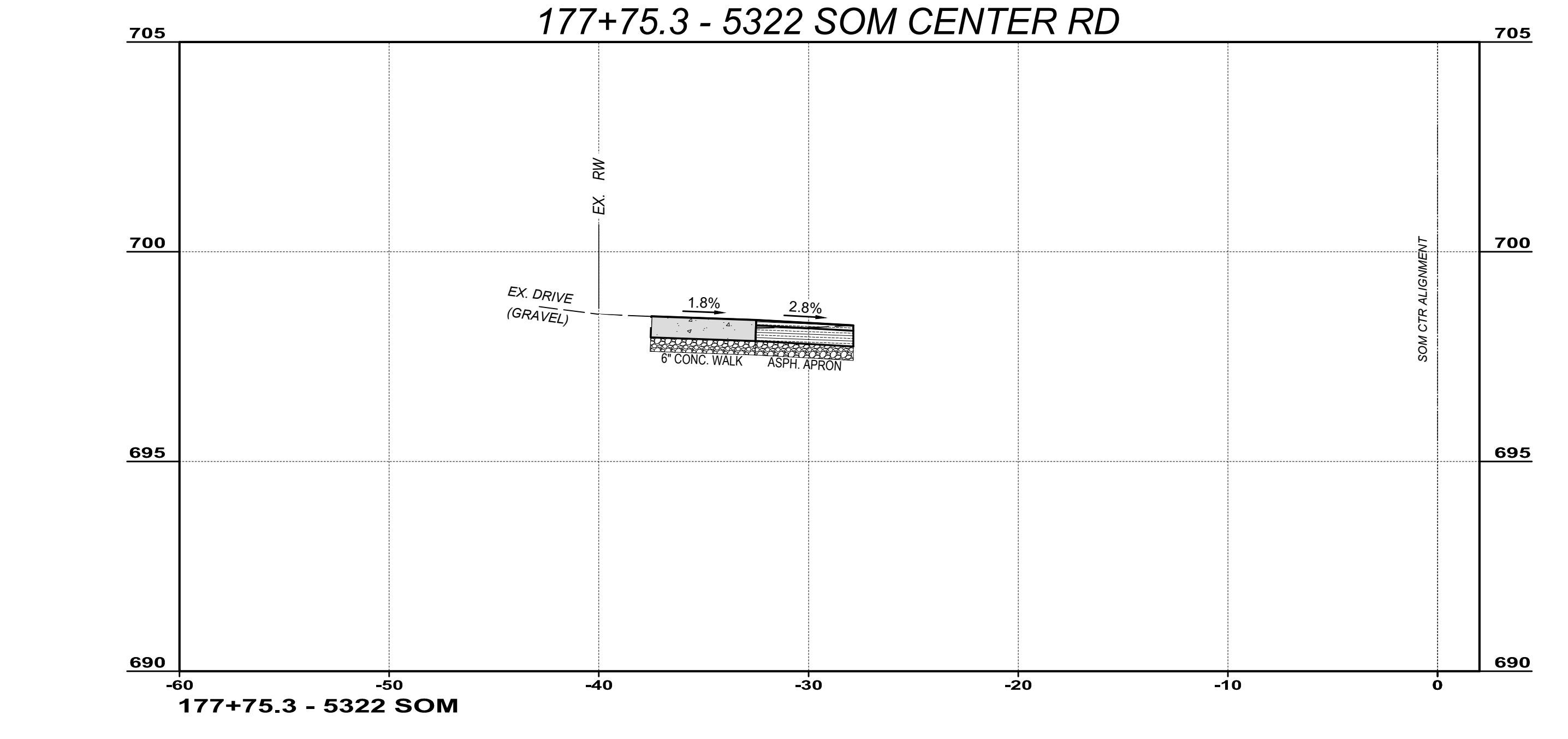
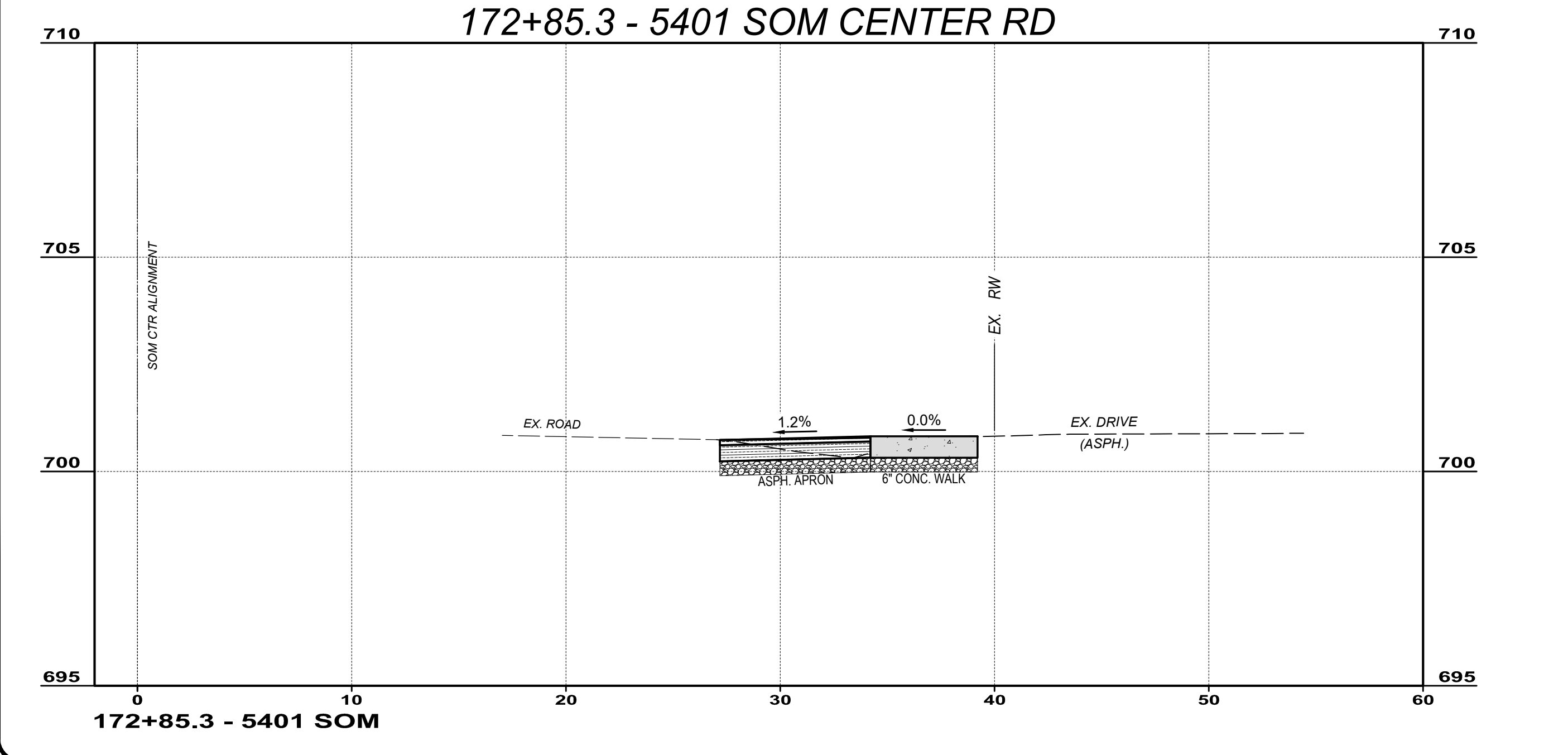
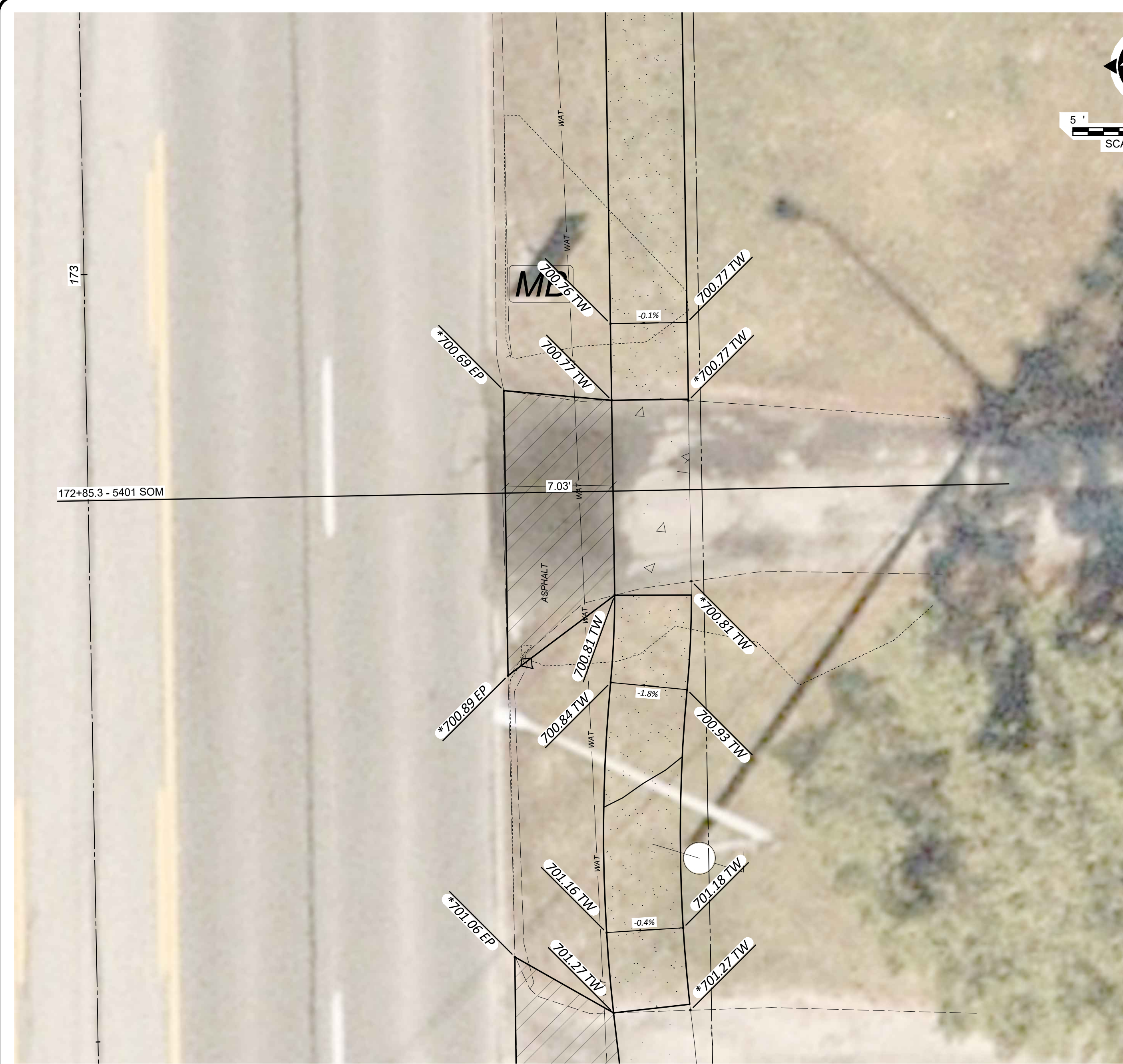
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PROF-4
SHEET	18
OF	27



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE: 05/22/24	AS SHOWN			
SCALE:	GMS			
DESIGNED BY:	SNK/GMS			
DRAWN BY:	TRL			
CHECKED BY:				

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 5

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PROF-5
SHEET	19
OF	27

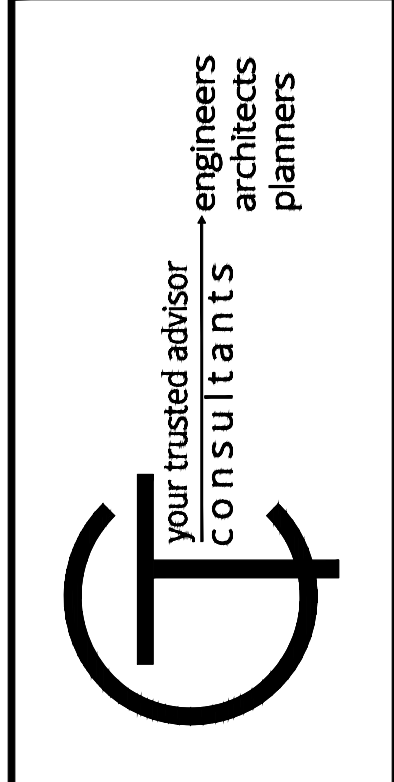
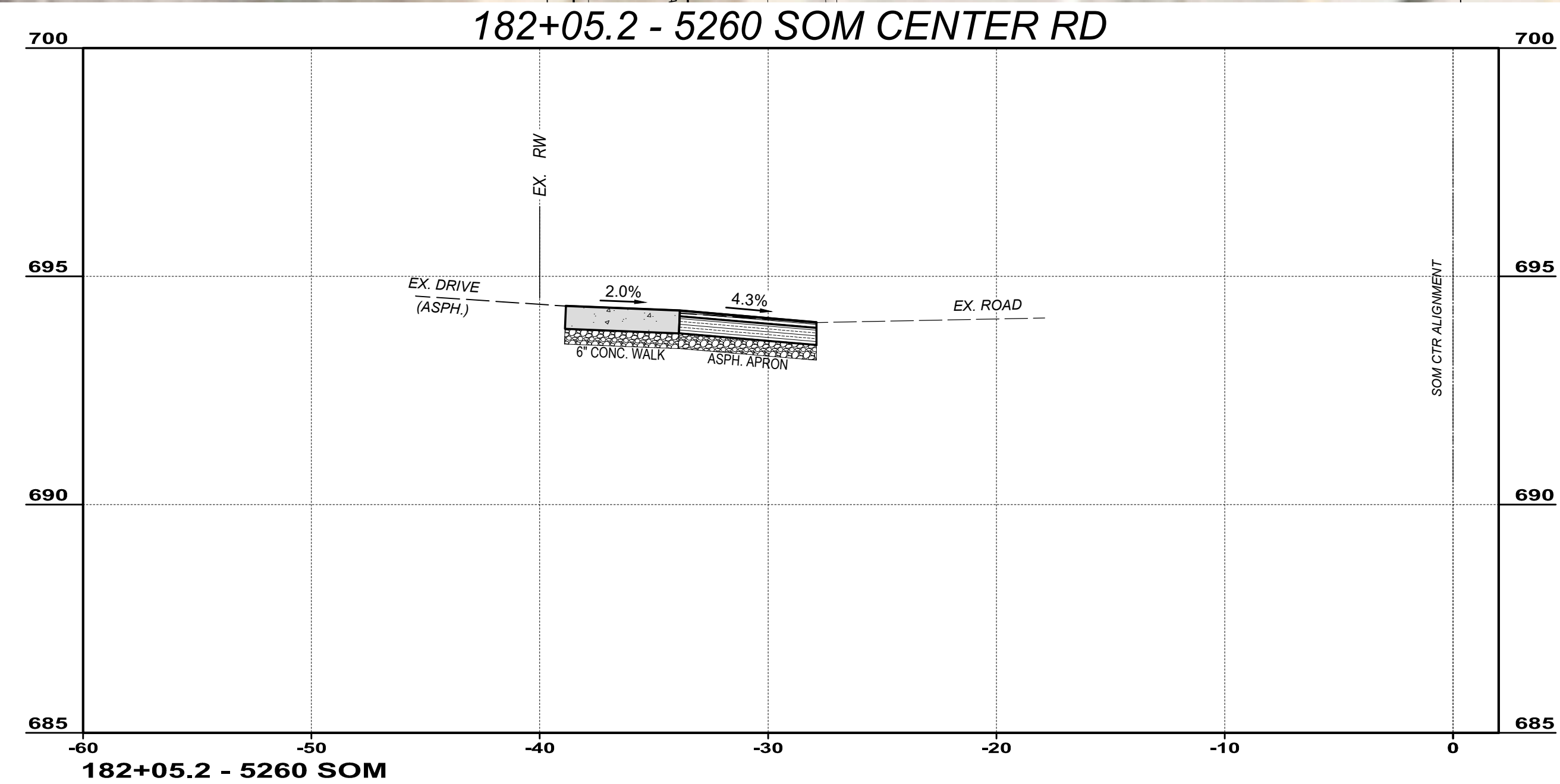
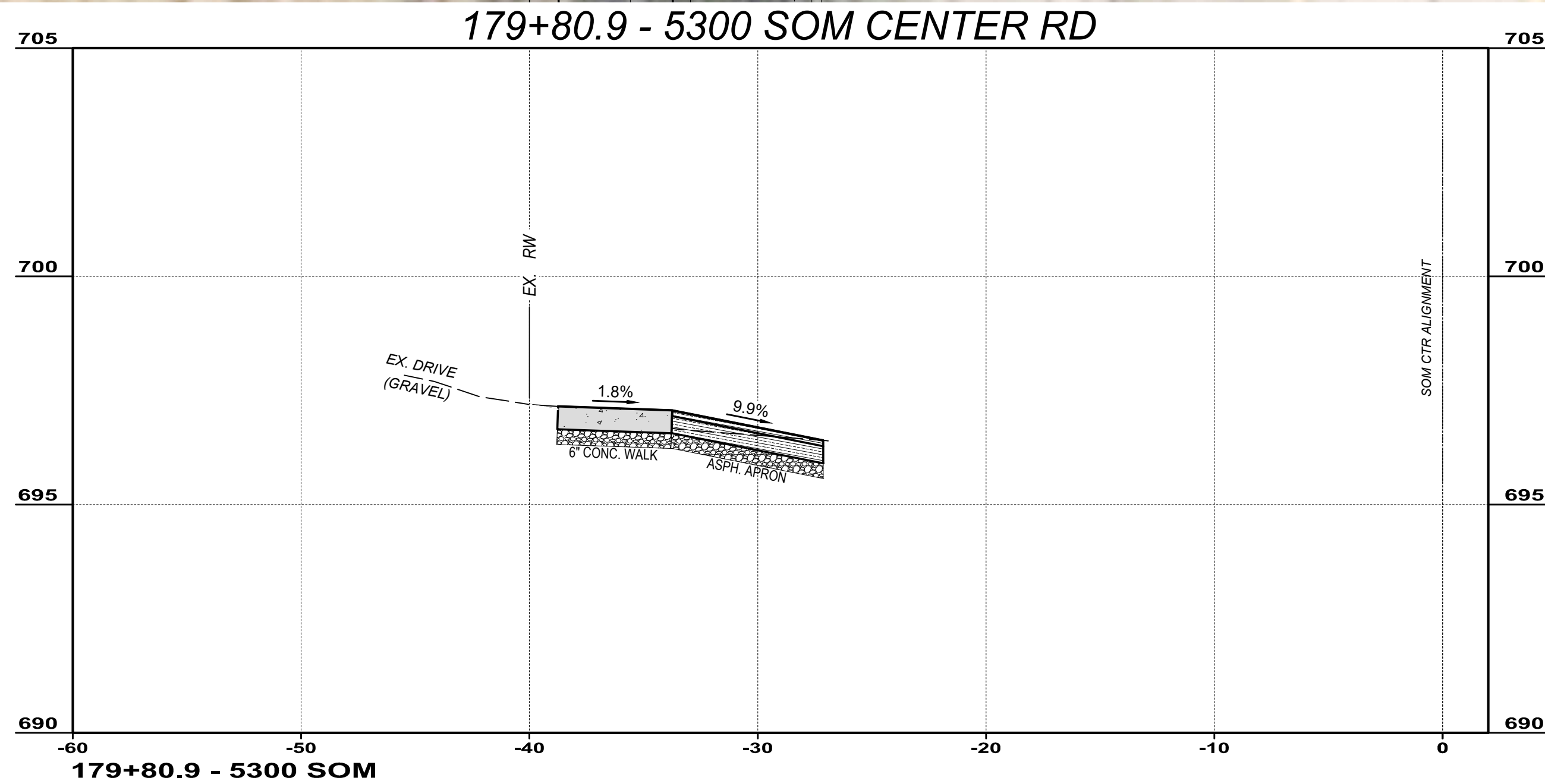
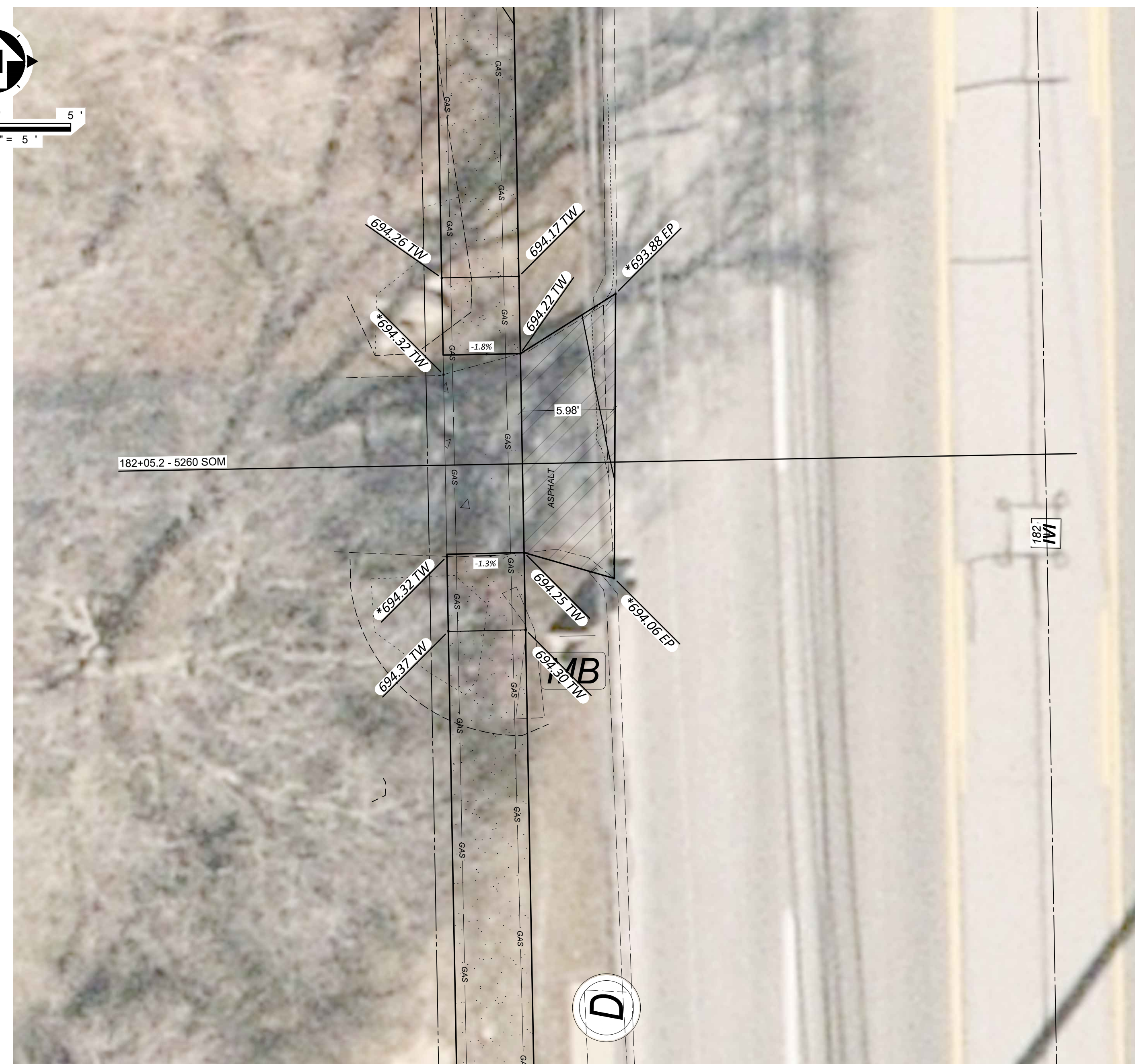


your trusted advisor
CONSULTANTS
 engineers
 architects
 planners

ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 6

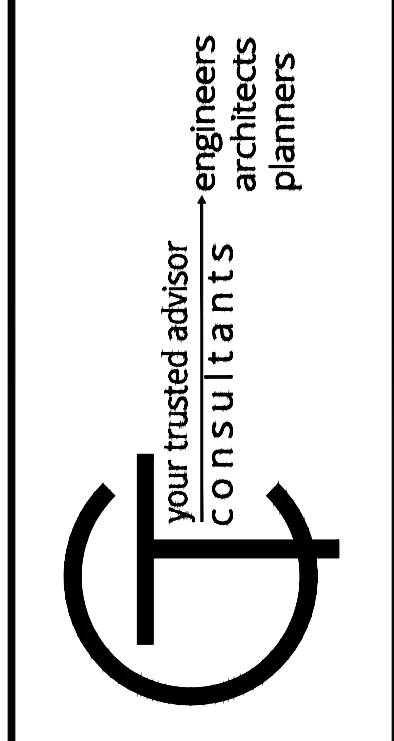
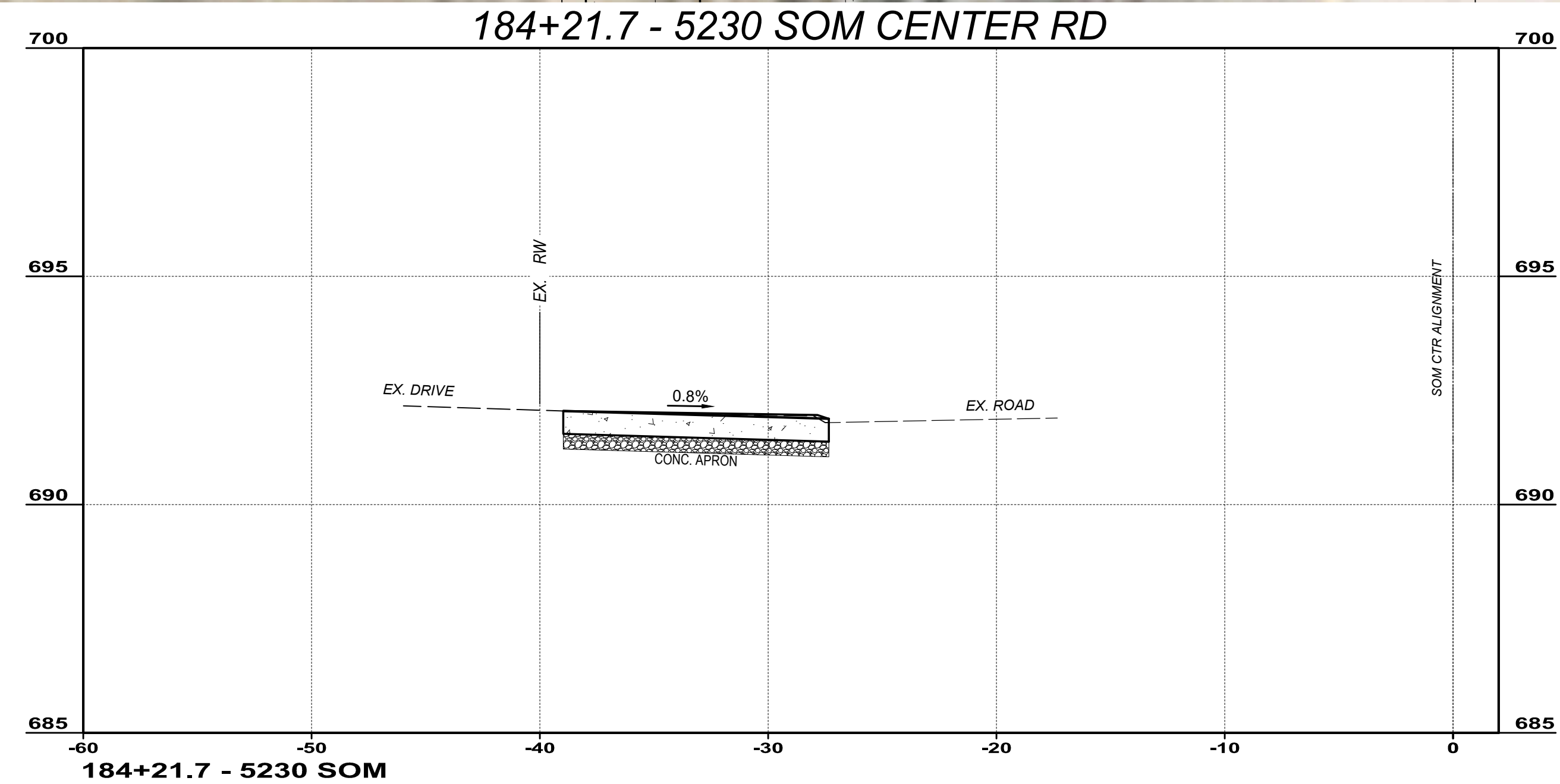
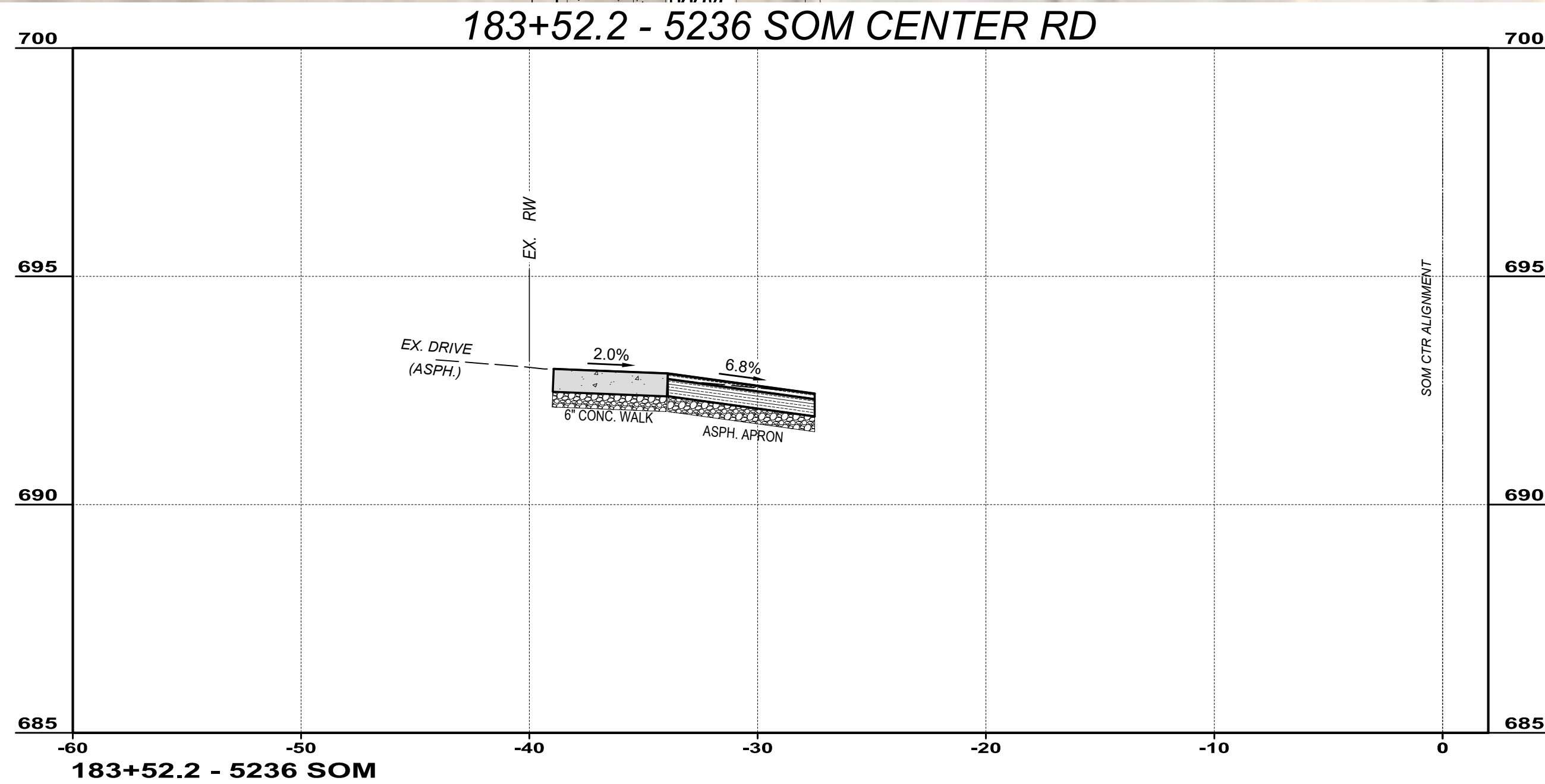
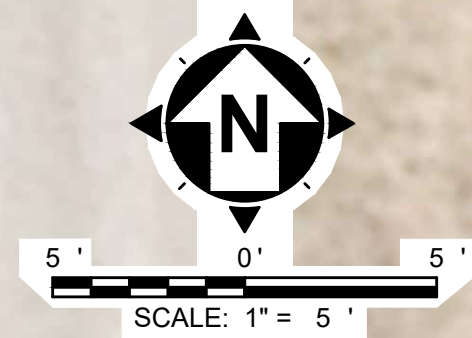
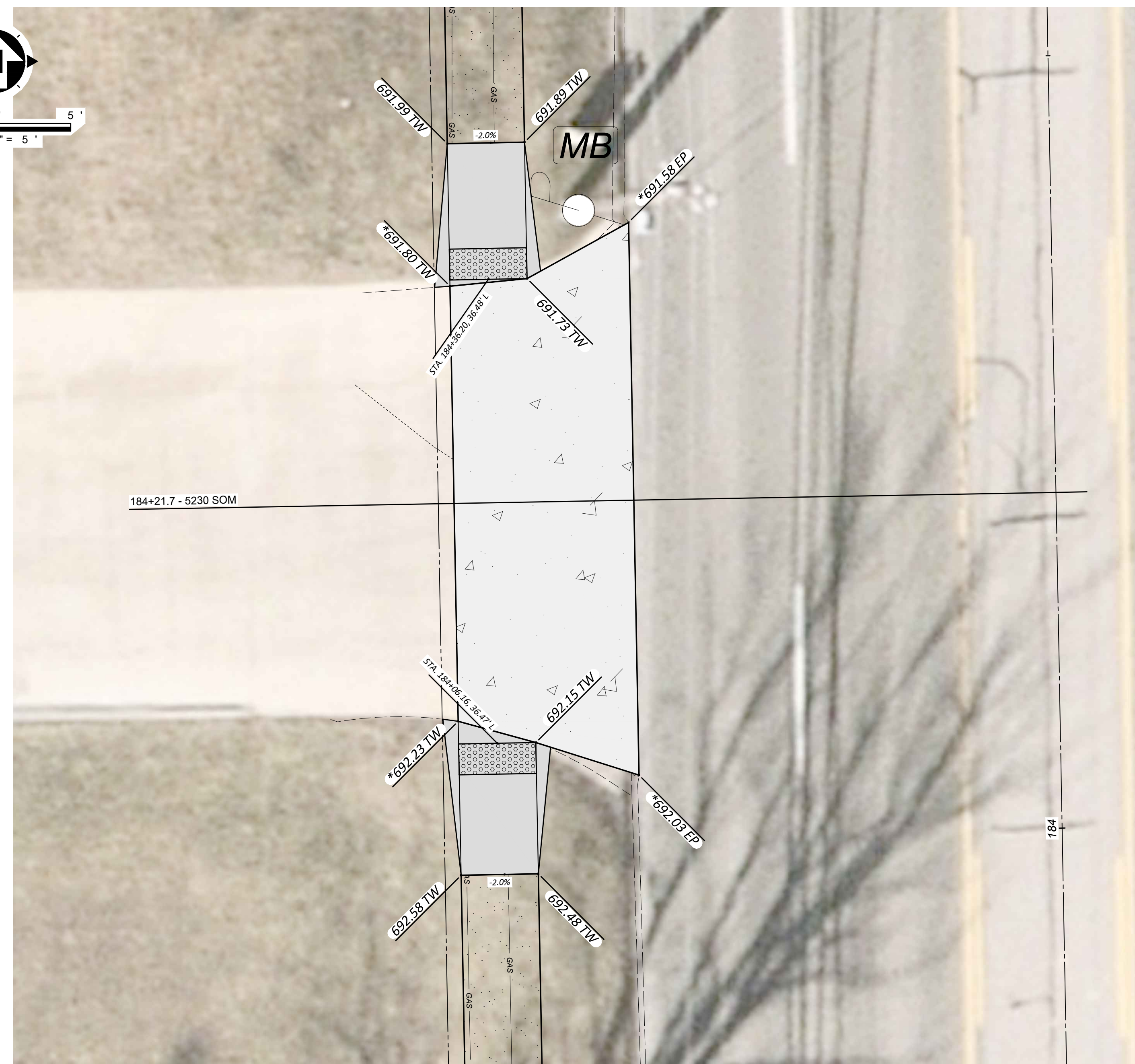
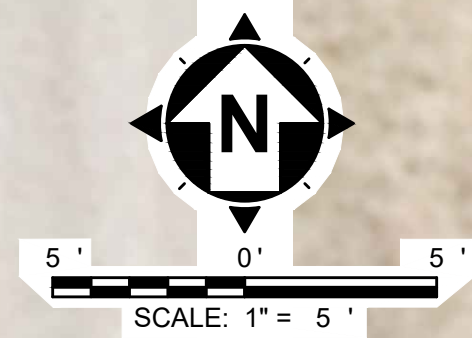
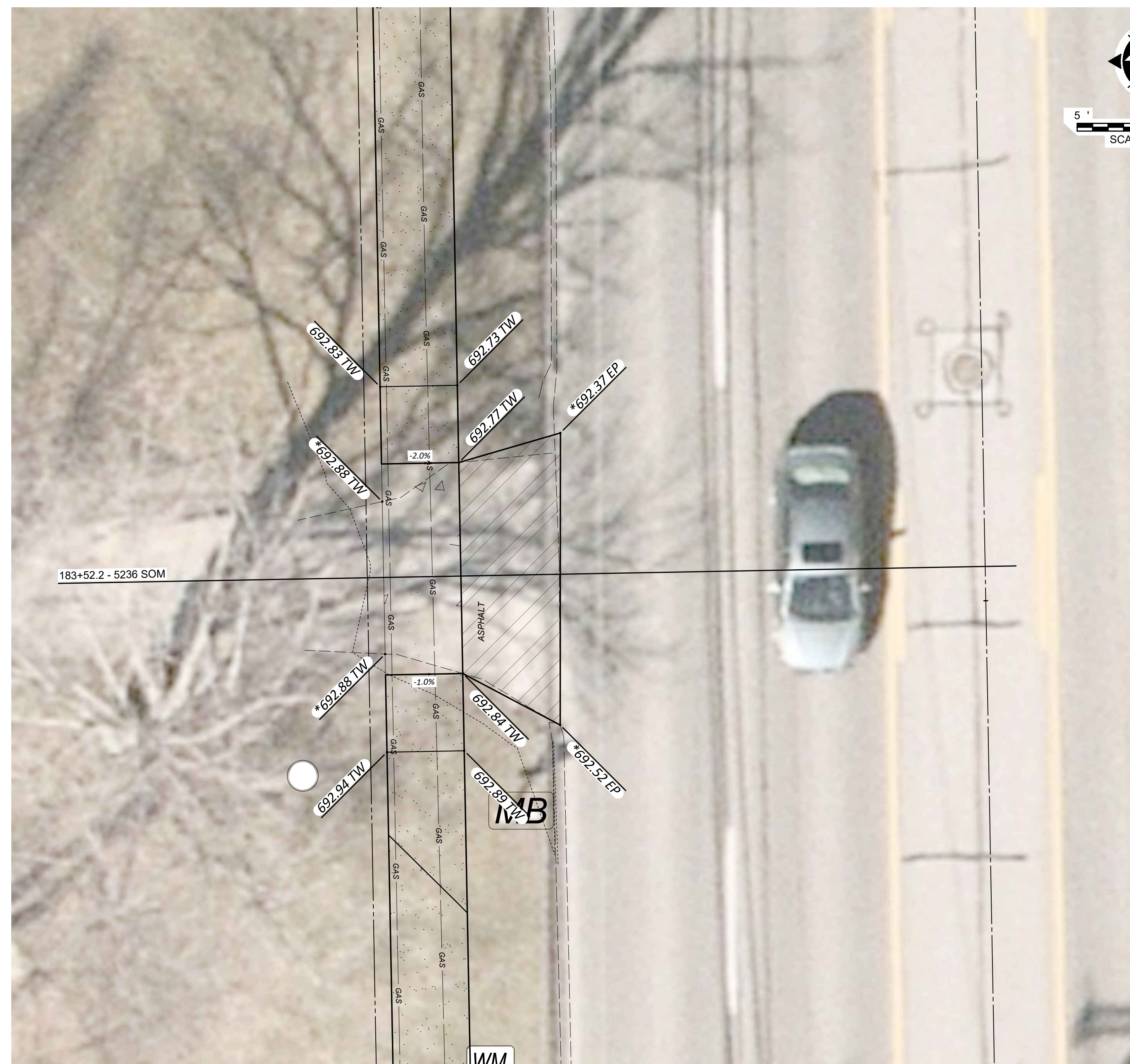
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PROF-6
SHEET	20
OF	27



ISSUED FOR:	BIDSET	NO	REVISION	DATE
ISSUE DATE:	05/22/24			
SCALE:	AS SHOWN			
DESIGNED BY:	GMS			
DRAWN BY:	SNK/GMS			
CHECKED BY:	TRL			

SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 7

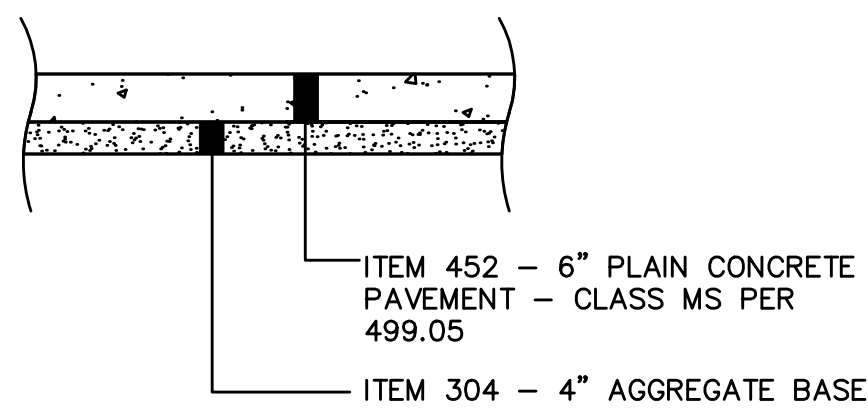
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	PROF-7
SHEET	21
OF	27



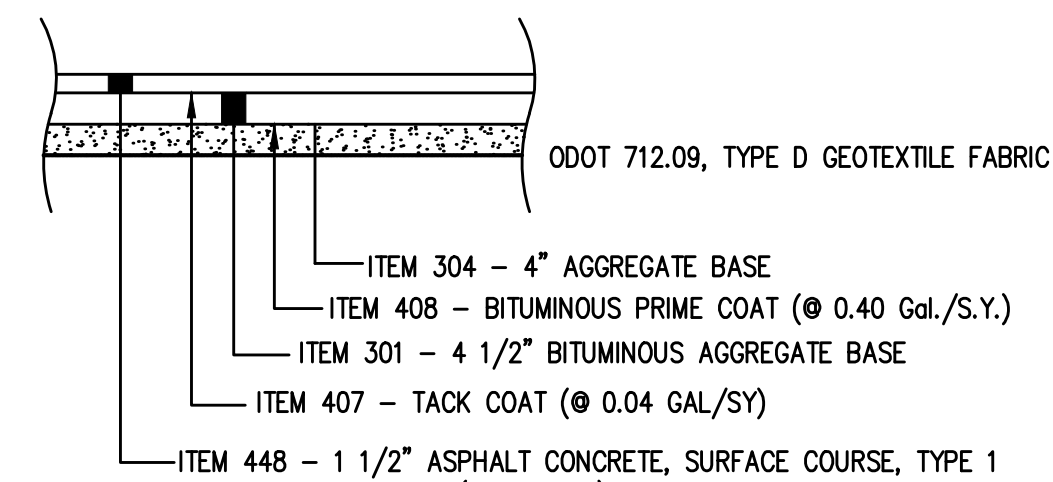
ISSUED FOR:	BIDSET NO.	REVISION	DATE
ISSUE DATE: 05/22/24			
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SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
DRIVE PROFILES - 8

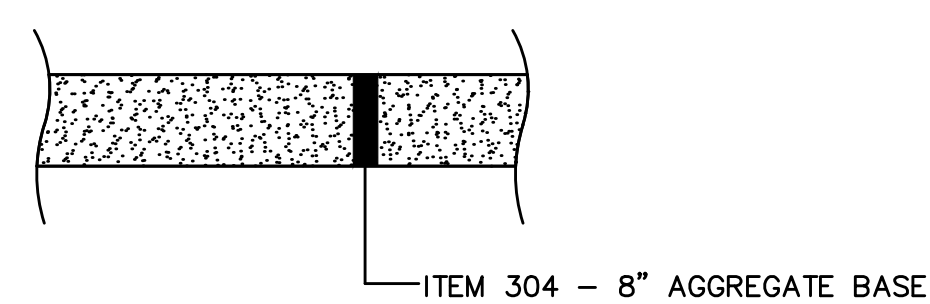
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DISCIPLINE	CIVIL
SHEET NAME	PROF-8
SHEET	22
OF	27



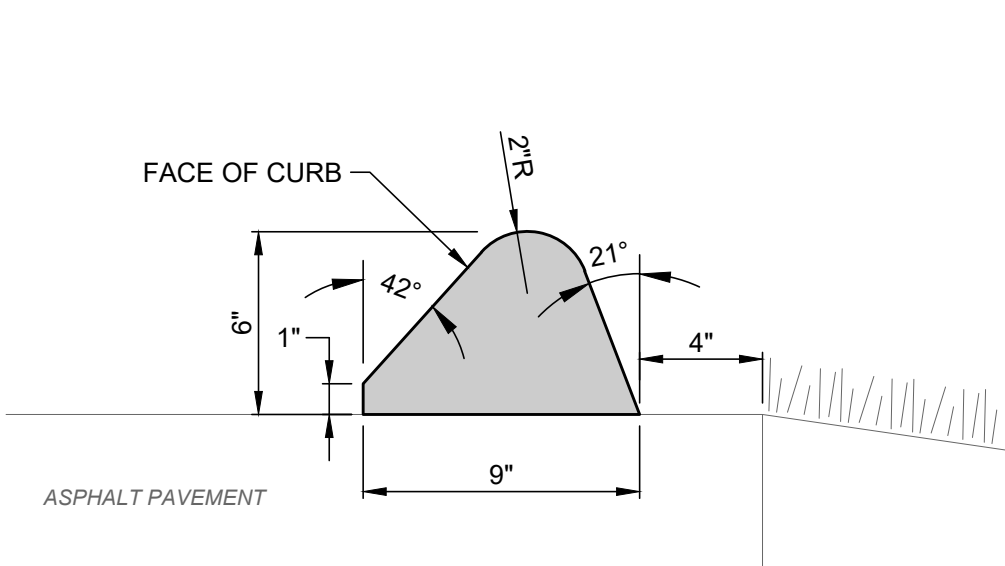
ITEM 253 - TYPE "A" PAVEMENT REPLACEMENT (CONCRETE), DRIVEWAY, APRON OR PARKING LOT, AS PER PLAN
(Residential Concrete Drives)



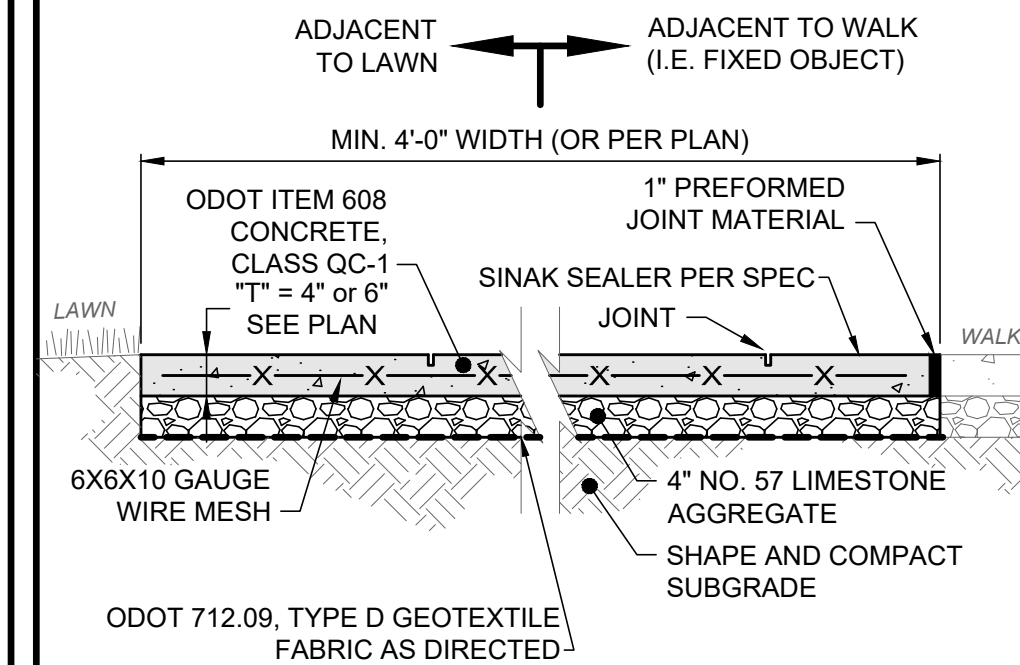
ITEM 253 - TYPE "C" PAVEMENT REPLACEMENT (ASPHALT), DRIVEWAY, APRON OR PARKING LOT, AS PER PLAN
(Residential Asphalt Drives)



ITEM 253 - TYPE "F" PAVEMENT REPLACEMENT (STONE), DRIVEWAY, APRON OR PARKING LOT, AS PER PLAN
(Residential Stone Drives)



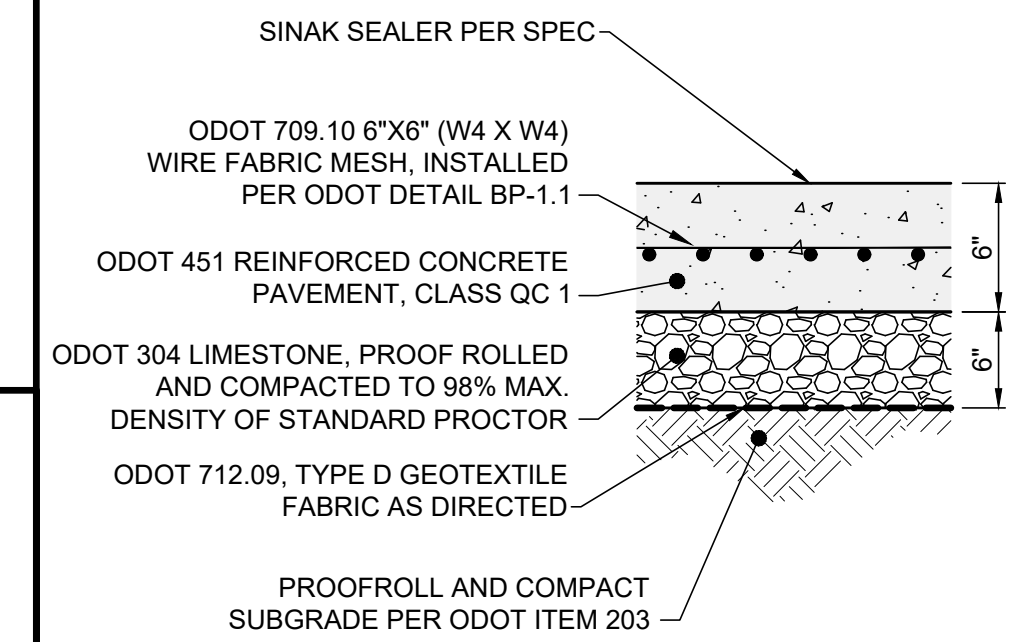
ASPHALT CURB DETAIL
SCALE: NONE



NOTES:

1. SEE LAYOUT PLAN FOR JOINT LOCATIONS. IF JOINTS ARE NOT PROVIDED, THEN THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL JOINTS. DIVIDE JOINTS INTO EQUALLY SPACED RECTANGULAR BLOCKS.
2. SAW CUT OR HAND TOOL JOINT 1/8" WIDE BY 1/4 OF "T" DEEP.
3. ROUND ALL EDGES AND JOINTS WITH A 1/4" RADIUS.
4. INSTALL PREFORMED JOINT MATERIAL EVERY 30', OR BETWEEN SIDEWALK AND FIXED OBJECT (I.E. MANHOLE, WALK, BUILDING), WALK SHOWN FOR REFERENCE ONLY.
5. LIGHTLY BROOM THE FINISH PERPENDICULAR TO THE WALKING PATH OR PER PLAN. IF HAND TOOLED JOINTS AND EDGES ARE SPECIFIED, FINISH AFTER PANEL INTERIOR TEXTURE HAS BEEN APPLIED (I.E. WINDOW PANE EFFECT).
6. APPLY LIQUID-MEMBRANE CURING COMPOUND (200 S.F./GAL.)

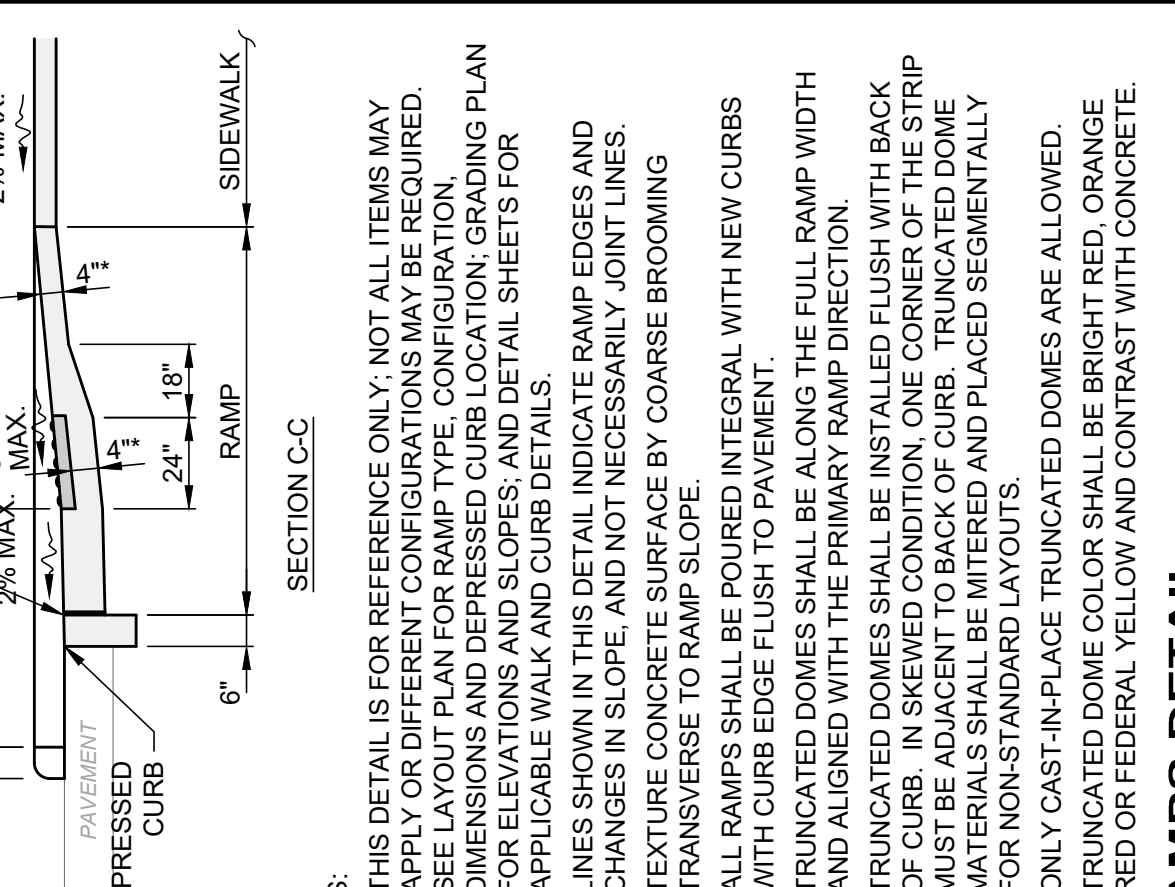
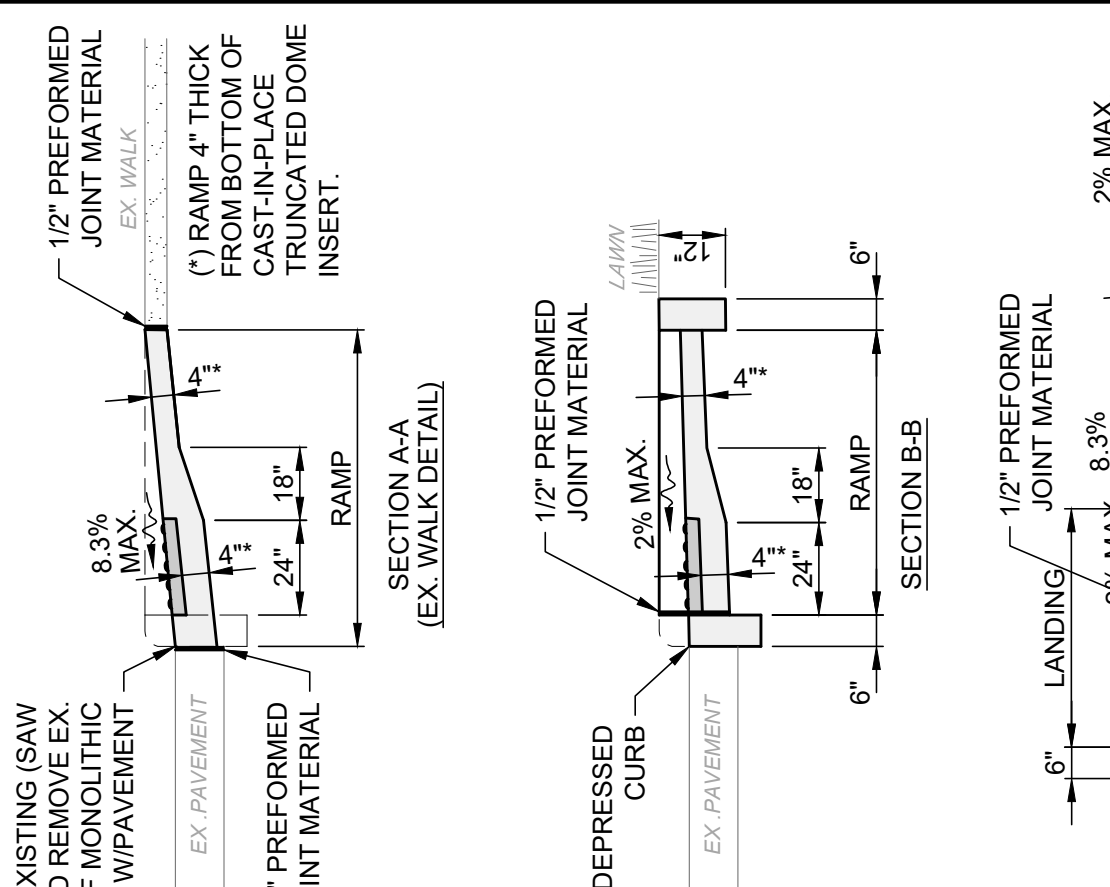
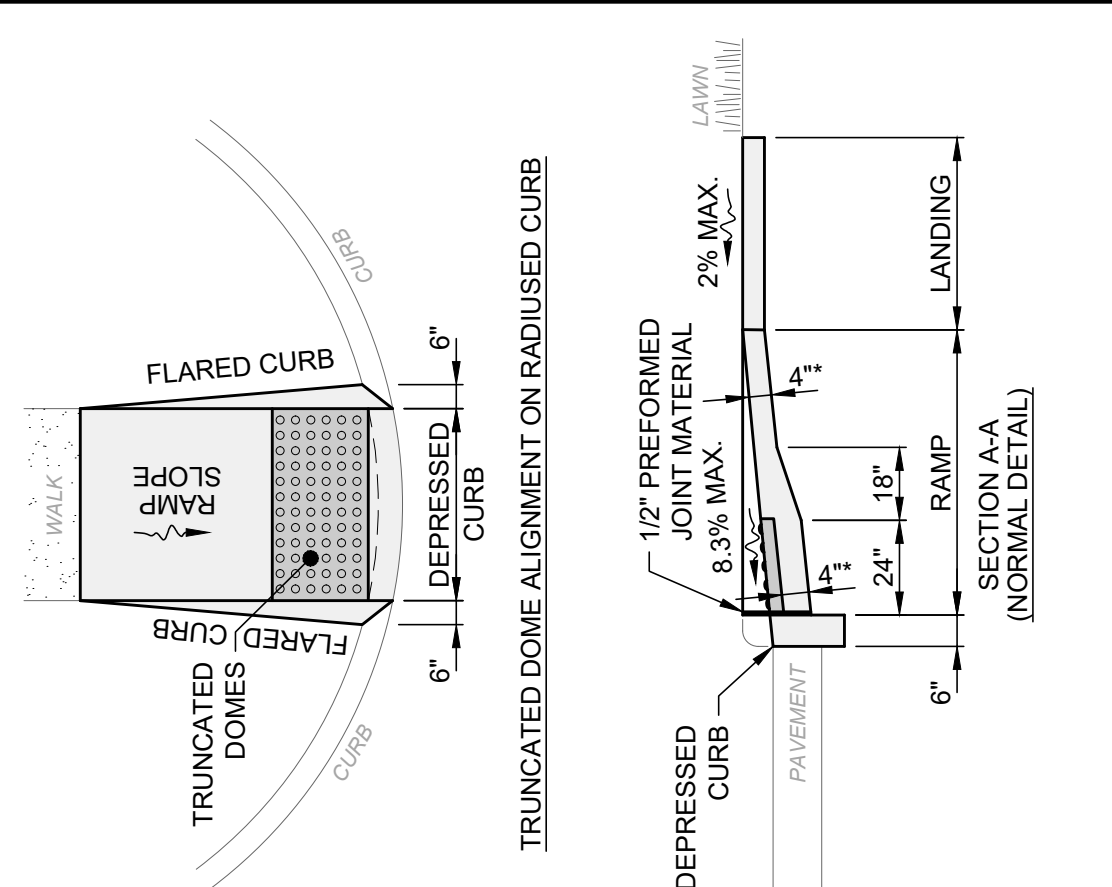
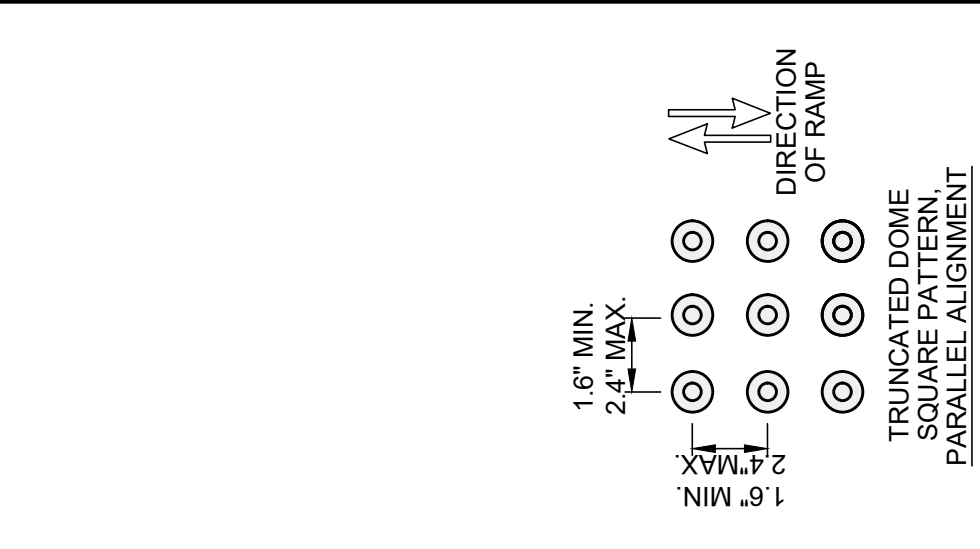
CONCRETE WALK DETAIL
SCALE: NONE



NOTES:

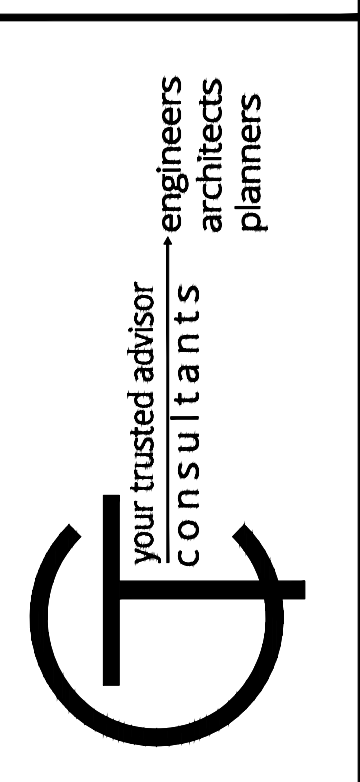
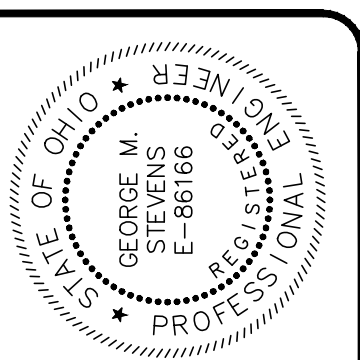
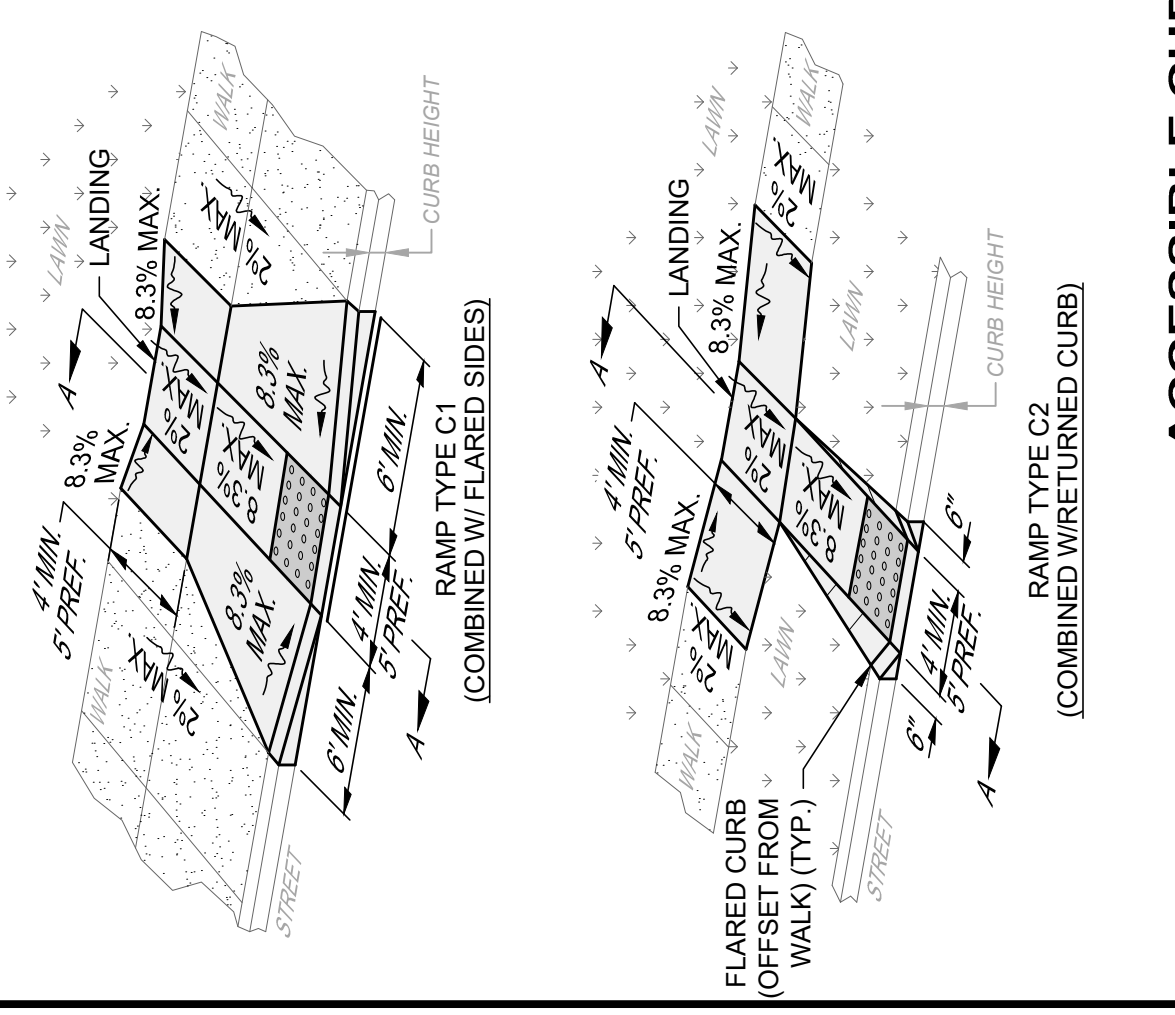
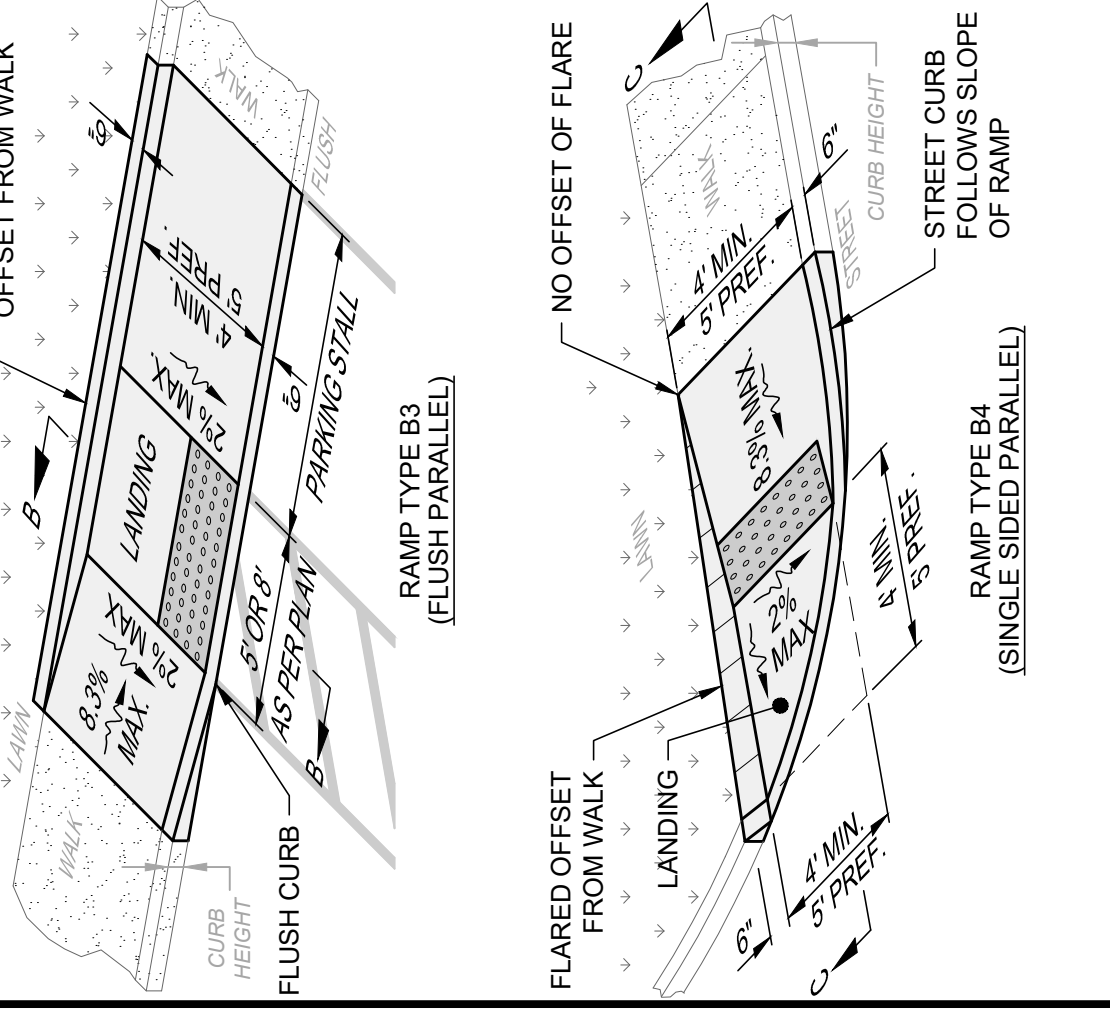
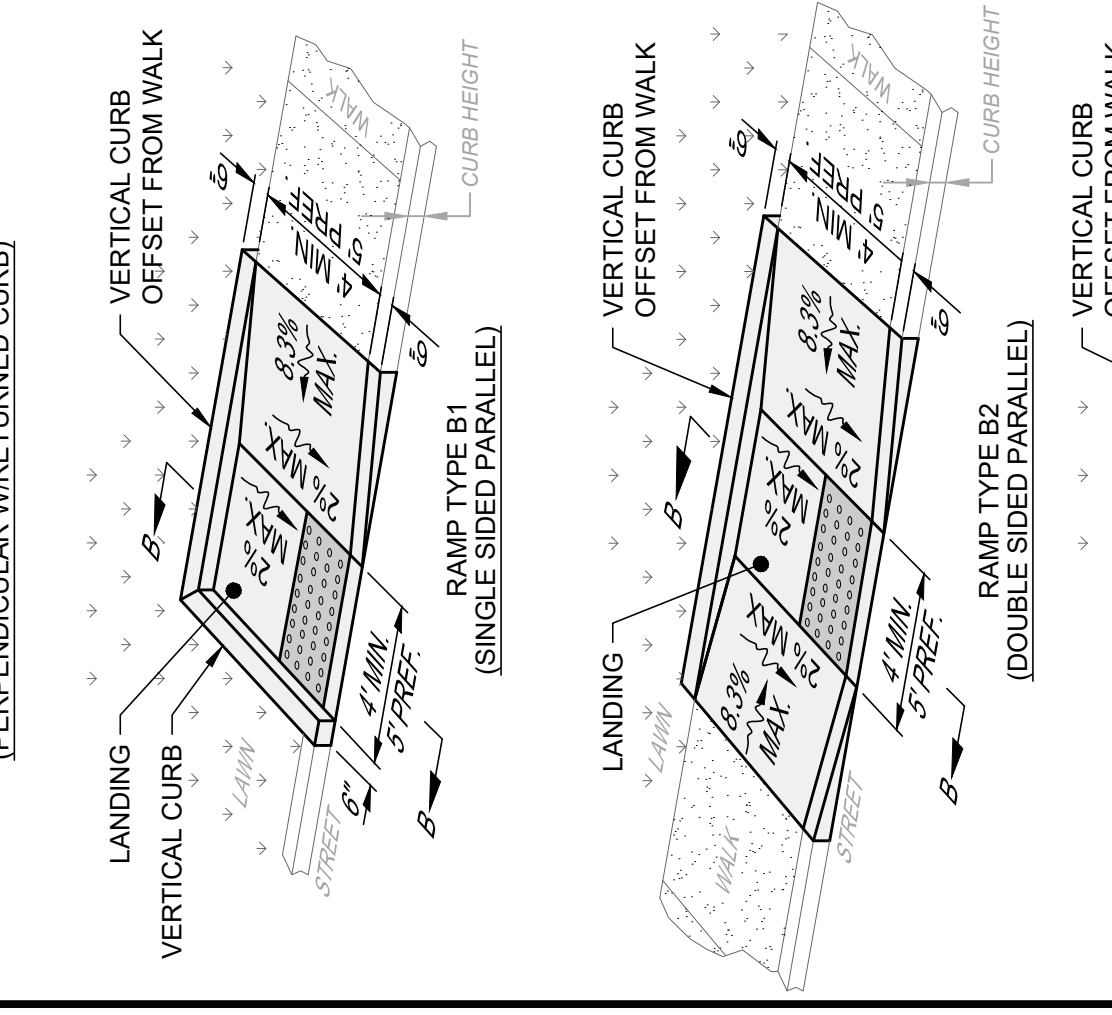
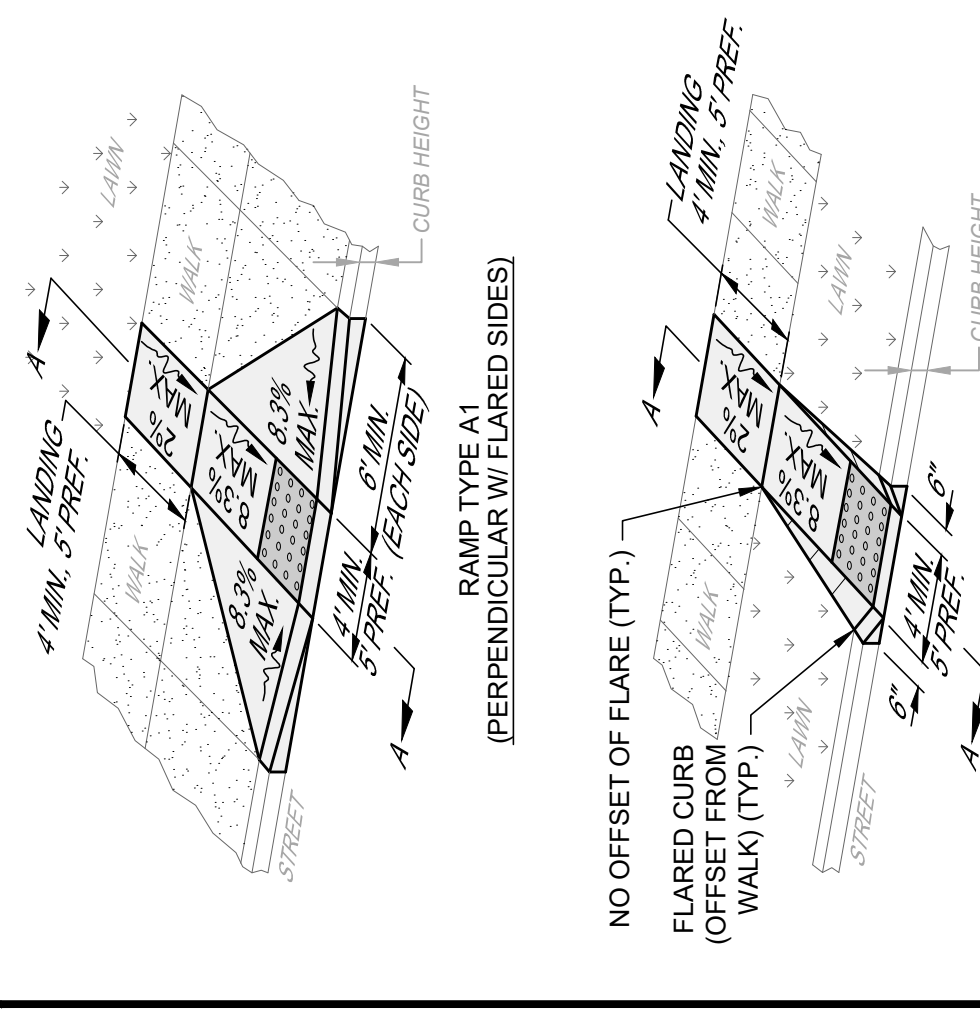
1. SEE LAYOUT PLAN FOR JOINT LOCATIONS. IF JOINTS ARE NOT SHOWN, THEN THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL JOINTS. DIVIDE JOINTS INTO EQUALLY SPACED RECTANGULAR BLOCKS.
2. APPLY LIQUID-MEMBRANE CURING COMPOUND (200 S.F./GAL.).
3. IF UNSUITABLE SOILS EXISTS, UNDERCUT SUBGRADE AND REPLACE WITH ODOT ITEM 304 CRUSHED LIMESTONE, 12" MIN.

REINFORCED CONCRETE PAVEMENT DETAIL
SCALE: NONE



- NOTES:**
1. THIS DETAIL IS FOR REFERENCE ONLY; NOT ALL ITEMS MAY APPLY OR DIFFERENT CONFIGURATIONS MAY BE REQUIRED. SEE LAYOUT PLAN FOR RAMP TYPE, CONFIGURATION, DIMENSIONS AND DEPRESSED CURB LOCATION. GRADING PLAN FOR ELEVATIONS AND SLOPES; AND DETAIL SHEETS FOR APPLICABLE WALK AND CURB DETAILS.
 2. LINES SHOWN IN THIS DETAIL INDICATE RAMP EDGES AND CHANGES IN SLOPE, AND NOT NECESSARILY JOINT LINES.
 3. TEXTURE CONCRETE SURFACE BY COARSE BROOMING TRANSVERSE TO RAMP SLOPE.
 4. ALL RAMPS SHALL BE POURED INTEGRAL WITH NEW CURBS WITH CURB EDGE FLUSH TO PAVEMENT.
 5. TRUNCATED DOMES SHALL BE ALONG THE FULL RAMP WIDTH AND ALIGNED WITH THE PRIMARY RAMP DIRECTION.
 6. TRUNCATED DOMES SHALL BE INSTALLED FLUSH WITH BACK OF CURB. IN SKEWED CONDITION, ONE CORNER OF THE STRIP MUST BE ADJACENT TO BACK OF CURB. TRUNCATED DOME MATERIALS SHALL BE MITERED AND PLACED SEGMENTALLY FOR NON-STANDARD LAYOUTS.
 7. ONLY CAST-IN-PLACE TRUNCATED DOMES ARE ALLOWED.
 8. TRUNCATED DOME COLOR SHALL BE BRIGHT RED, ORANGE RED OR FEDERAL YELLOW AND CONTRAST WITH CONCRETE.

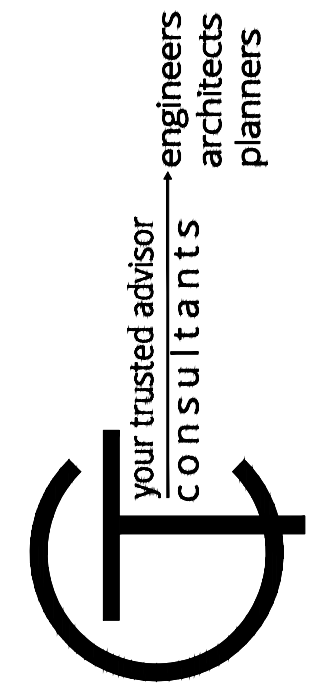
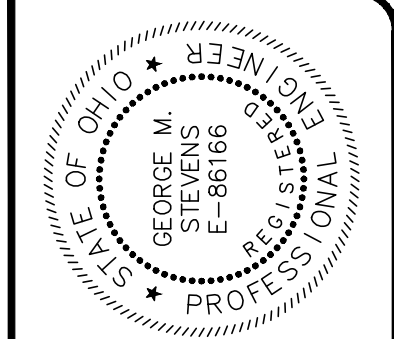
ACCESSIBLE CURB RAMP DETAILS
SCALE: NONE



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DESIGNED BY:	GMS		
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SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
- WILLOUGHBY, OH 44094 -
CONSTRUCTION DETAILS - 1

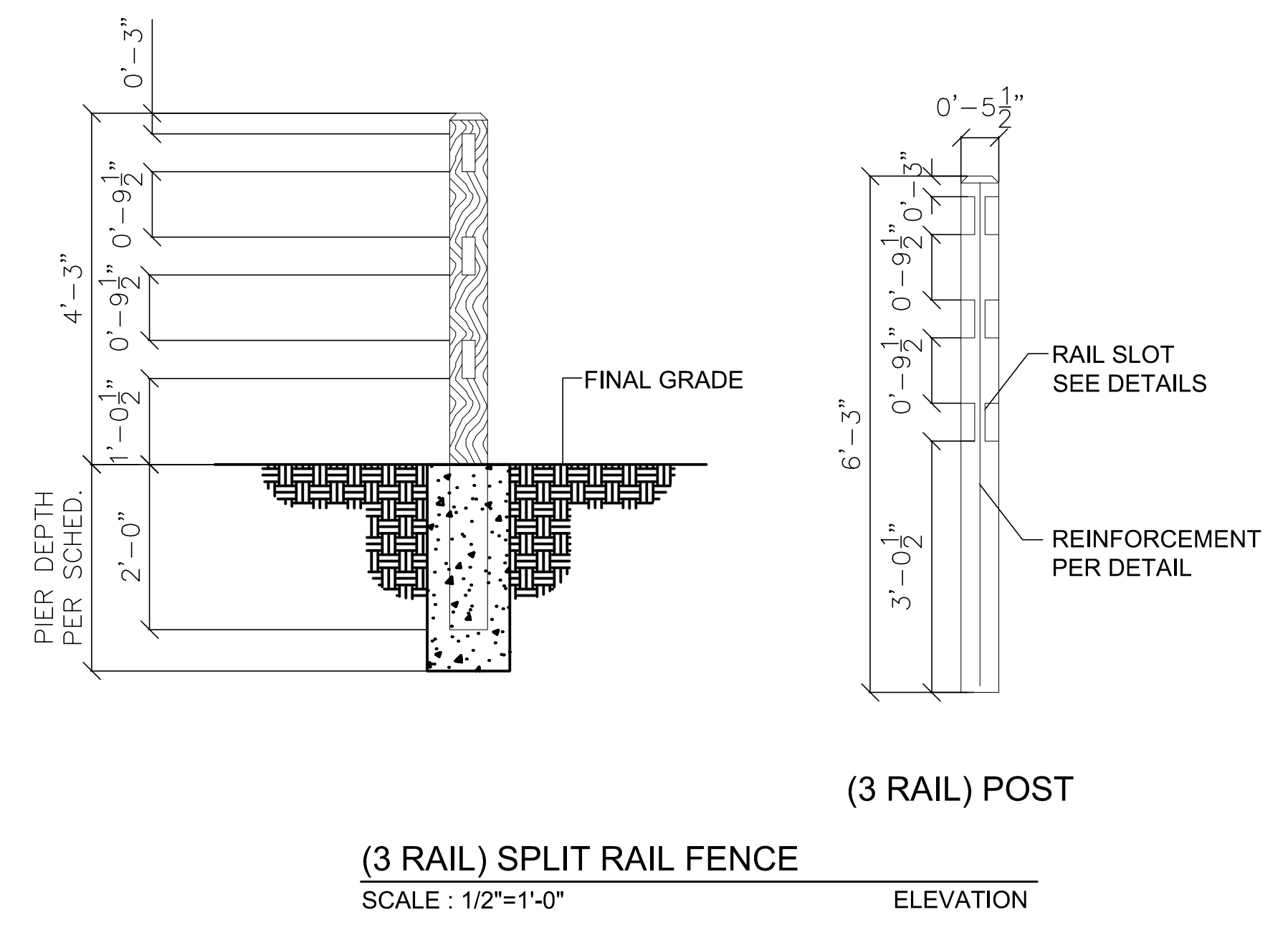
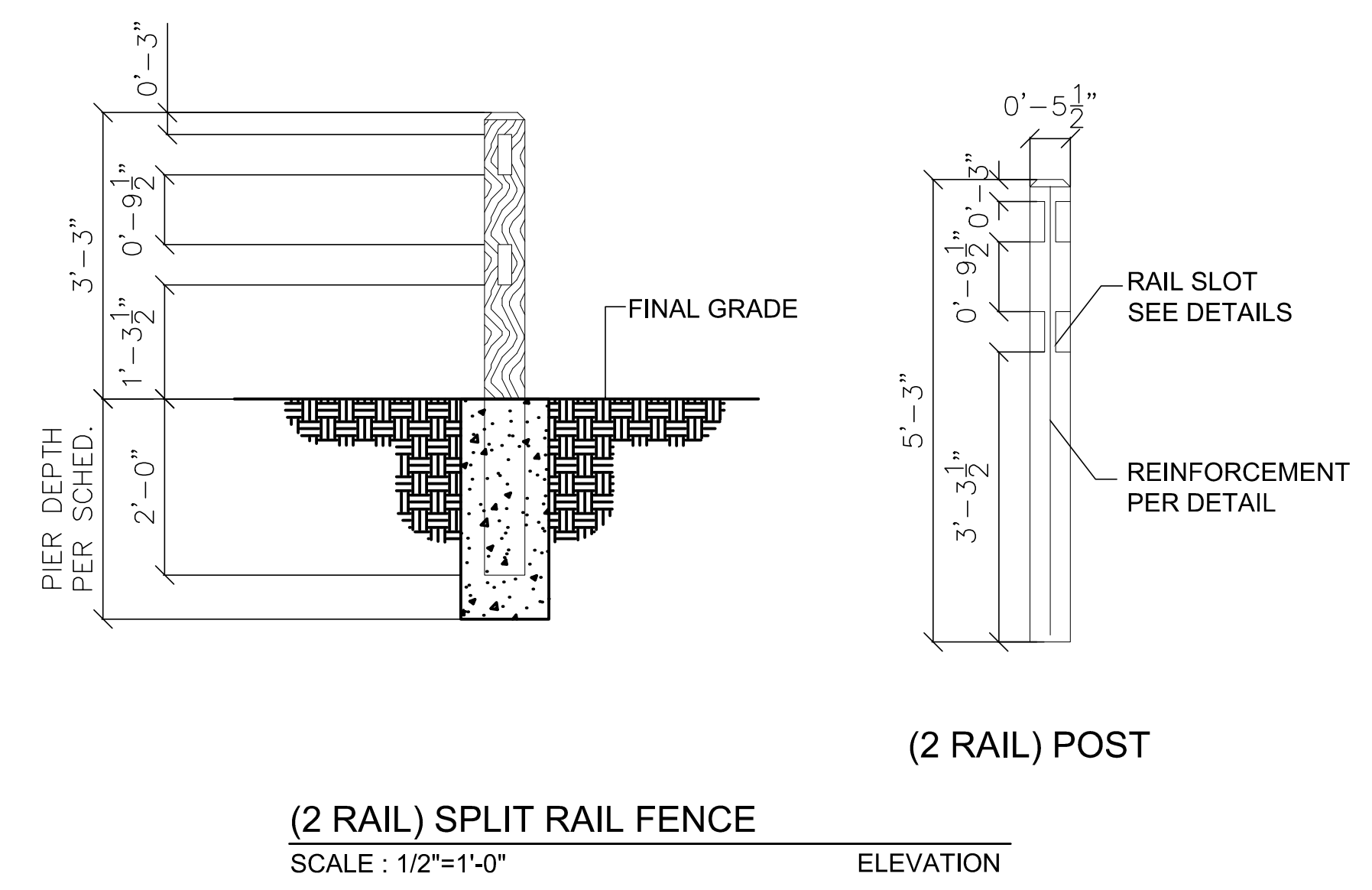
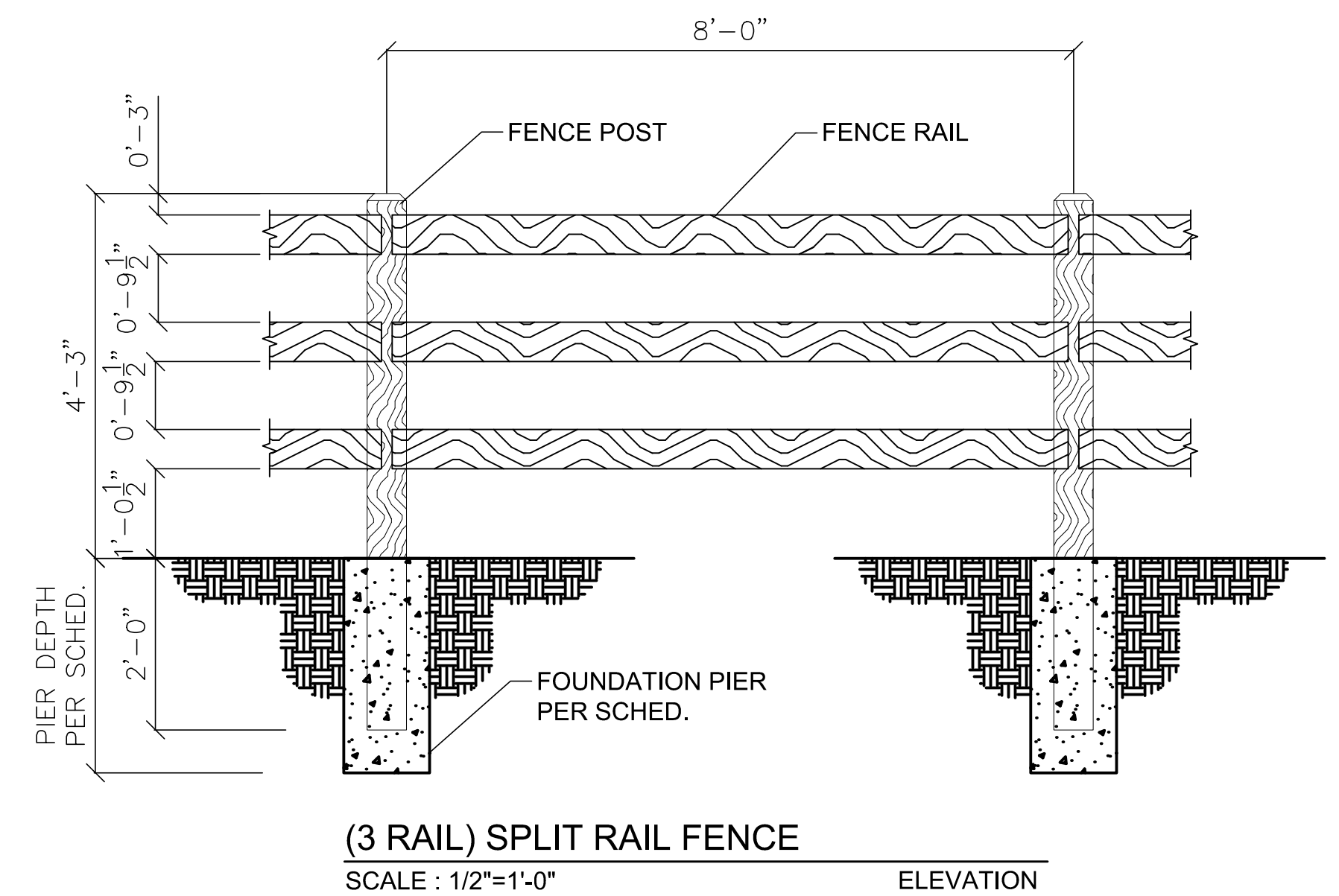
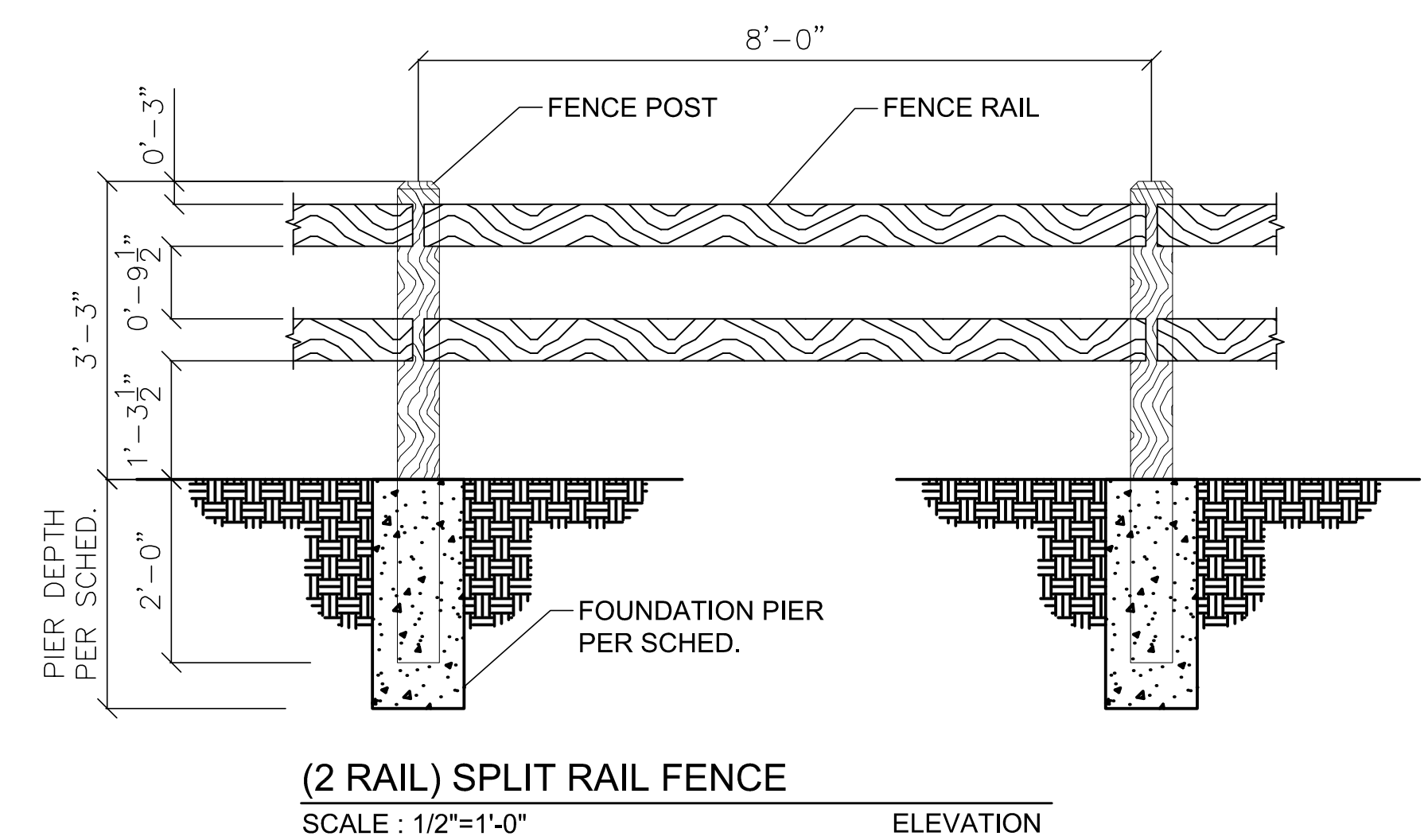
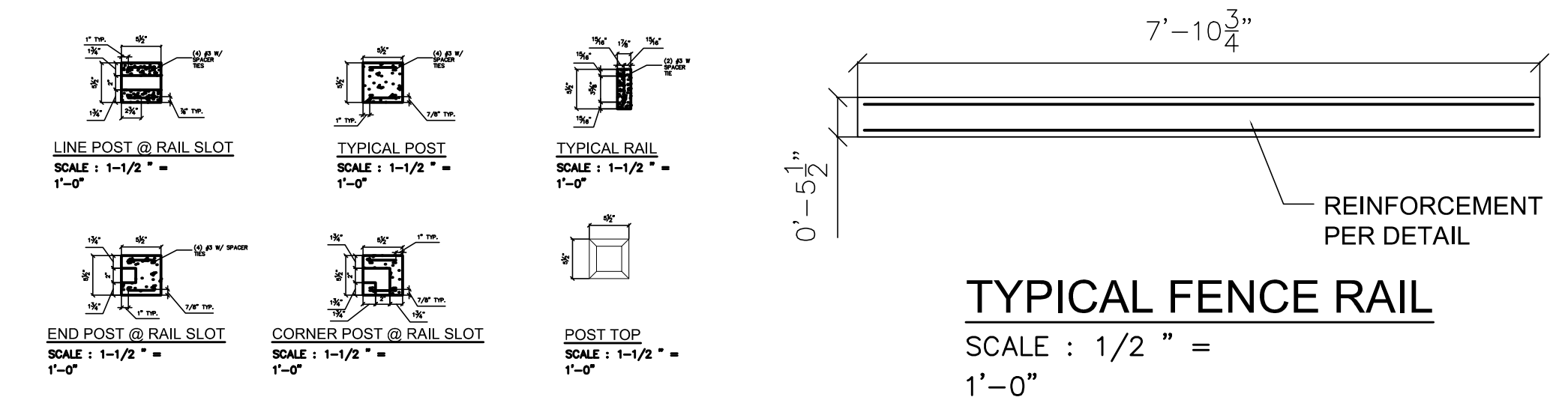
PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	DET-1
SHEET	23
OF	27

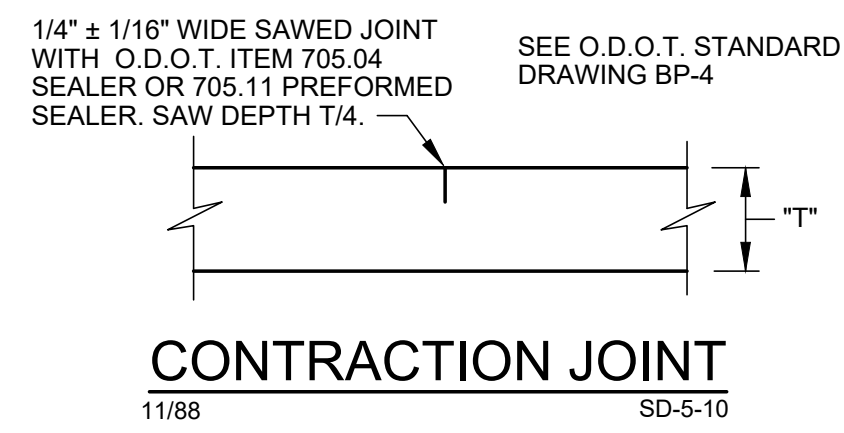


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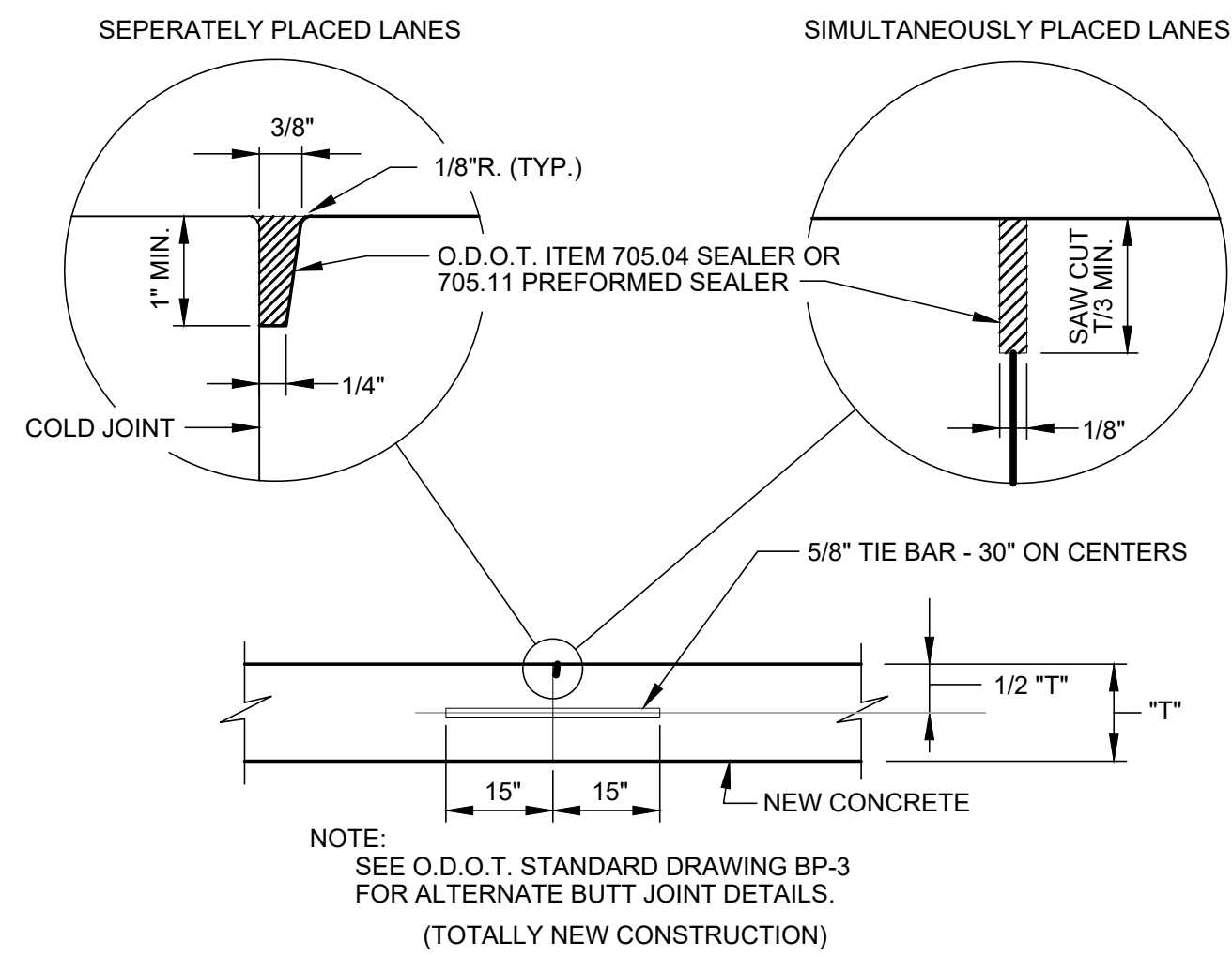
SOM CENTER SIDEWALKS
 RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -
CONSTRUCTION DETAILS - 2

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	DET-2
SHEET	24
OF	27

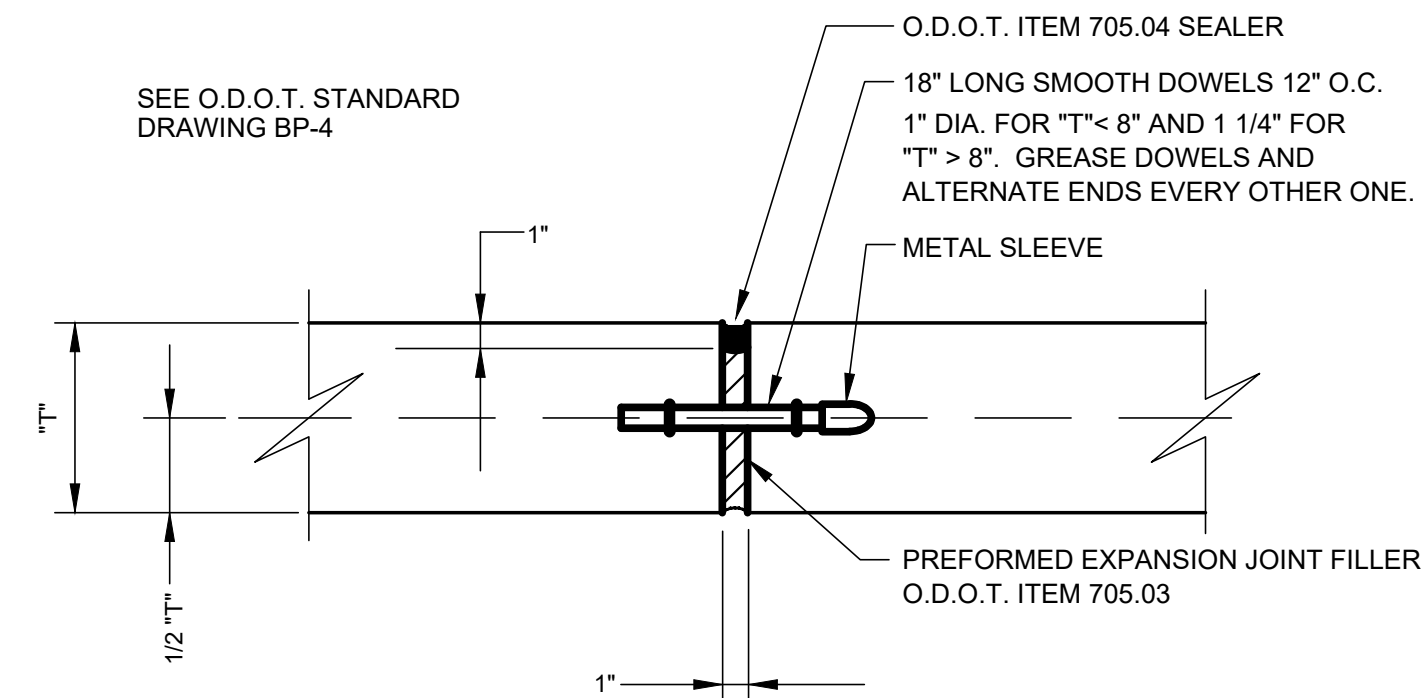




CONTRACTION JOINT
11/88 SD-5-10

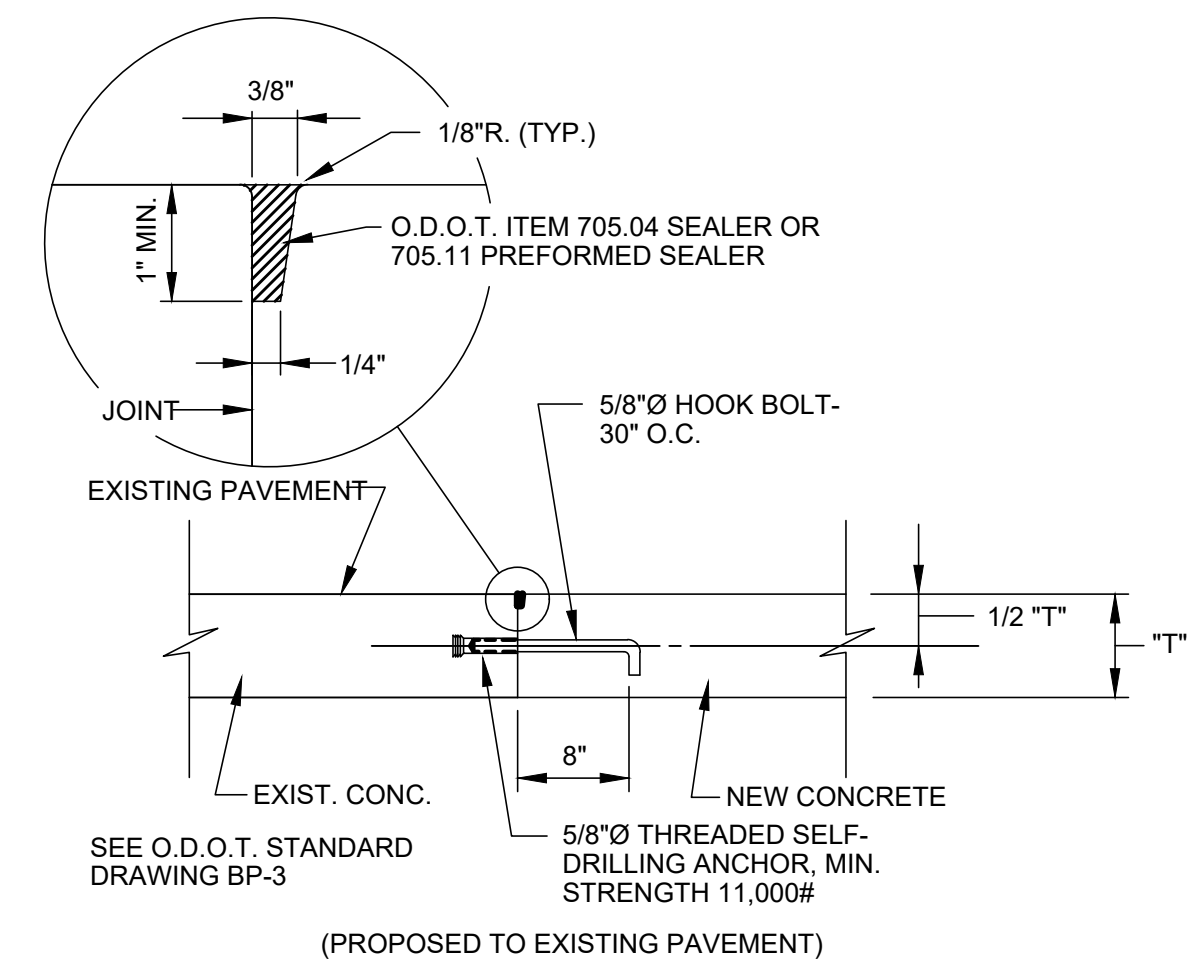


LONGITUDINAL BUTT JOINT
6/89 SD-5-11

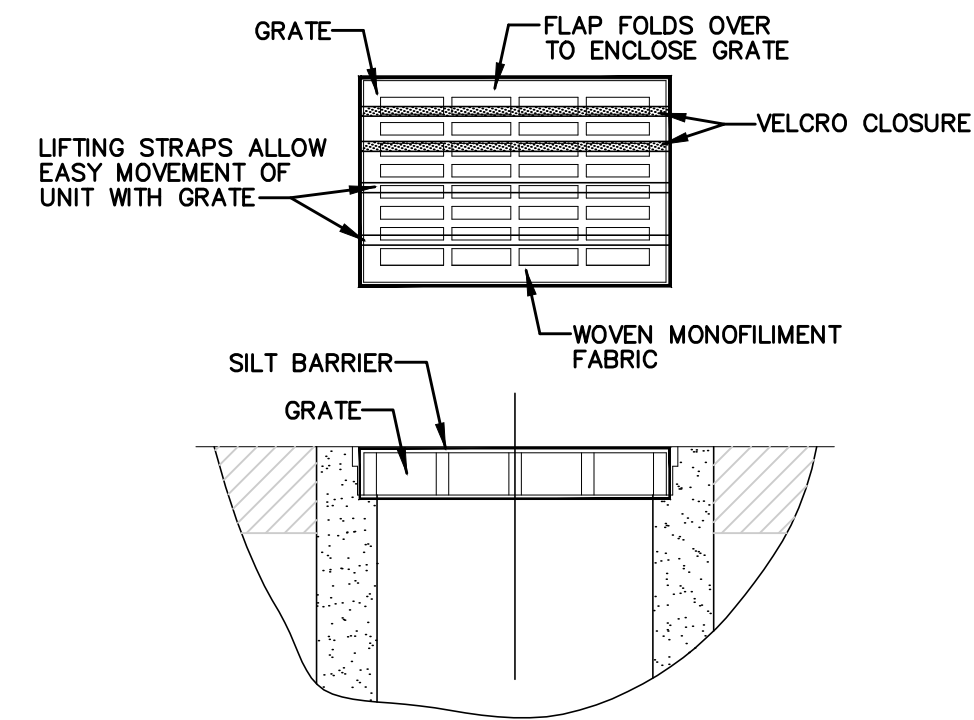


NOTE: EXPANSION JOINTS SHALL BE USED AT ALL INTERSECTIONS AND WHERE DESIGNATED ON THE PLANS OR BY THE ENGINEER.

EXPANSION JOINT
11/88 SD-5-9

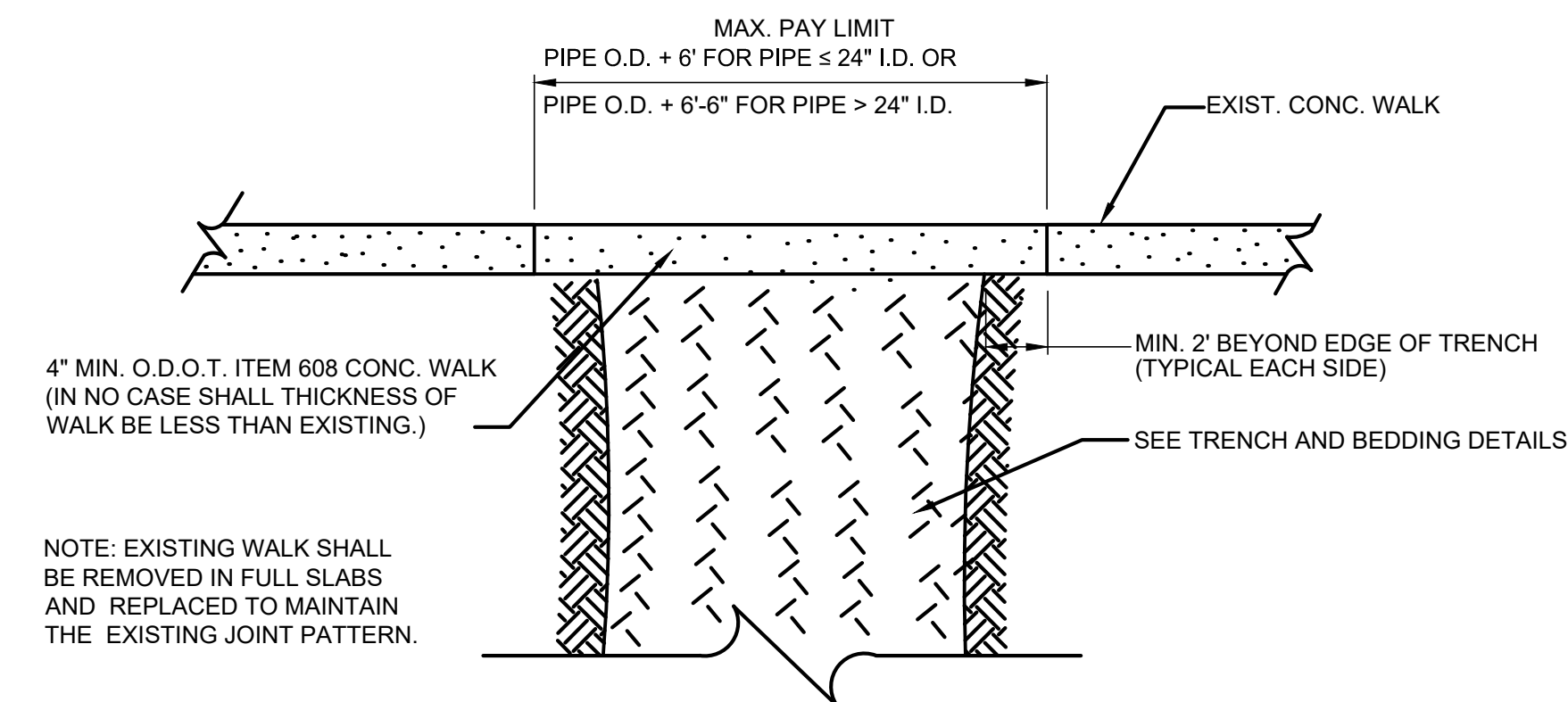


LONGITUDINAL BUTT JOINT
11/88 SD-5-12

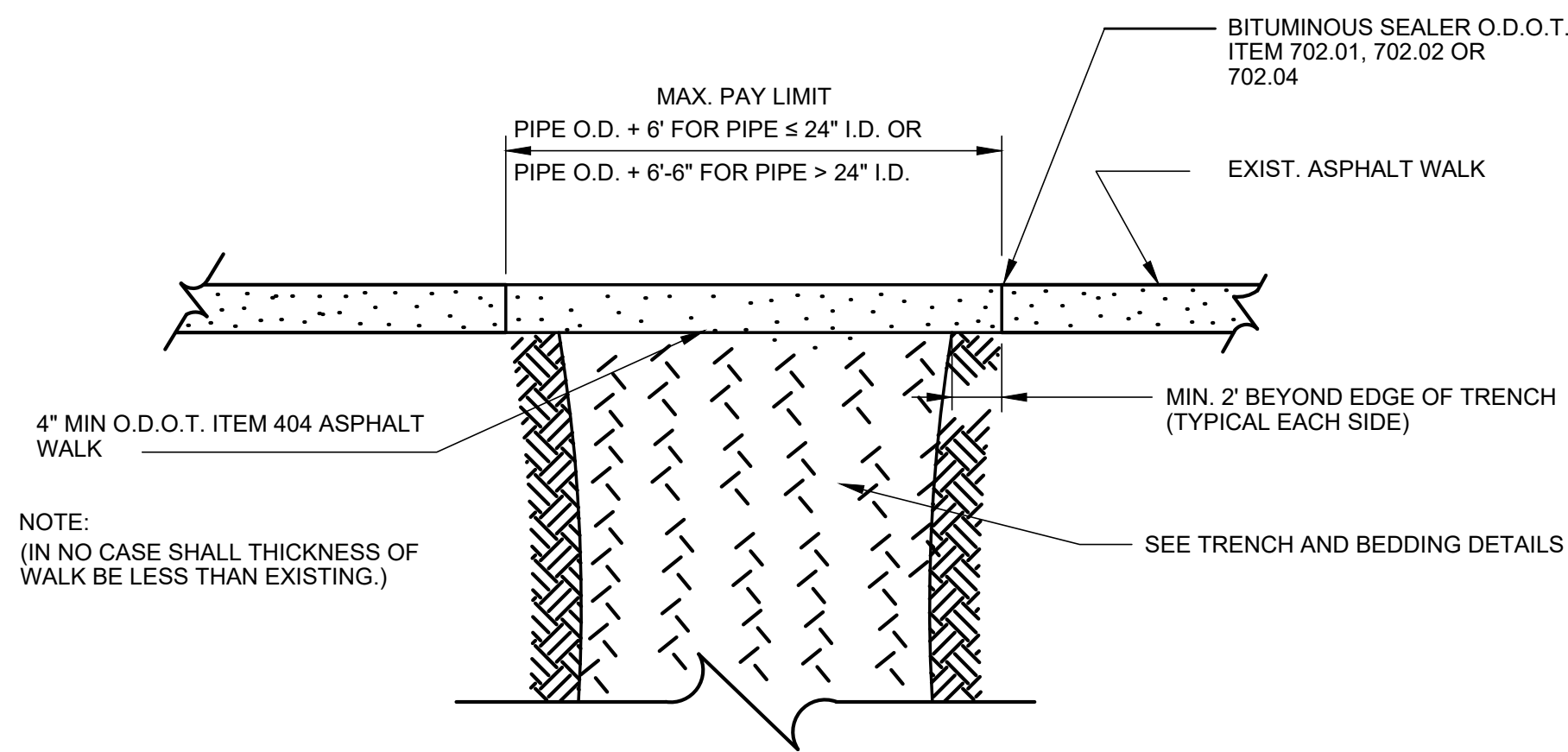


1. GEOTEXTILE SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT.
2. MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE SILT BARRIER AS NEEDED.
3. TO INSTALL CATCH BASIN INLET SILT BARRIER: THE EMPTY SILT BARRIER SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

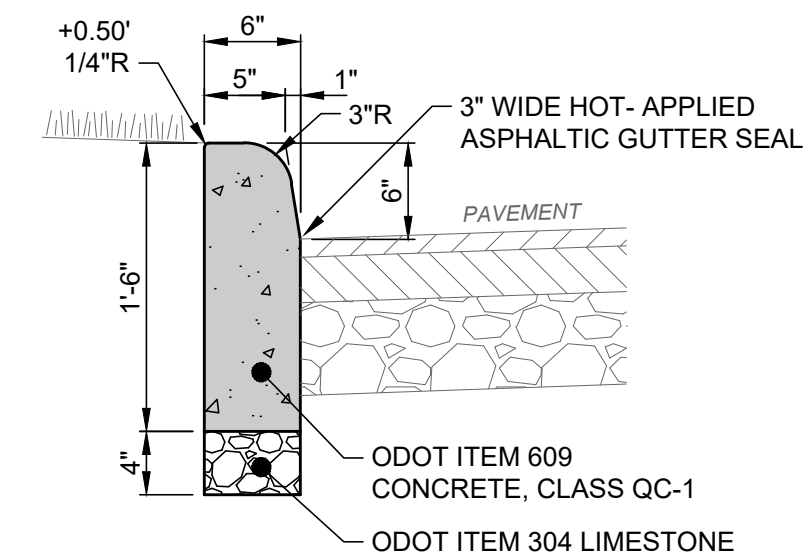
INLET PROTECTION FOR CATCH BASIN IN ROADWAY



TYPE A WALK REPLACEMENT
12/88 SD-5-7



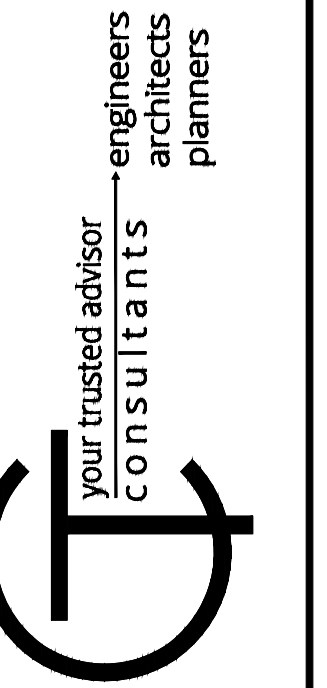
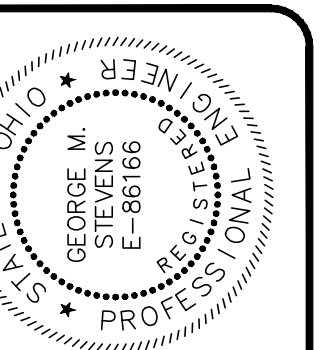
TYPE B WALK REPLACEMENT
12/88 SD-5-8



NOTES:

1. INSTALL 1/2\" PREFORMED JOINT MATERIAL AND USE 5/8\" X 18\" LONG DOWELS INTO COLD JOINTS TOP AND BOTTOM WHERE NEW CURB MEETS EXISTING CURB.
2. PROVIDE CONTRACTION JOINTS AT 10' O.C.
3. APPLY LIQUID-MEMBRANE CURING COMPOUND.
4. THIS DETAIL SHOWS ASPHALT PAVEMENT FOR REFERENCE ONLY. SEE SITE PLAN FOR ACTUAL TYPE OF PAVEMENT.

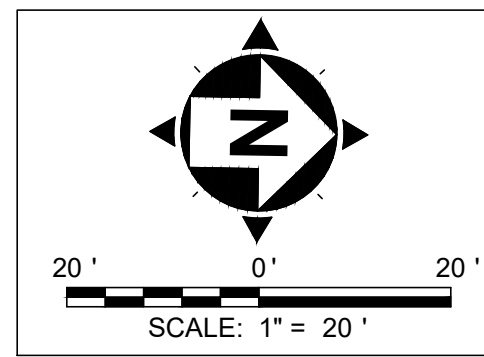
**(ODOT TYPE 6)
6\" VERTICAL CURB DETAIL**
SCALE: NONE



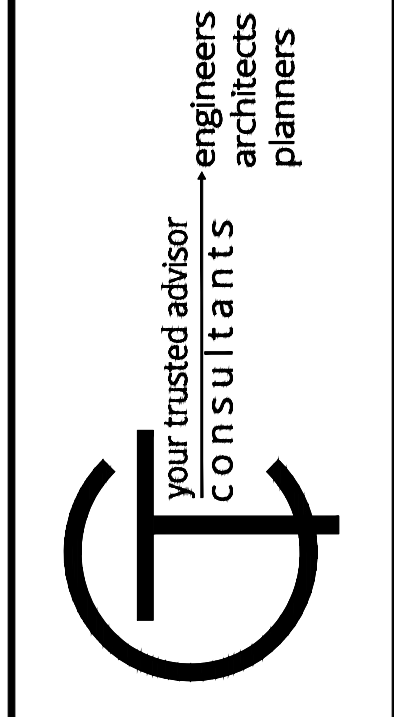
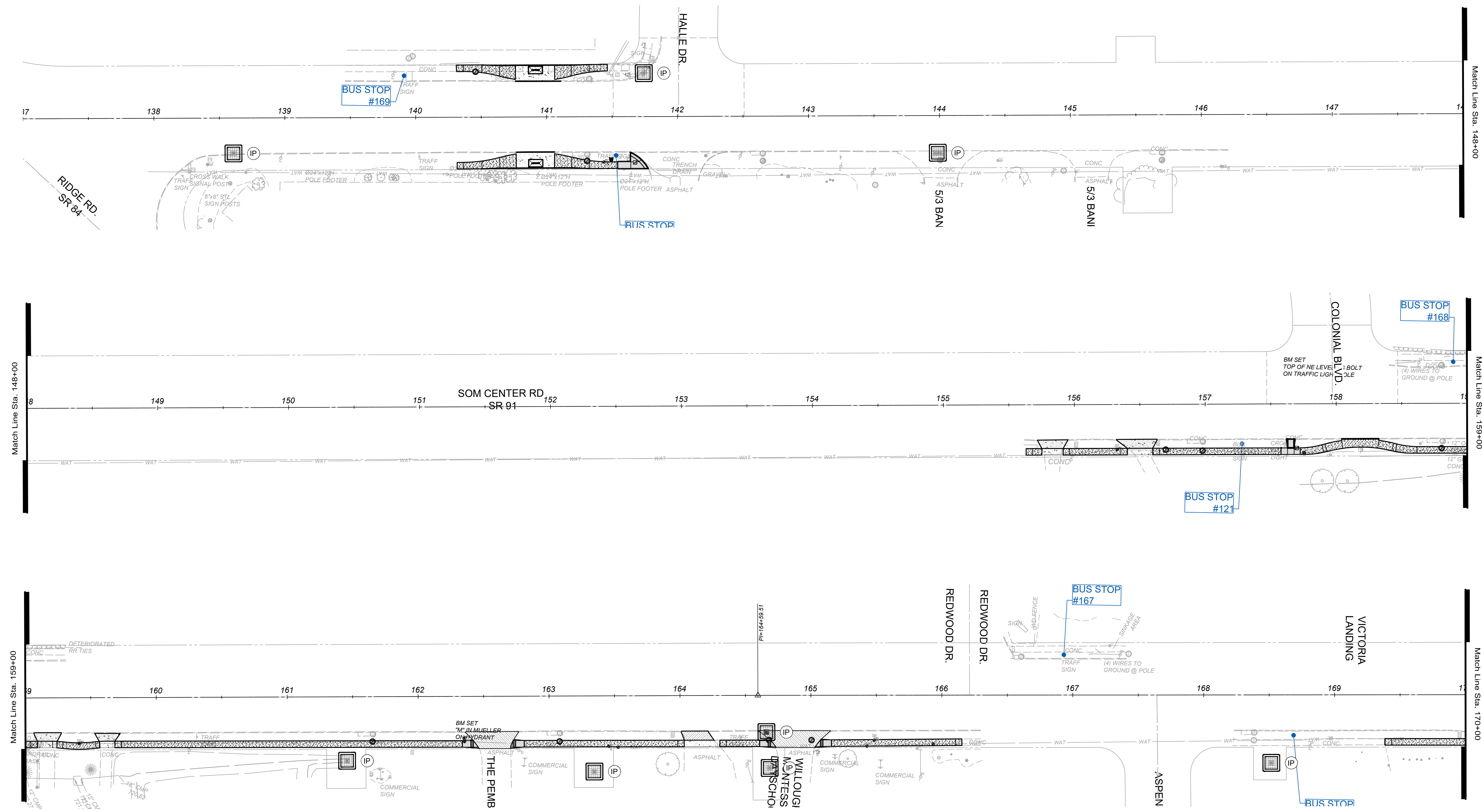
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ISSUE DATE:	05/22/24			
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SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
- WILLOUGHBY, OH 44094 -
CONSTRUCTION DETAILS - 3

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	DET-3
SHEET	OF
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 INLET PROTECTION

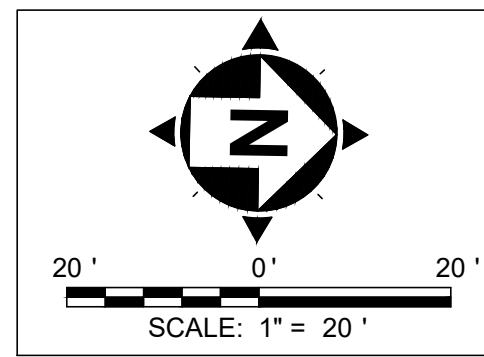


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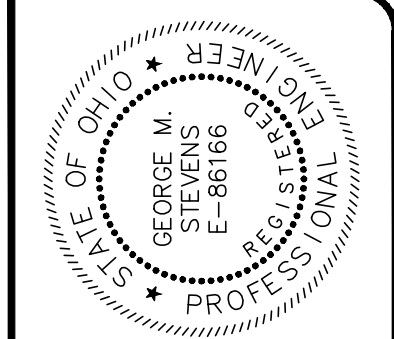
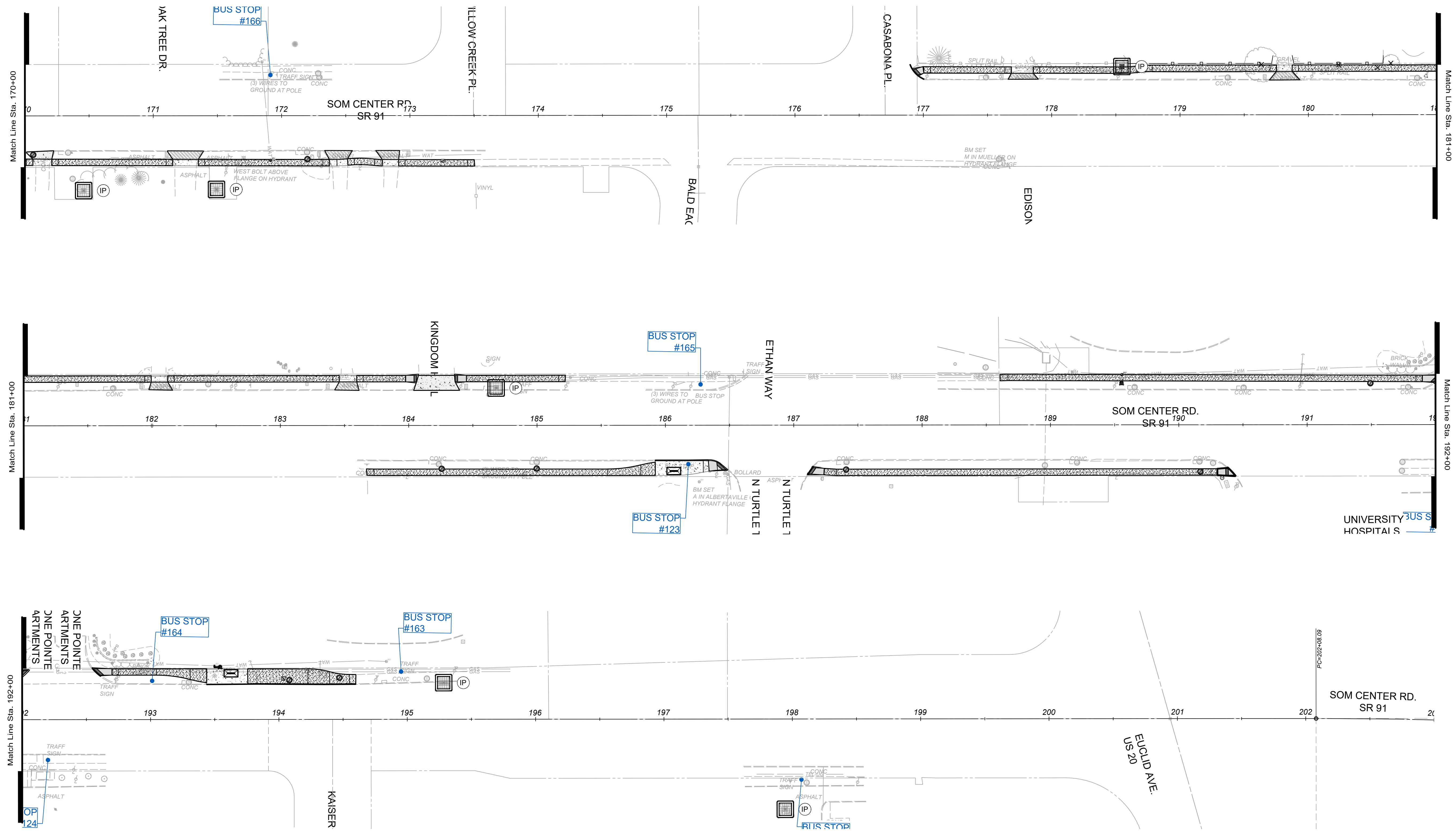
SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -

EROSION AND SEDIMENT CONTROL - 1

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	ESC-1
SHEET	26
OF	27



INLET PROTECTION



your trusted advisor
consultants
 engineers
 architects
 planners

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SOM CENTER SIDEWALKS
RIDGE ROAD TO EUCLID AVENUE
 - WILLOUGHBY, OH 44094 -

EROSION AND SEDIMENT CONTROL - 2

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	ESC-2
SHEET	27
OF	27