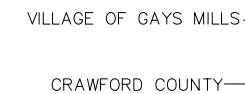


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EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF VIROQUA EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (<http://dnr.wi.gov/runoff/stormwater/techstds.htm>) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND CITY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WisDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
11. SEE DETAIL SHEETS FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
12. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE CITY HAS ACCEPTED THE BINDER COURSE OF ASPHALT.
13. USE DETENTION BASINS AS SEDIMENT BASINS DURING CONSTRUCTION (DO NOT USE INFILTRATION AREAS). AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
14. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET (NOTE: ADD SEEDING RATE STANDARD OF DETAIL BLOCK TO PLAN) UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN OR THE DETENTION BASIN DETAIL SHEET.
15. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.
16. AFTER DETENTION BASIN GRADING IS COMPLETE, THE BOTTOM OF DRY BASINS SHALL RECEIVE 6" TOPSOIL AND SHALL BE CHISEL-PLOWED TO A MINIMUM DEPTH OF 12" PRIOR TO RESTORATION.
17. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
18. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
19. EROSION MAT (TYPE I CLASS A PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1.
20. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
21. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
22. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
23. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
24. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
25. THE CITY AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

AGENCIES

EMERGENCY – FIRE, RESCUE, AMBULANCE, POLICE
DIAL 911

GAYS MLLS FIRE DEPARTMENT
KEVIN OPPRICHT
GAYS MILLS, WI 54631
(608) 735-4424 NON-EMERGENCY

UNITED STATES POST OFFICE
225 ORIN STREET
GAYS MILLS, WI 54631
(608) 735-4450

CRAWFORD COUNTY – HIGHWAY DEPARTMENT
21515 STH 27
SENECA, WI 54654
(608) 421-8875

CRAWFORD COUNTY – SHERIFF’S DEPARTMENT
224 N. BEAUMONT ROAD
PRAIRIE DU CHIEN, WI 53821
(608) 326-0241 NON-EMERGENCY

WIDOT
MARK GOGGIN
3550 MORMAN COULEE ROAD
LACROSSE, WI 54601-6767
(608) 789-5955

OWNER

VILLAGE OF GAYS MILLS –VILLAGE HALL
16381 STH 131, SUITE #1
GAYS MILLS, WI 54631
ATTN: DAWN McCANN, VILLAGE CLERK
(608) 735-4341

ENGINEER

VIERBICHER ASSOCIATES INC
400 VIKING DRIVE
REEDSBURG, WI 53959
ATTN: CRAIG MATHEWS
(608) 524-6468

UTILITIES

VILLAGE OF GAYS MILLS –SEWER & WATER
16381 STH 131, SUITE #1
GAYS MILLS, WI 54631
ATTN: JIM CHELLEVOLD, DPW
(608) 735-4341

MEDIACOM LLC WISCONSIN – TELEPHONE
115 S MARQUETTE RD
PRAIRIE DU CHIEN, WI 53821
ATTN: TIM ORCUTT
(608) 326-0478
(515) 249-5848

ALLIANT ENERGY – ELECTRIC
761 ENTERPRISE DRIVE
PLATTEVILLE, WI 53818
ATTN: JERRY NICHOLSON
(608) 342-4113
(608) 558-7777 CELL

RICHLAND-GRANT TELEPHONE – TELEPHONE
PO BOX 67
BLUE RIVER, WI 53518
ATTN: JOHN BARTZ
(608) 537-2461

MADISON GAS & ELECTRIC – GAS
PO BOX 109
526 E. DECKER
VIROQUA, WI 54665
ATTN: MARK OLSON
(608) 637-3139



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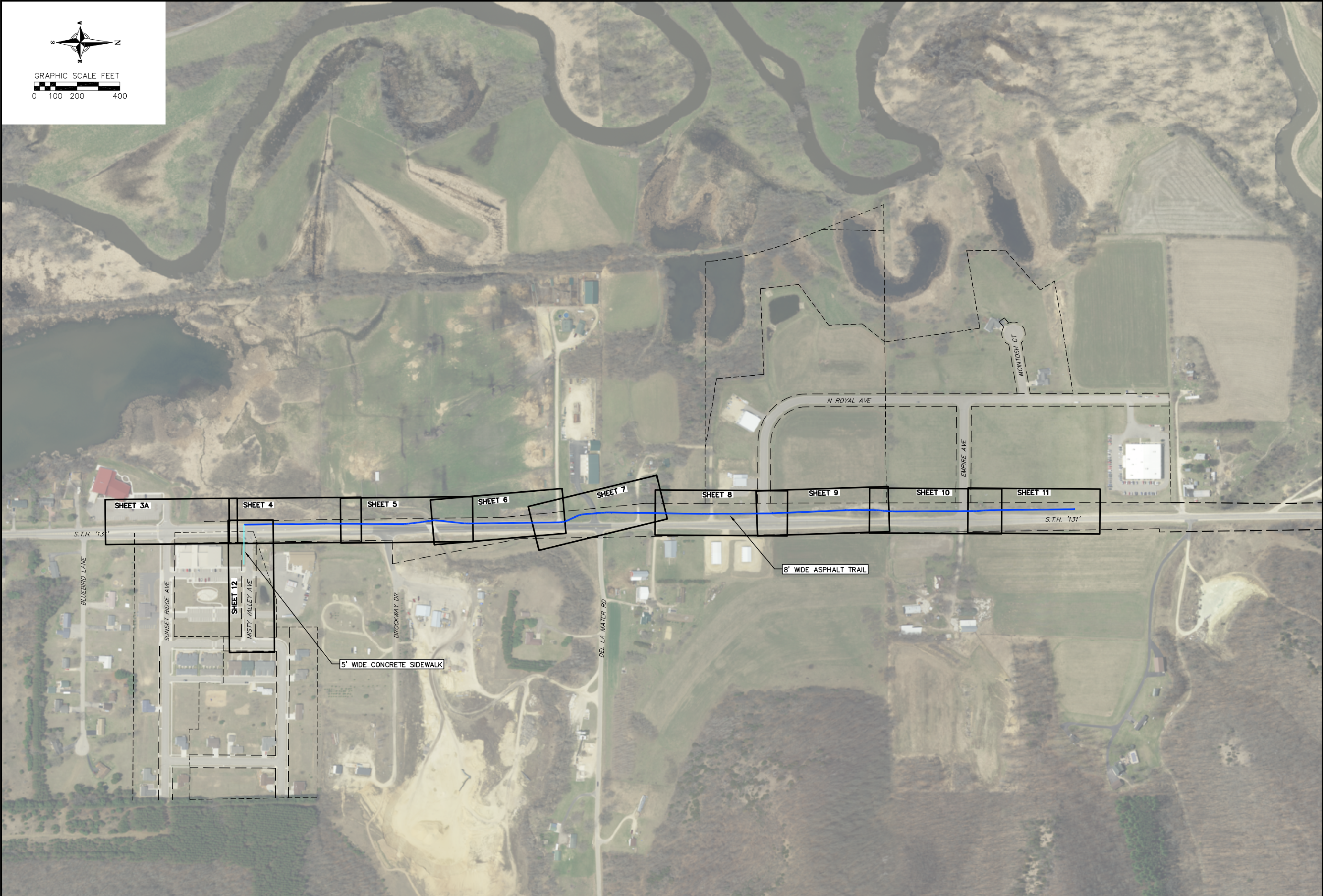
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GENERAL NOTES

2018 TID NO. 1 INFRASTRUCTURE
TRAIL IMPROVEMENTS
GAYS MILLS, WISCONSIN

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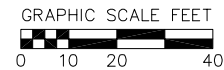
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DATE JULY 2018
DRAFTER PJUN
CHECKED MMUC
PROJECT NO. 180089
SHEET 2 OF 25
DWG. NO.










REVISIONS		REVISIONS	
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OVERALL SHEET INDEX

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TRAIL IMPROVEMENTS
GAYS MILLS, WISCONSIN

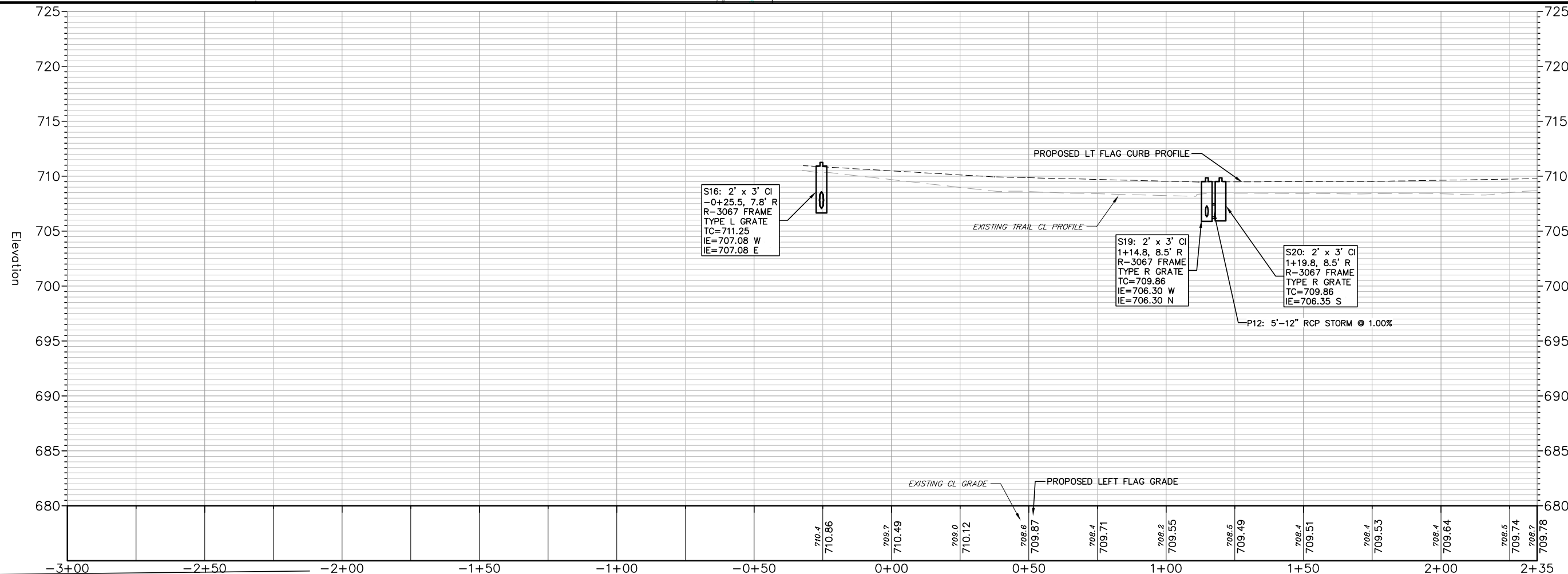
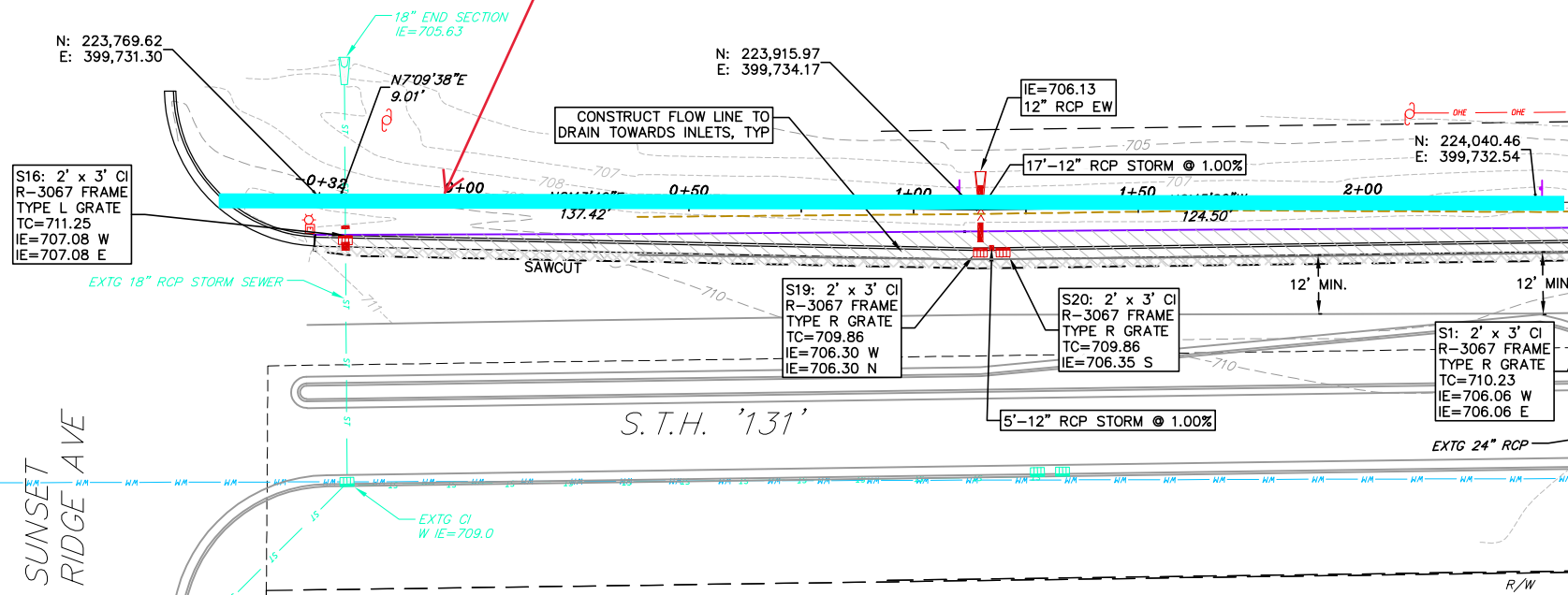


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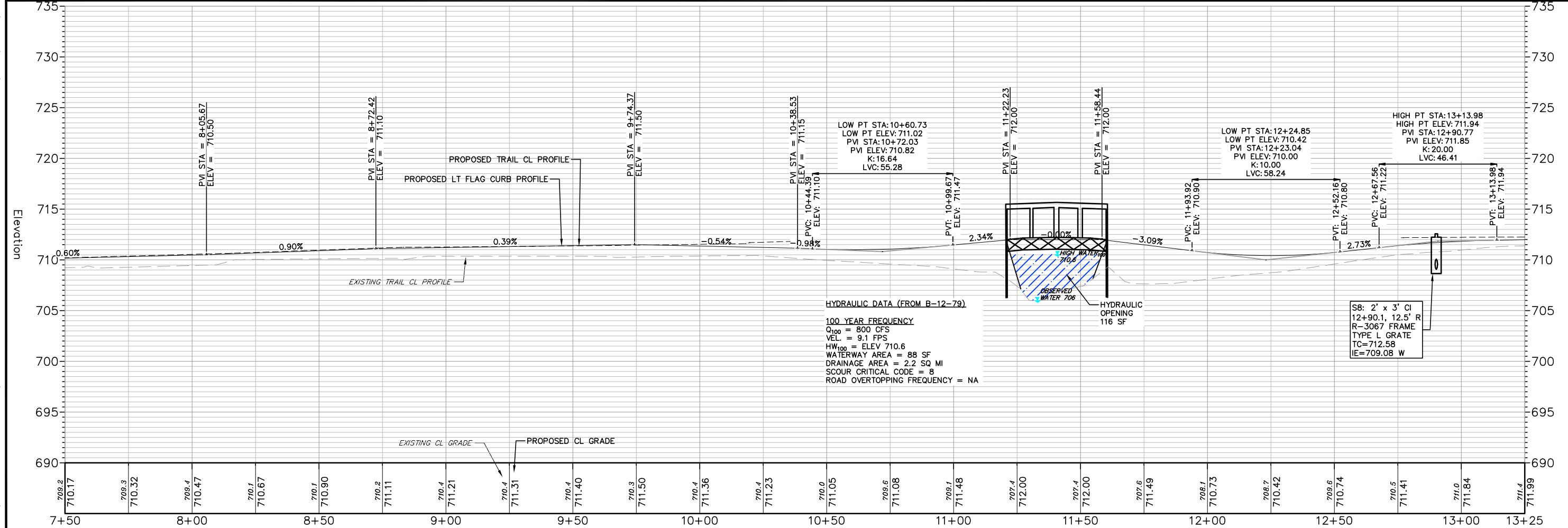
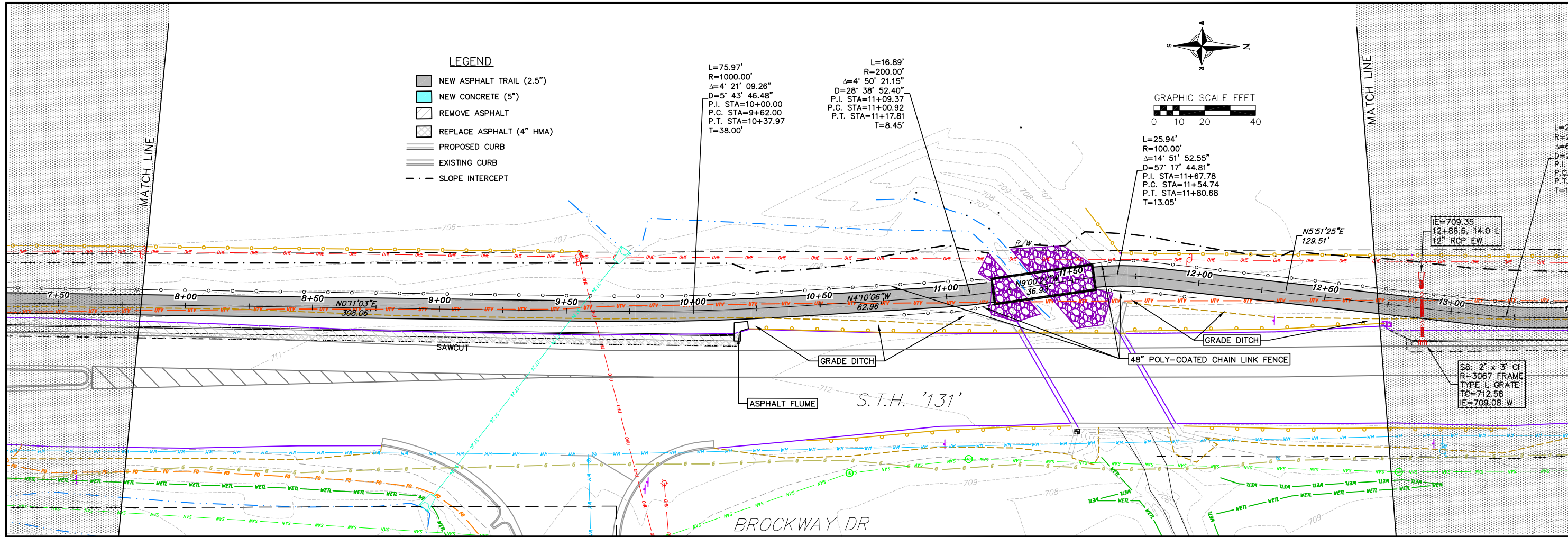
-  NEW ASPHALT TRAIL (2.5")
 NEW CONCRETE (5")
 REMOVE ASPHALT
 REPLACE ASPHALT (4" HMA)
 PROPOSED CURB
 EXISTING CURB
 SLOPE INTERCEPT

Can the path reference WIS 131 C/L? All cross sections have CL of trail. It will be easier to field locate the path now and in the future if it is referenced to a permanent structure (C/L of roadway)

Are you not adding sidewalk/trail behind this new curb/gutter?



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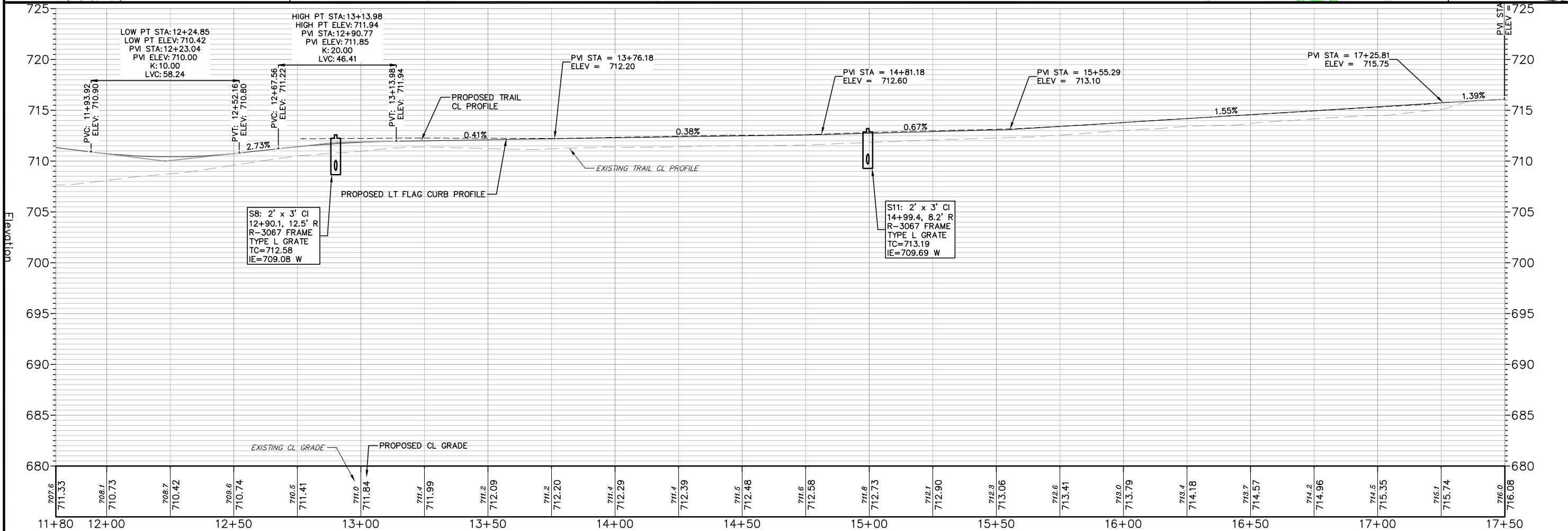
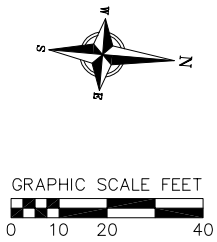
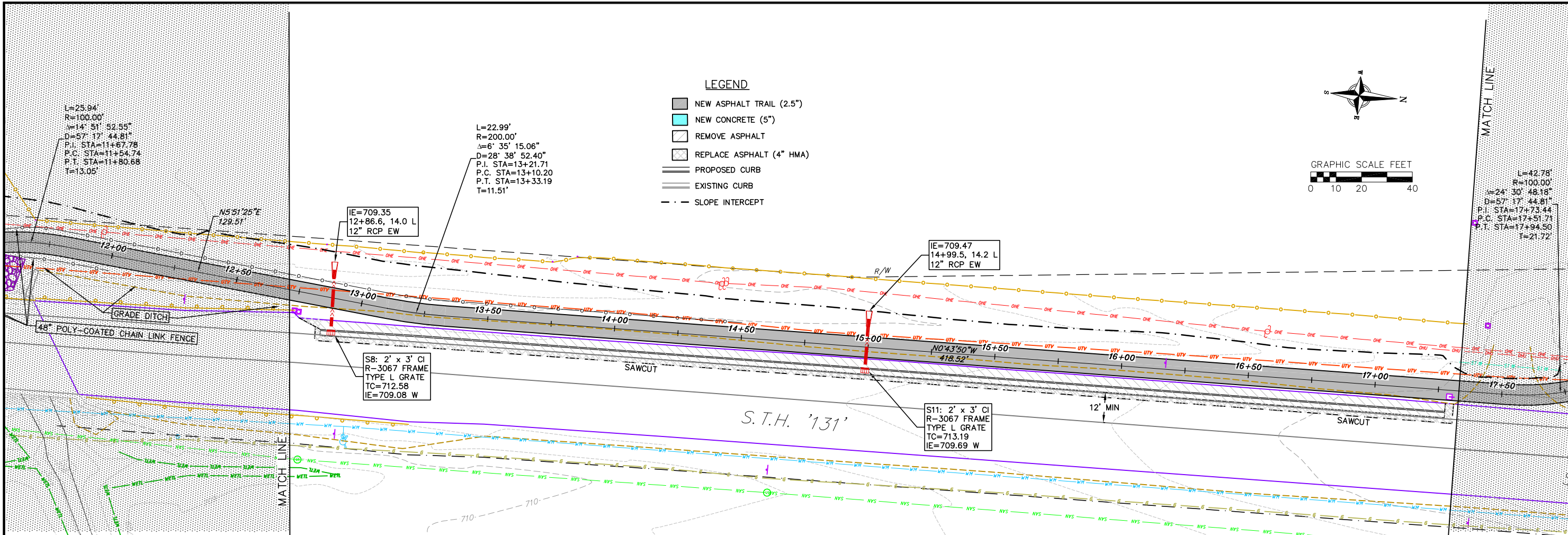
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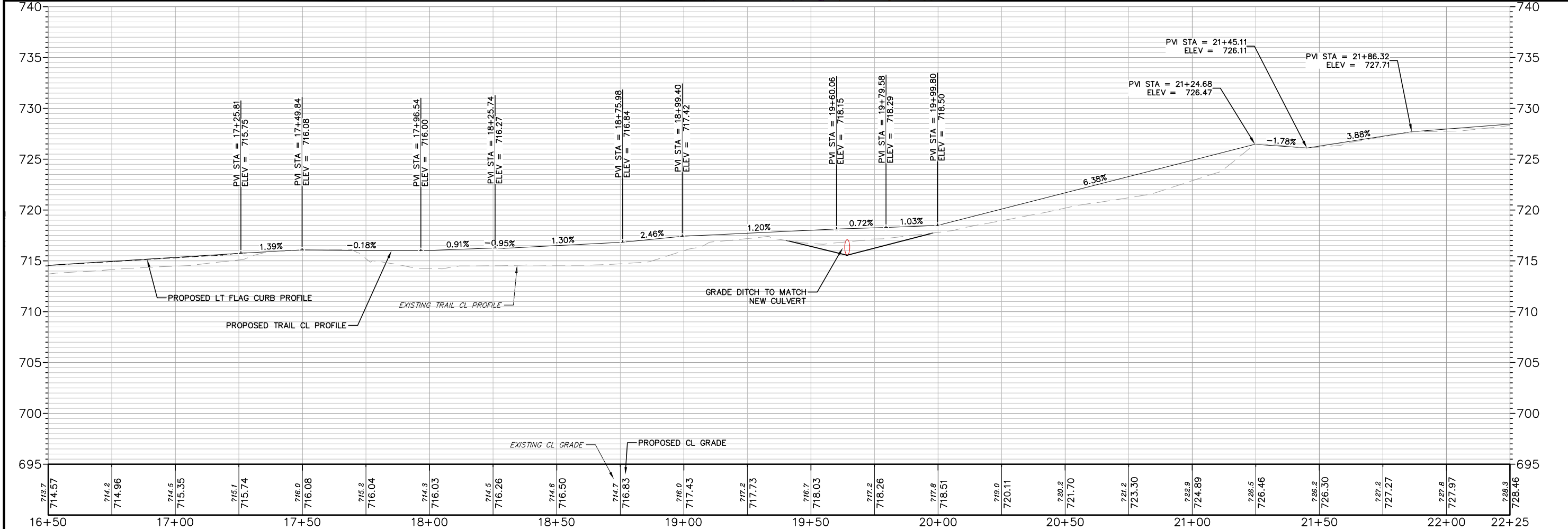
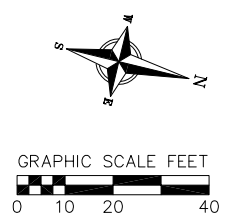
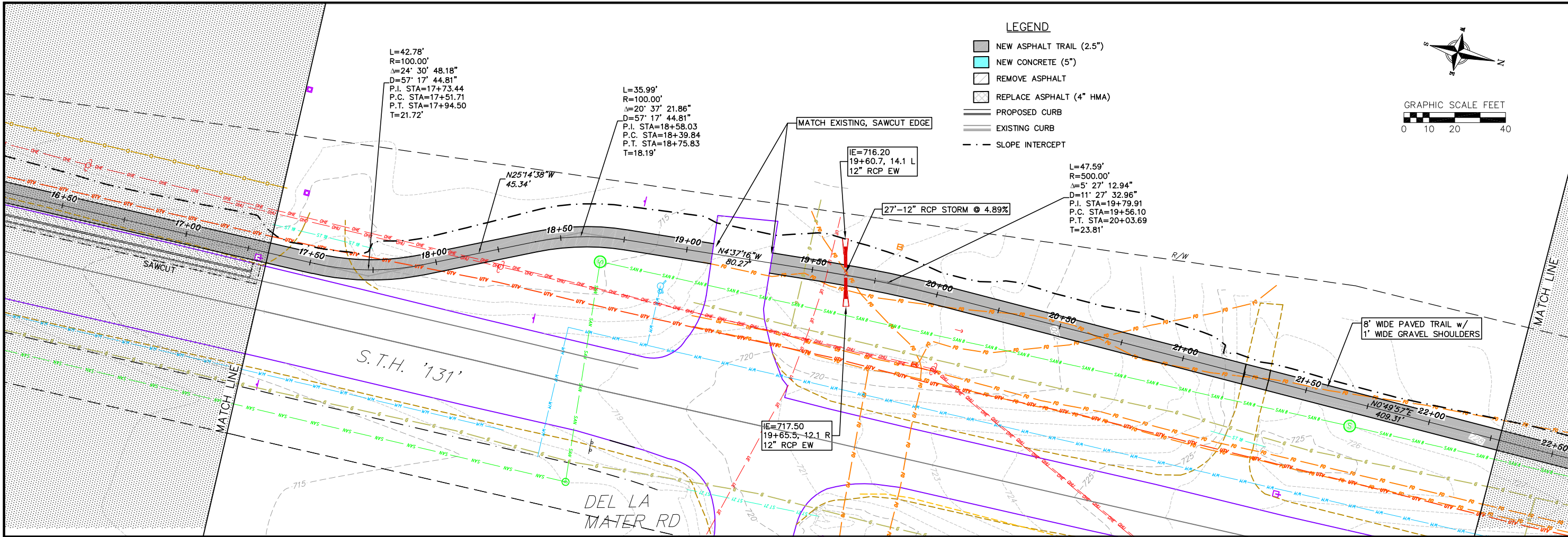
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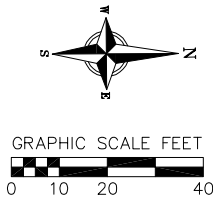
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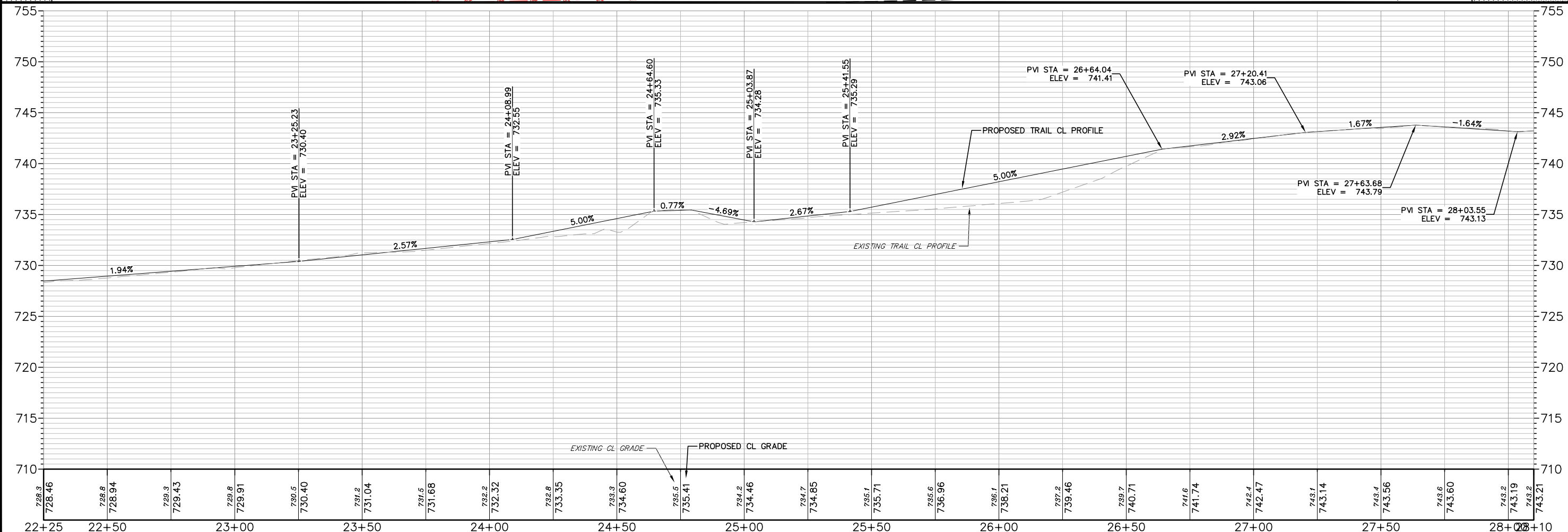
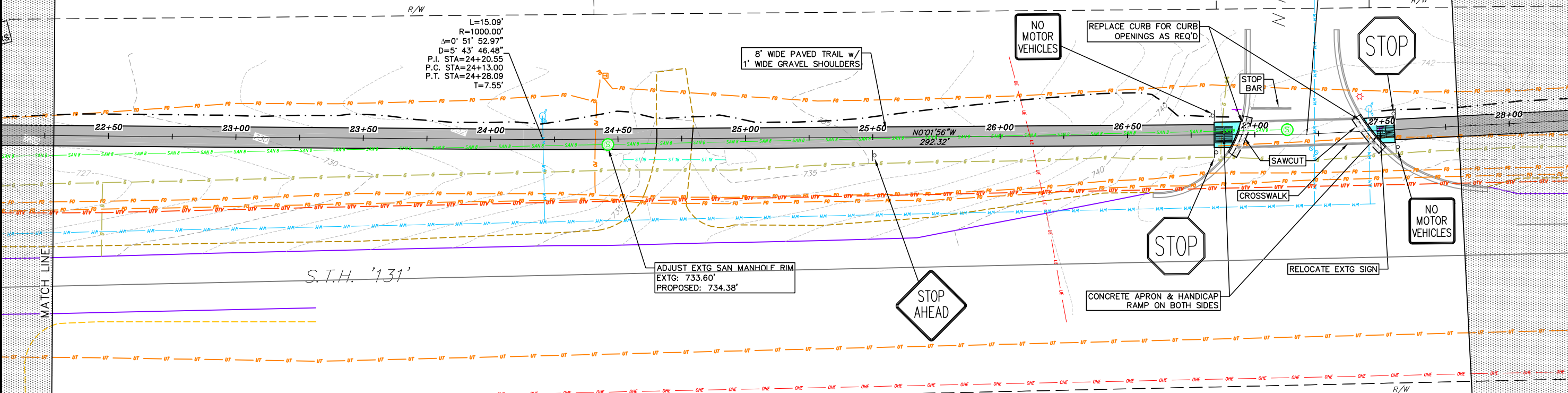
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- LEGEND
- NEW ASPHALT TRAIL (2.5")
 - NEW CONCRETE (5")
 - REMOVE ASPHALT
 - REPLACE ASPHALT (4" HMA)
 - PROPOSED CURB
 - EXISTING CURB
 - SLOPE INTERCEPT



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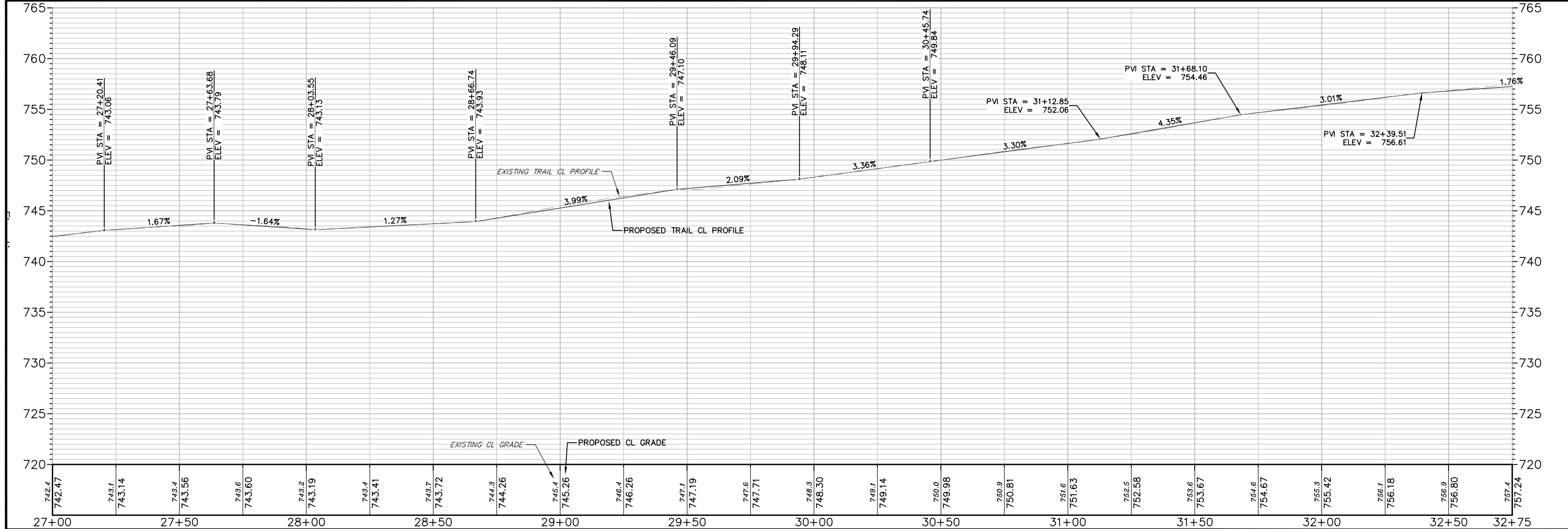
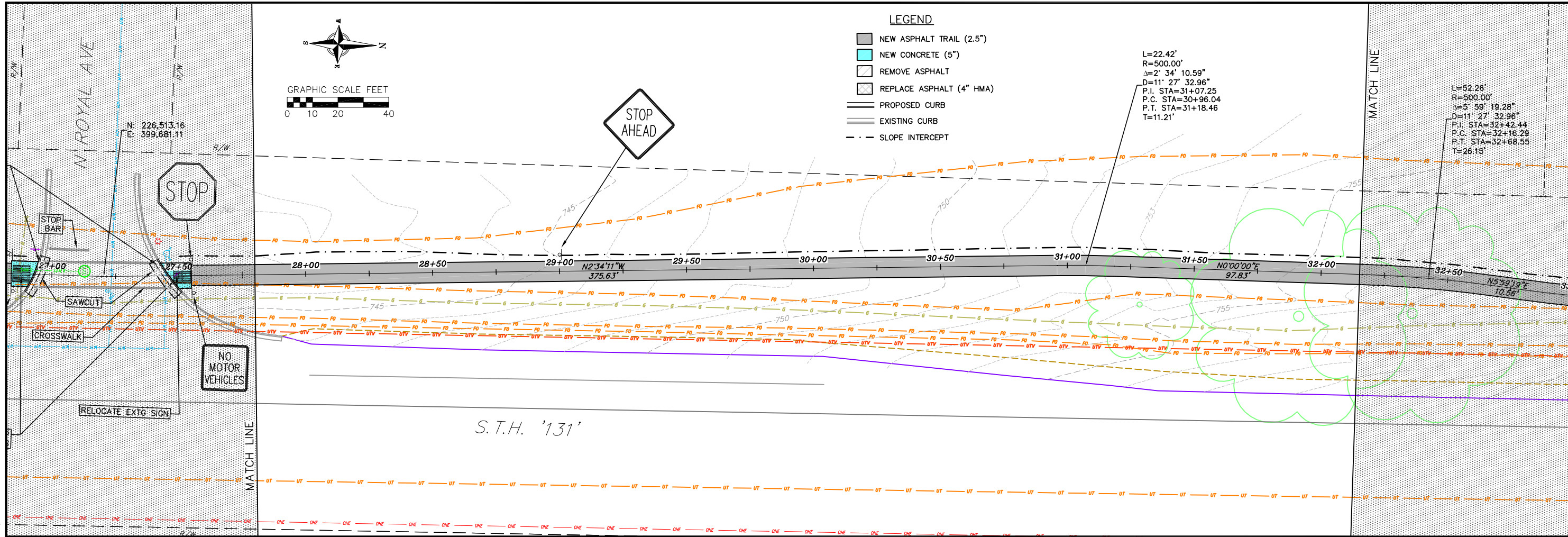
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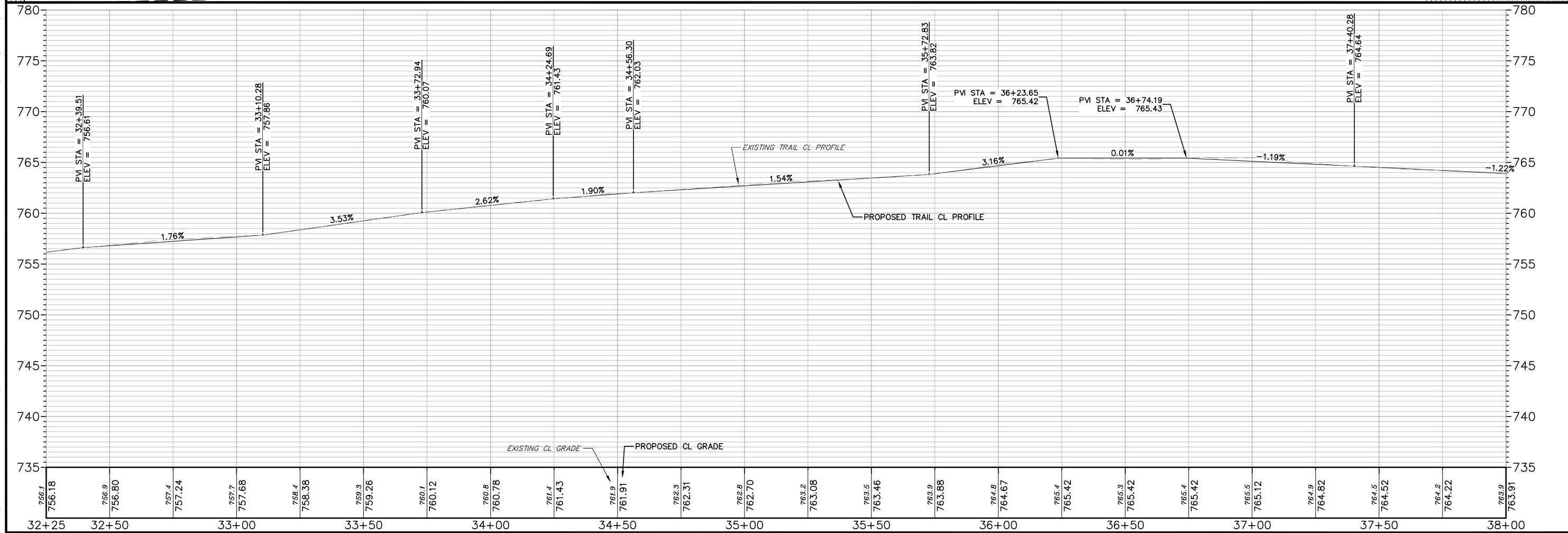
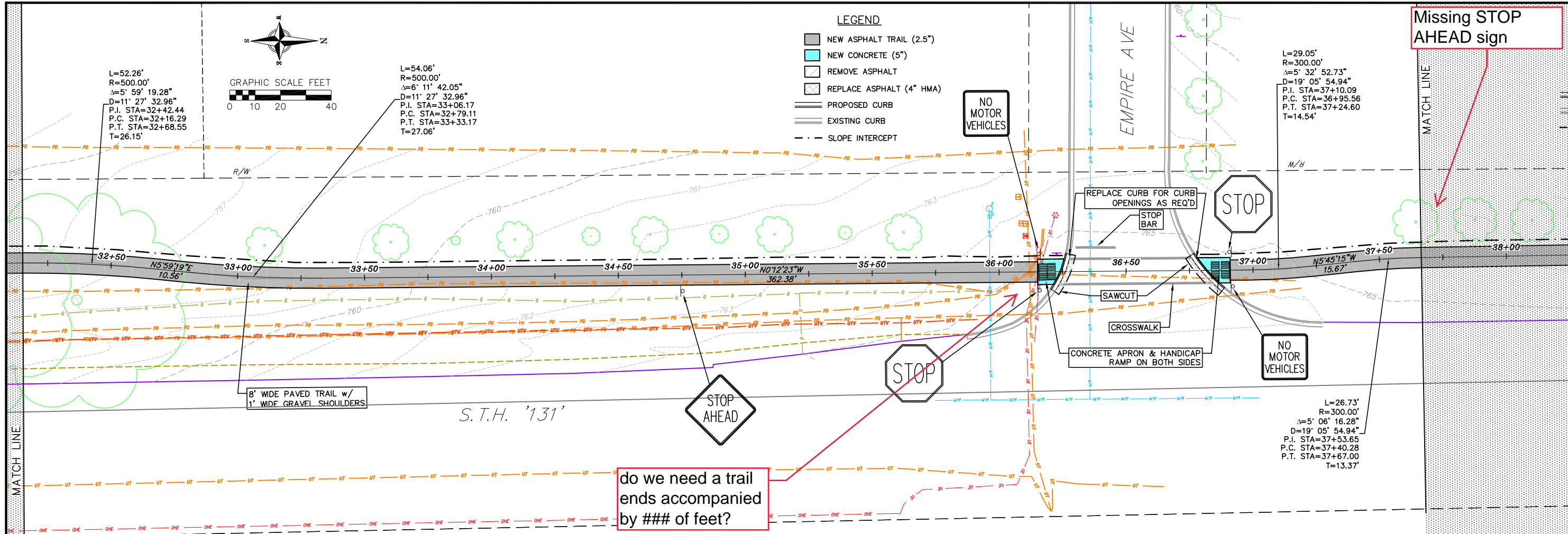
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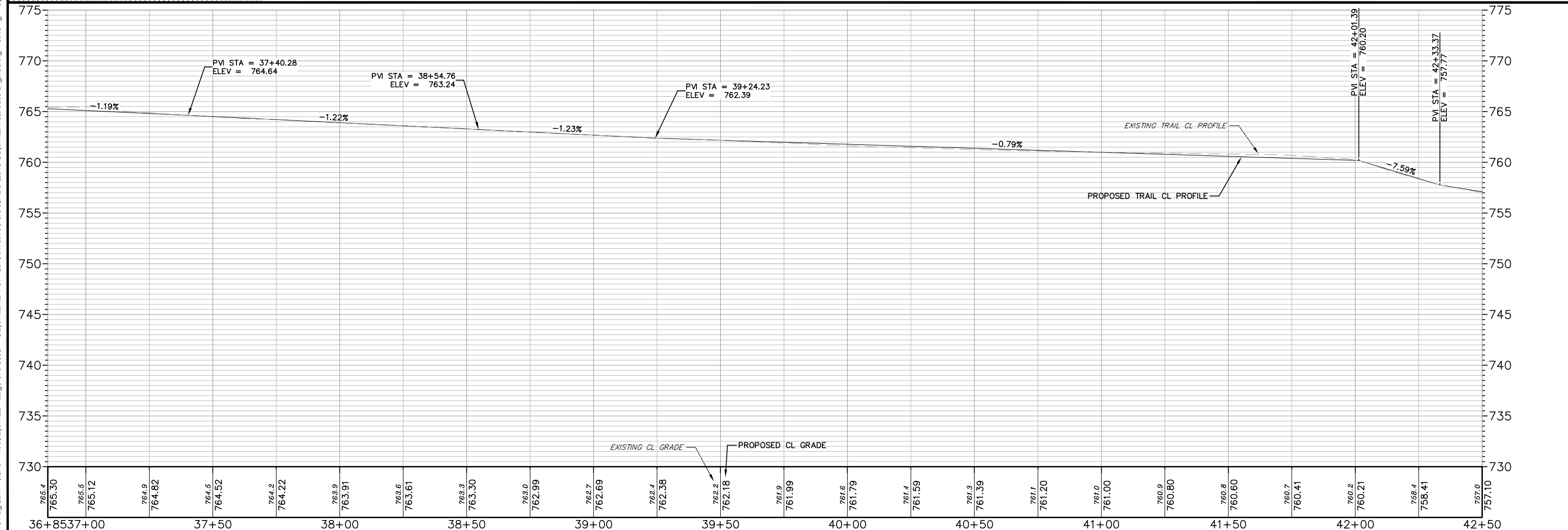
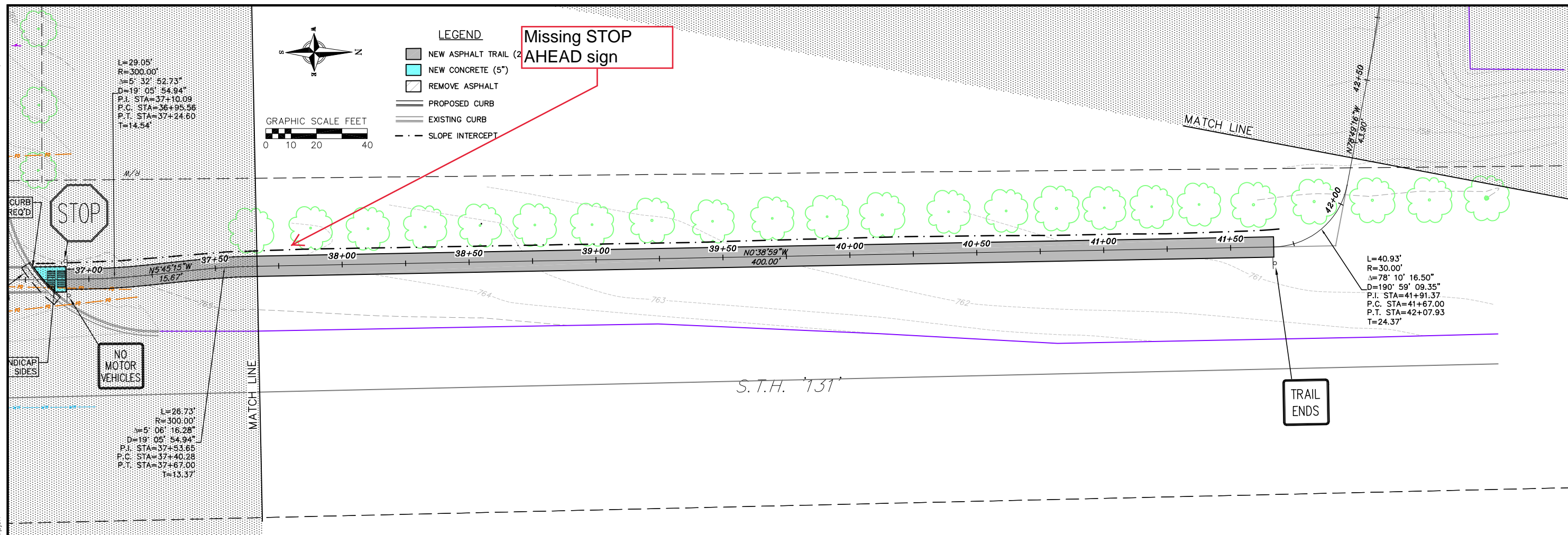
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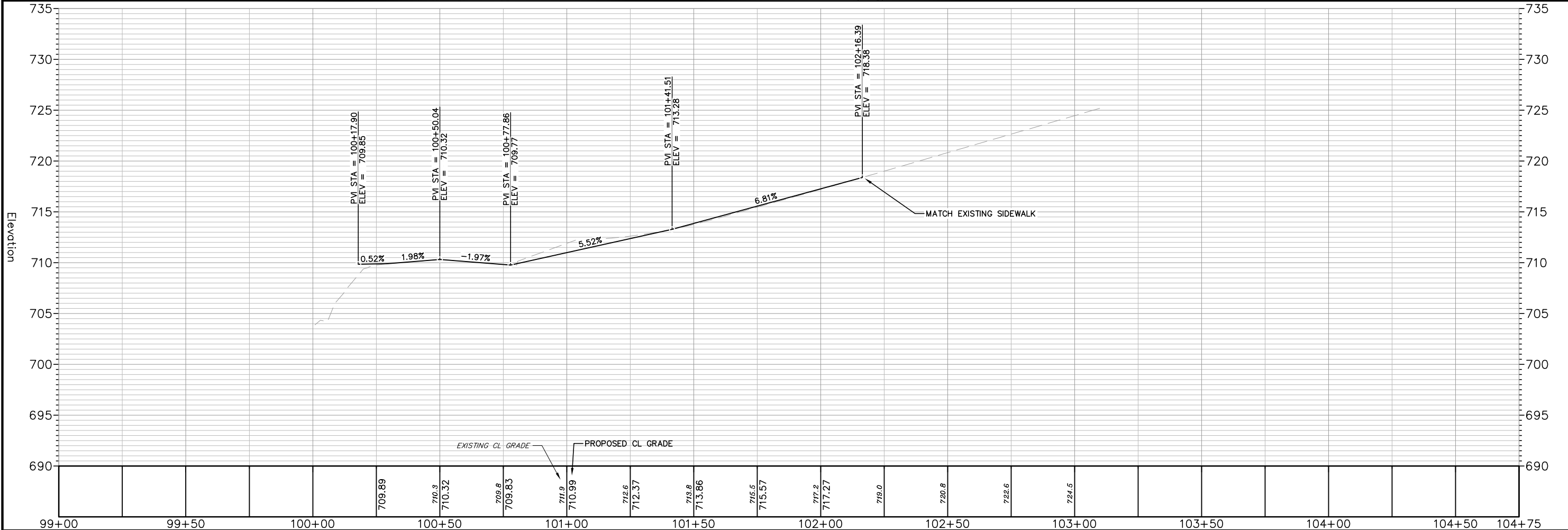
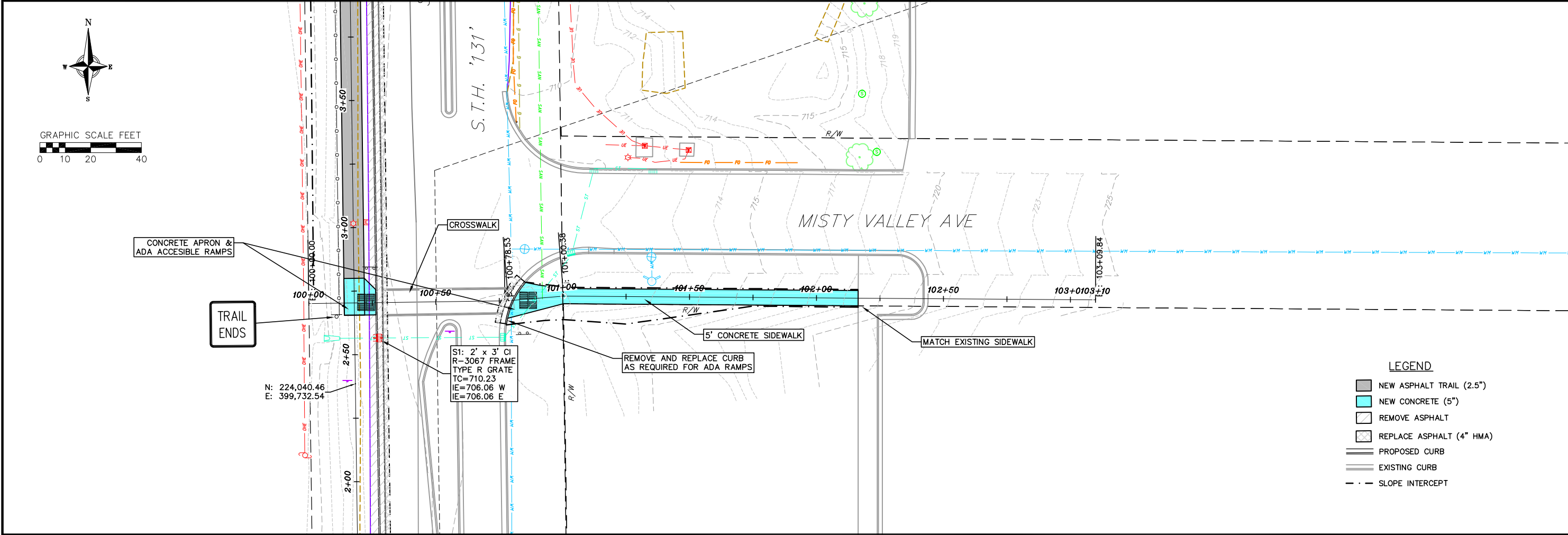
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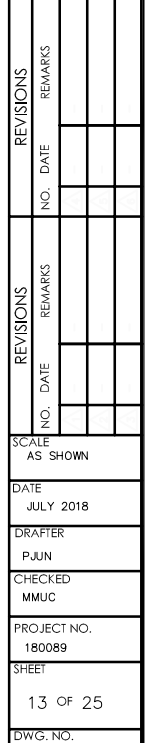
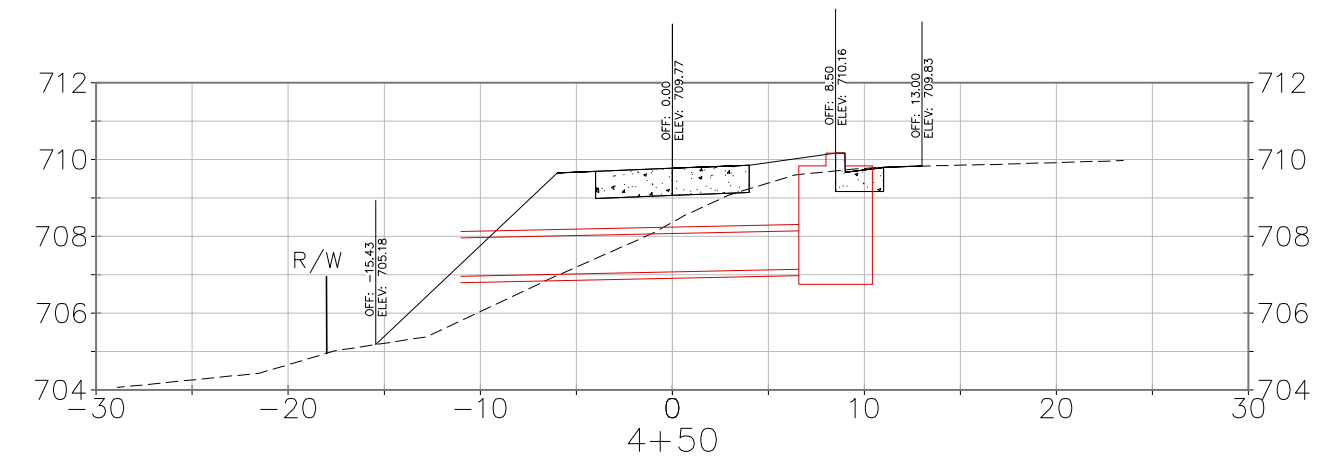
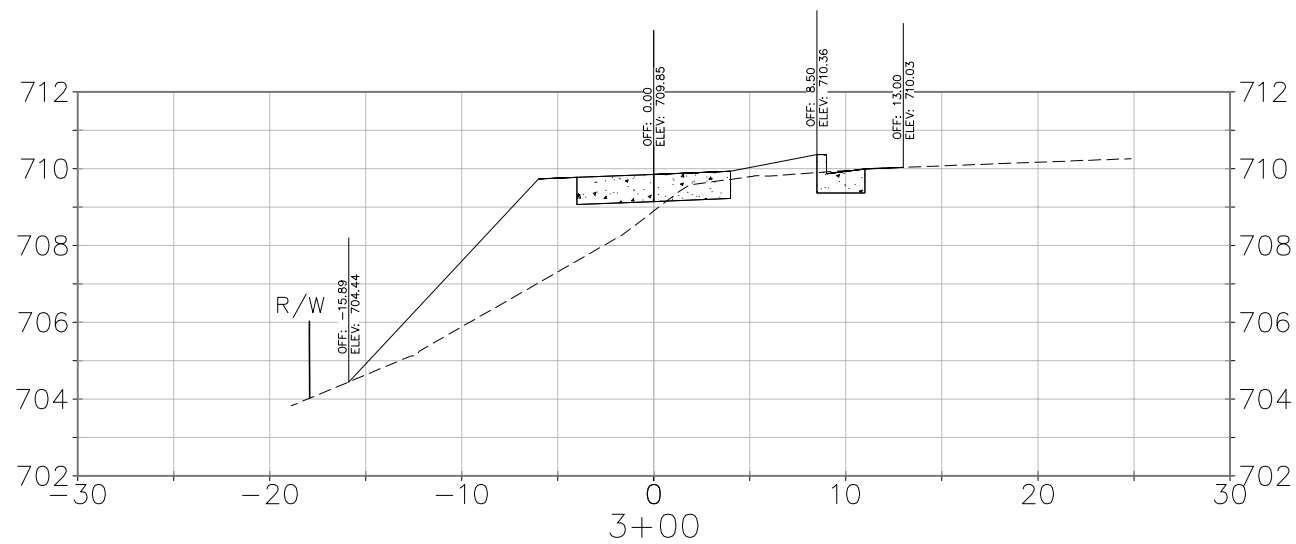
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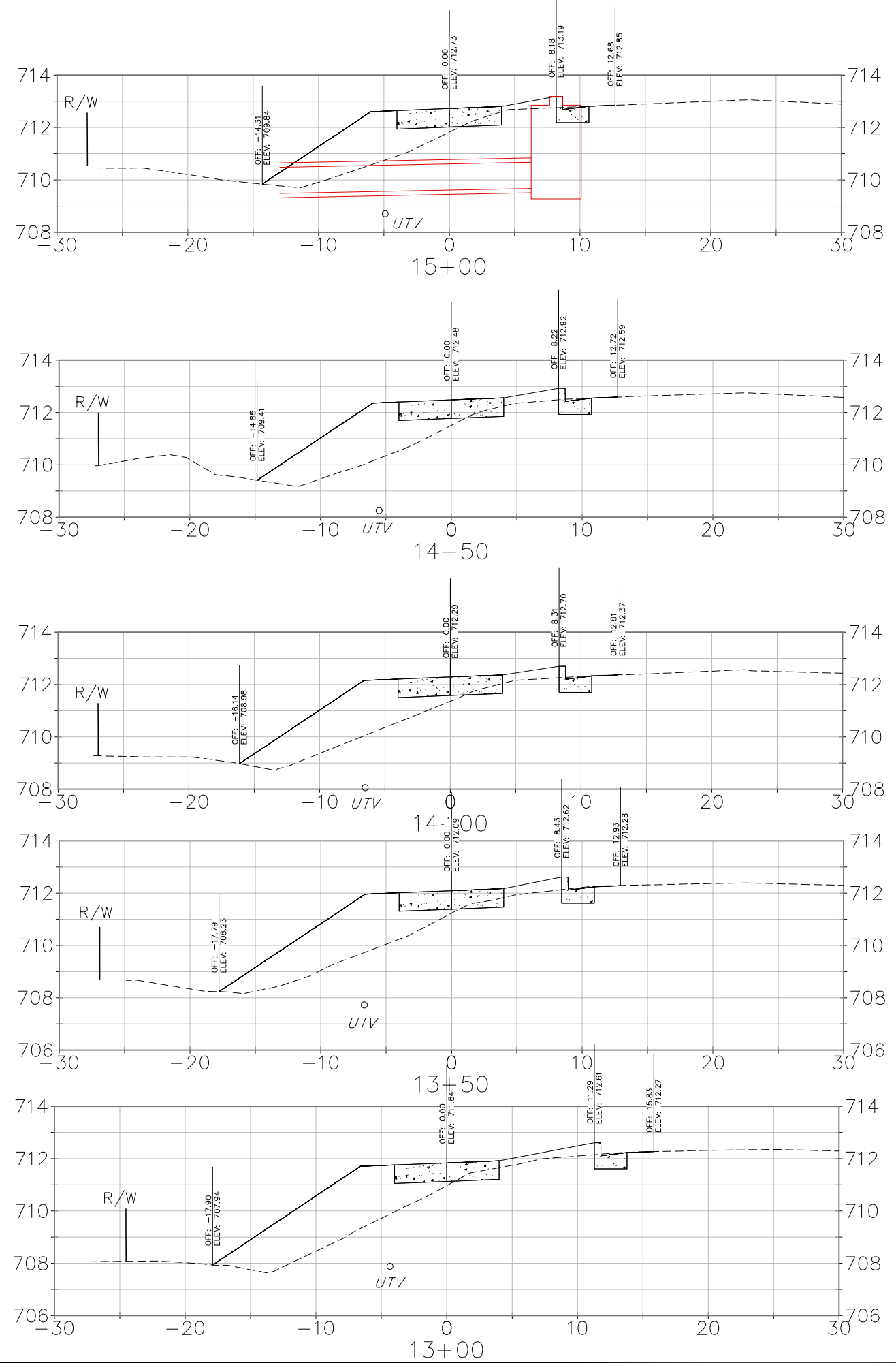
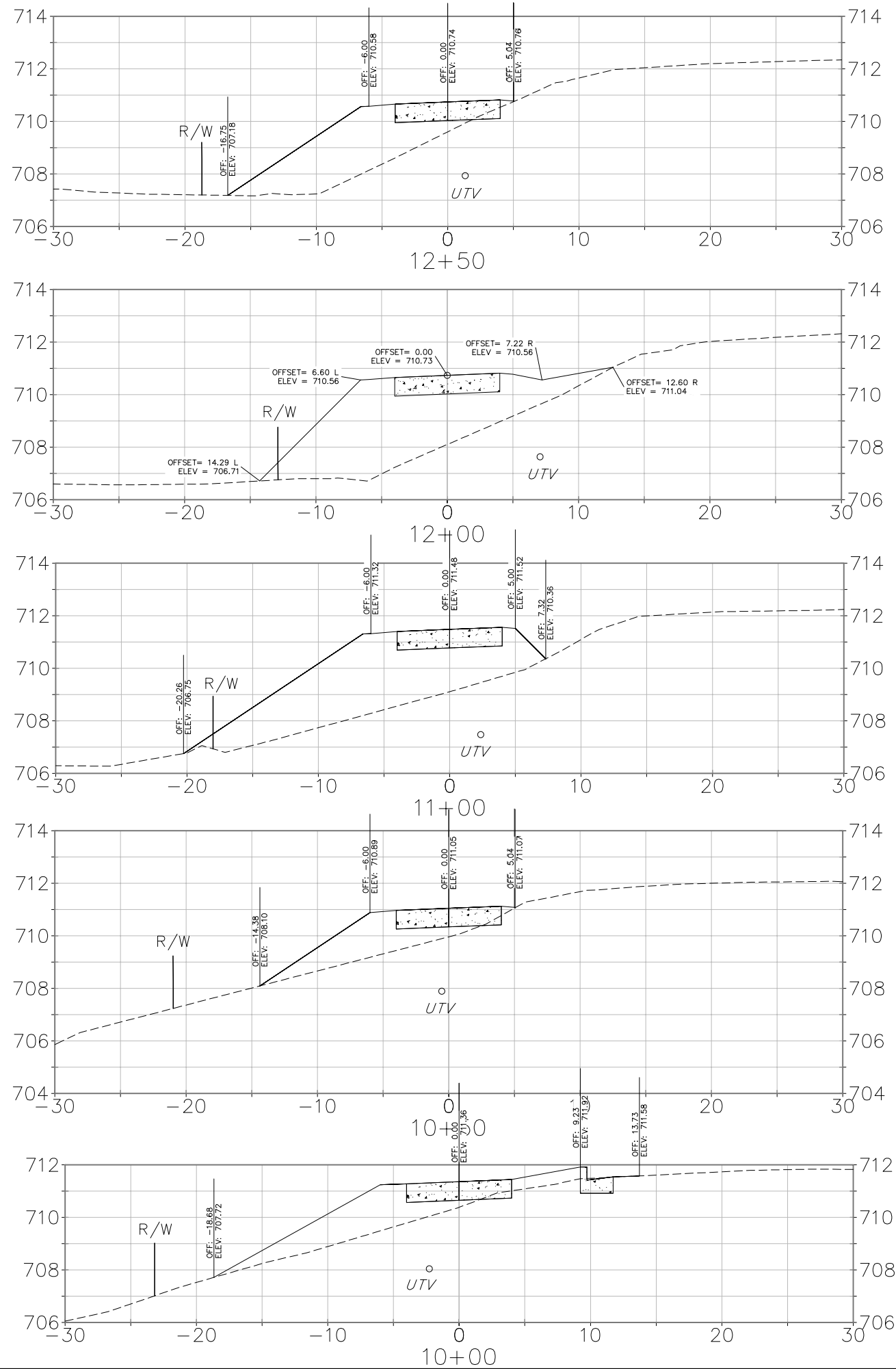
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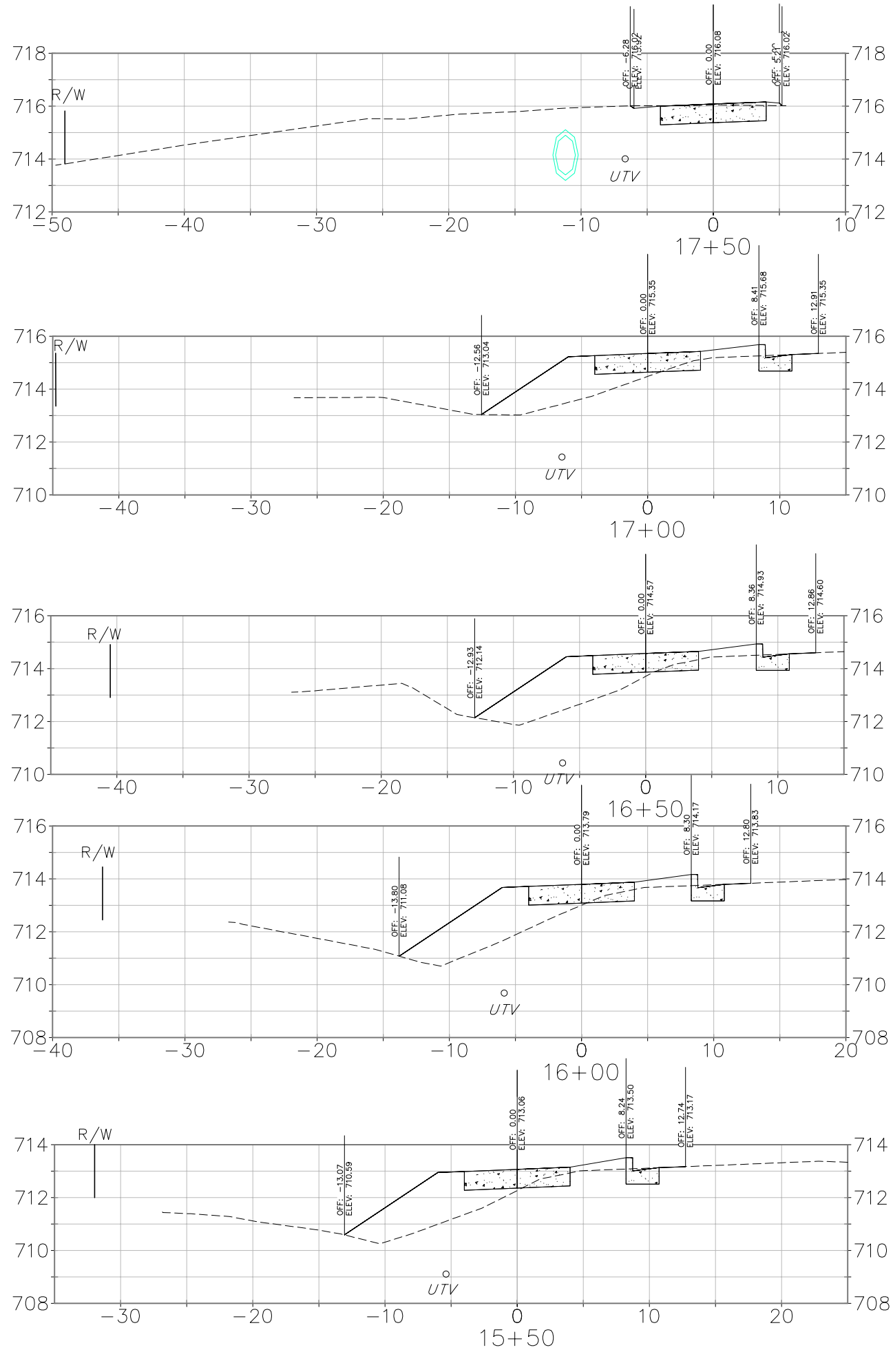
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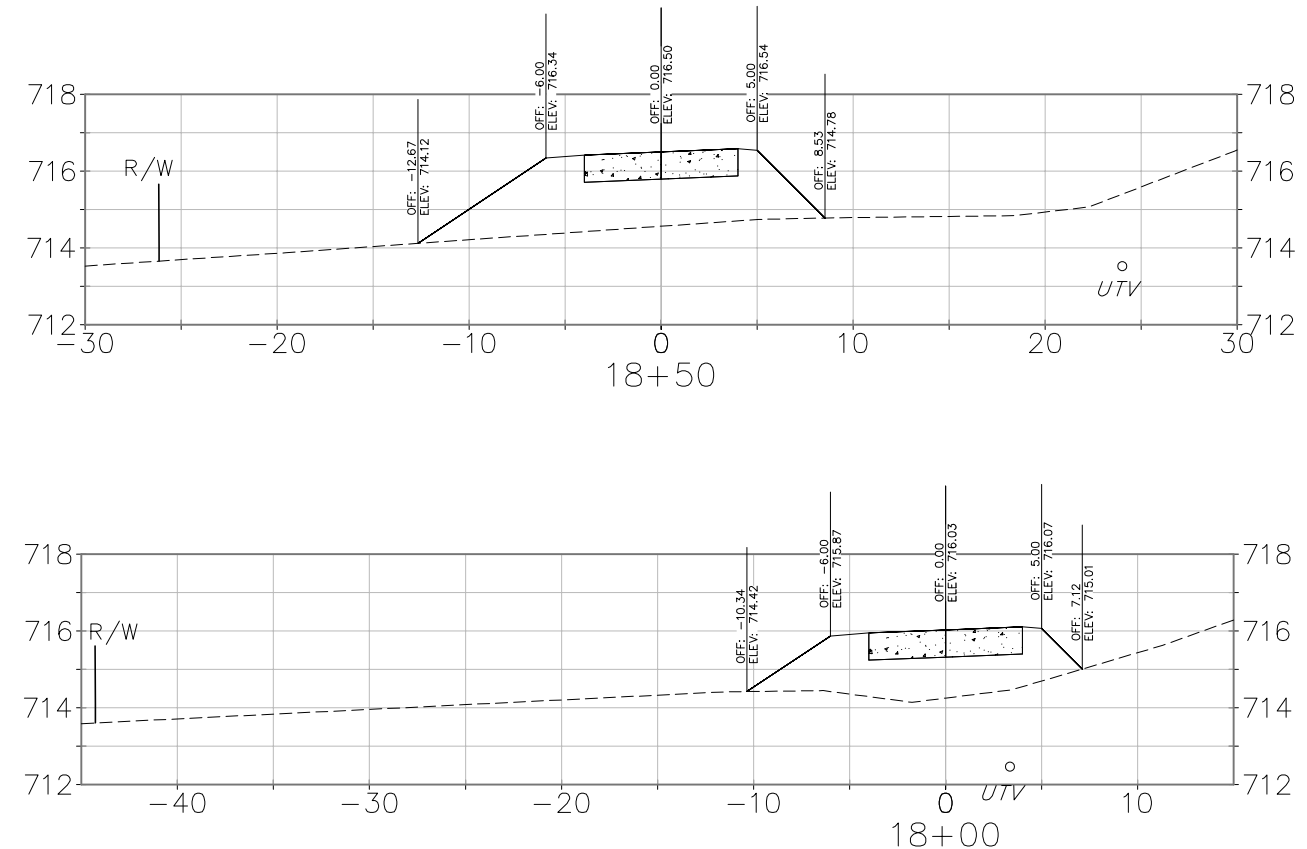
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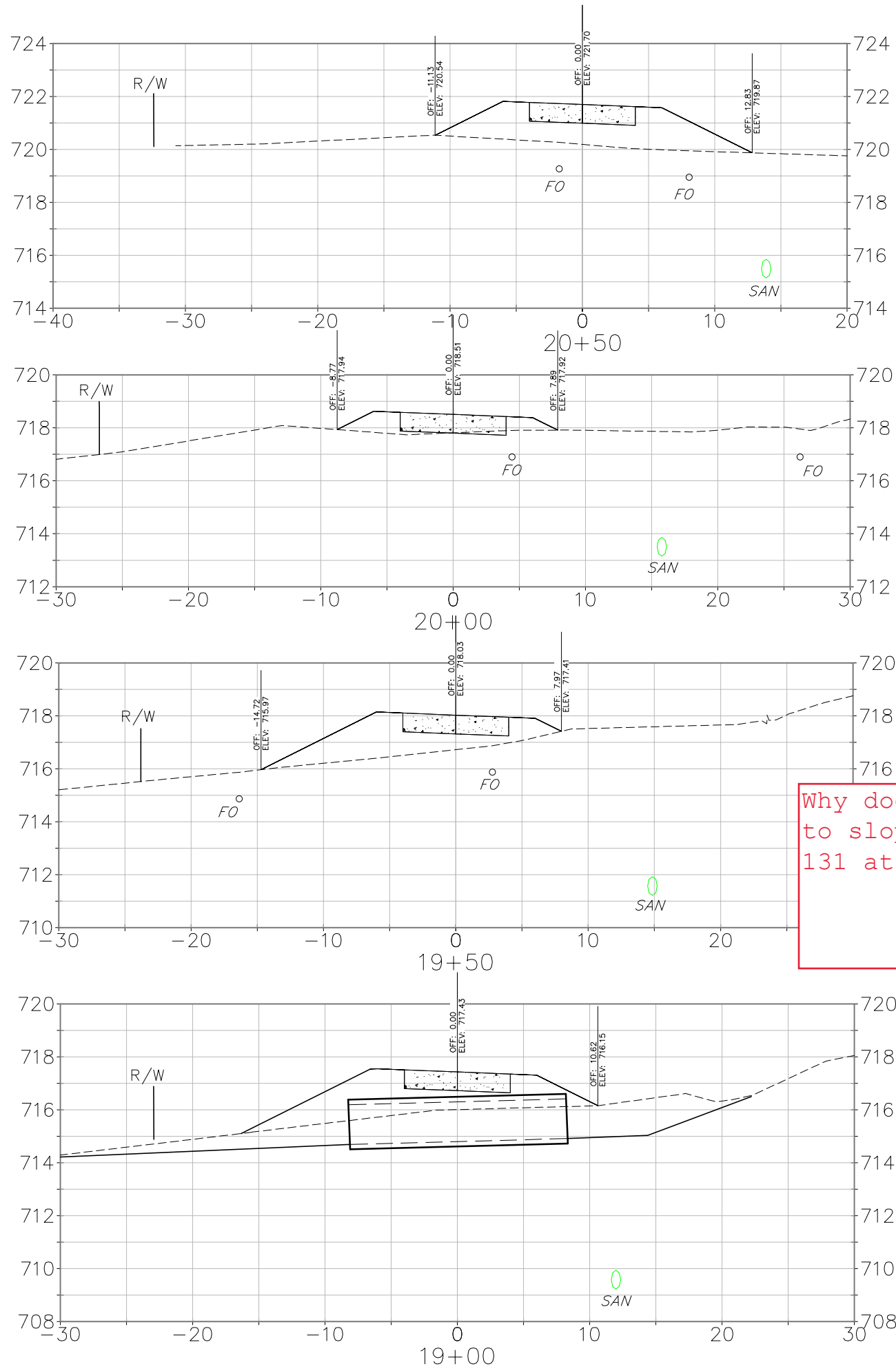




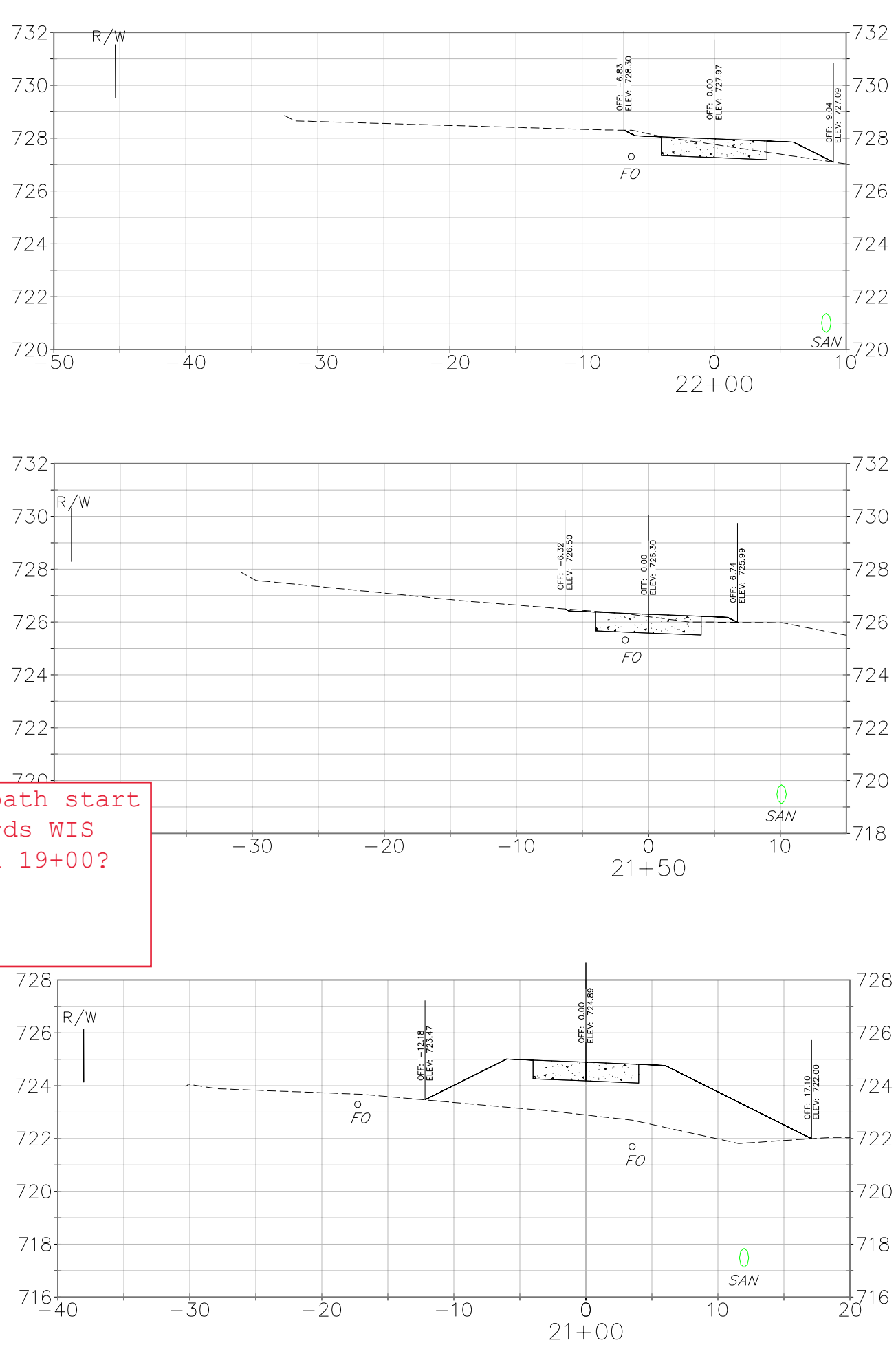


Will the capacity of the ditch be compromised around Station 16+50-18+50? You have an established driveway/FE at 17+50 with a culvert under it - how will this change in ditch line impact it, specifically to the south? Does this compromise the overall ditch capacity? Also it would appear that you are trapping water between the FE at 17+50 and the next paved driveway to the north (where the trail jogs away from the roadway).





Why does the path start to slope towards WIS 131 at station 19+00?

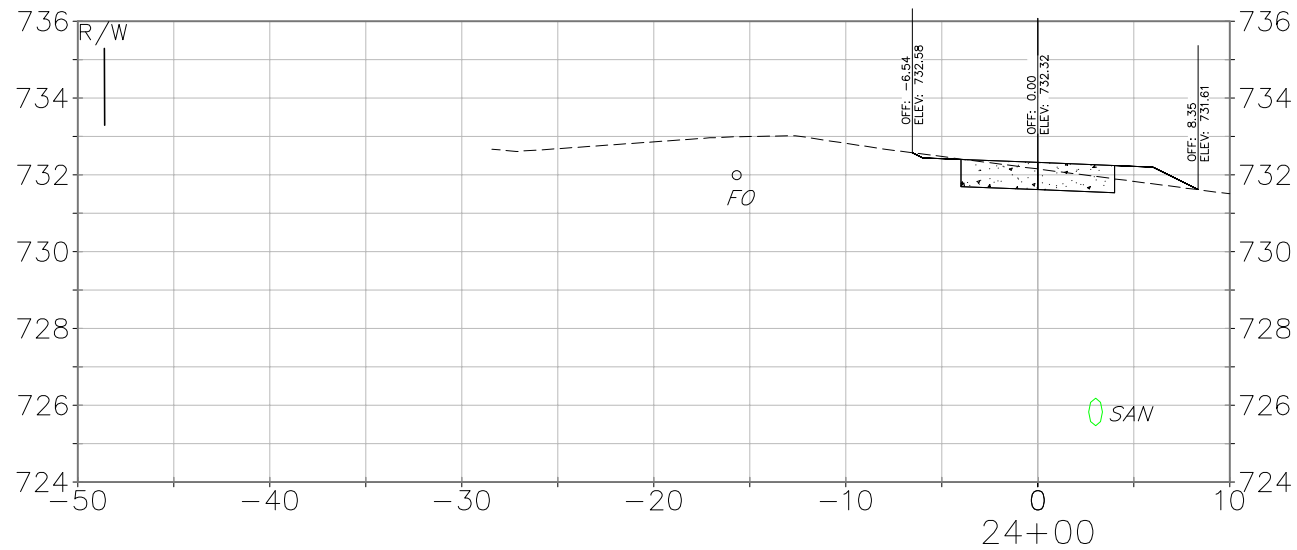
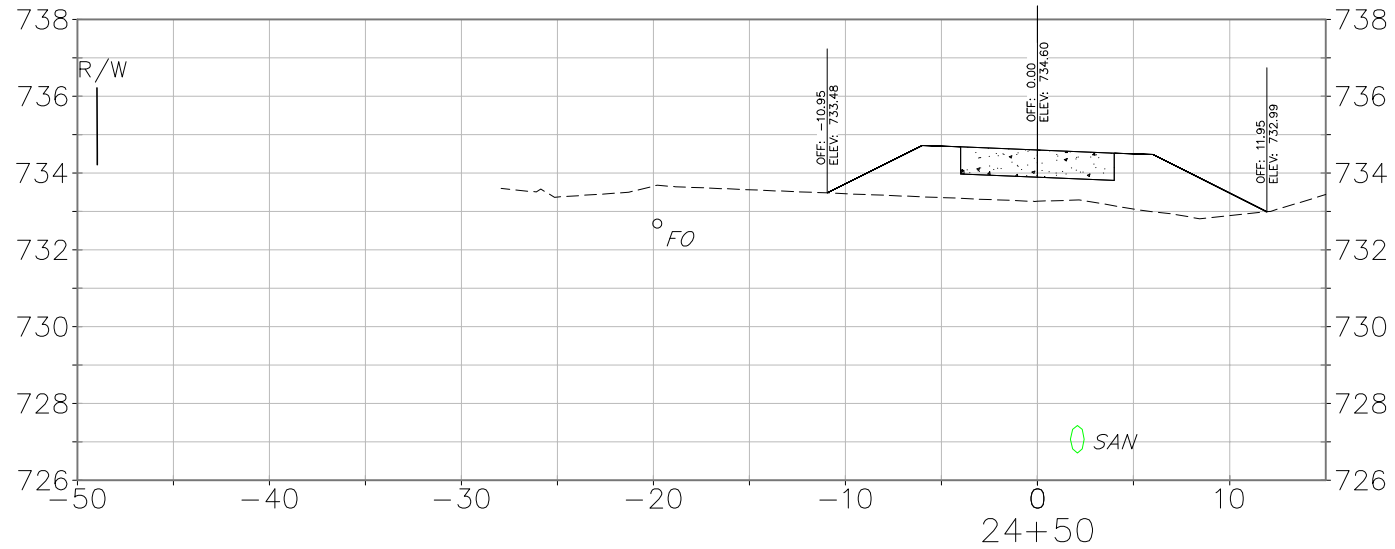
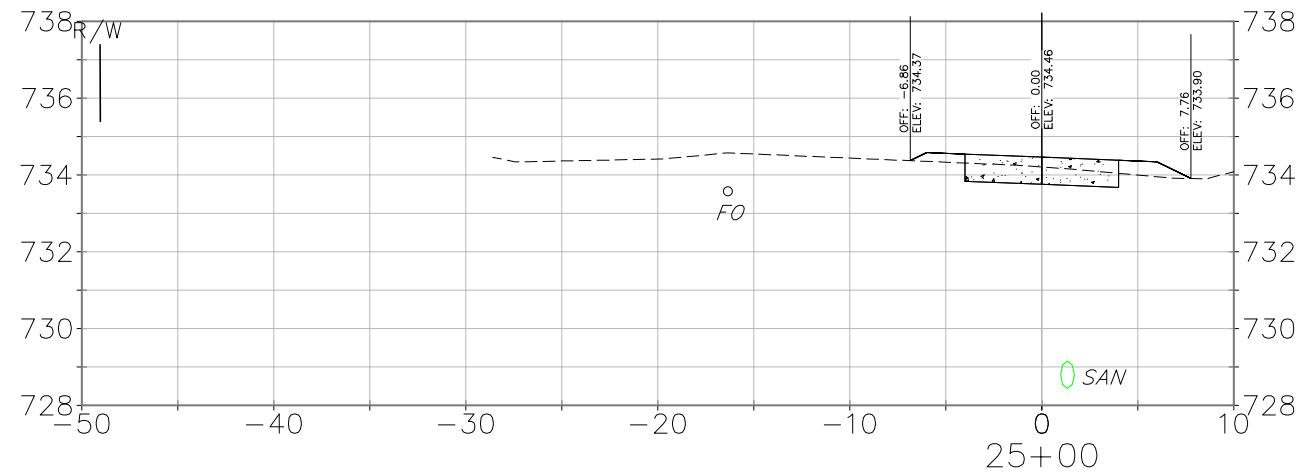
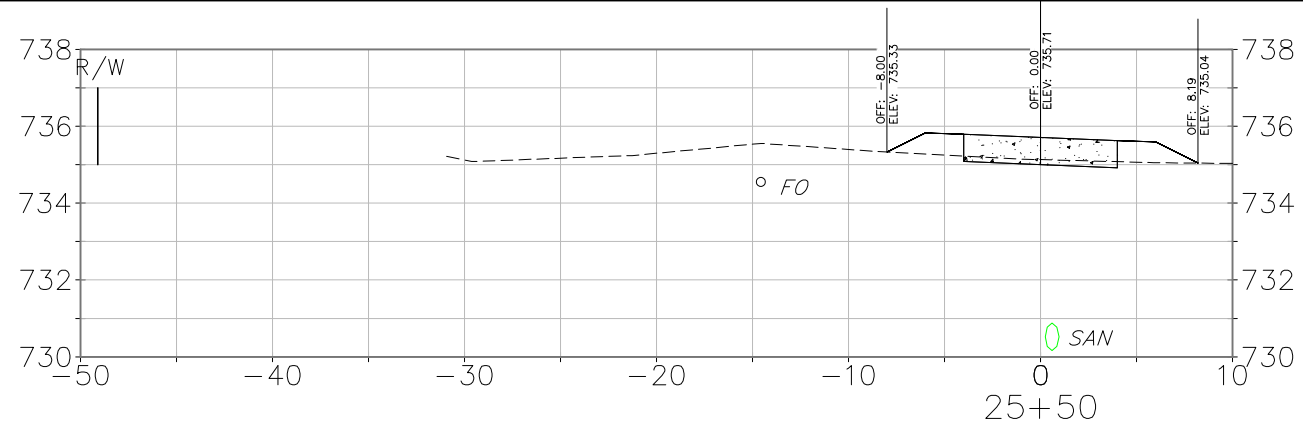
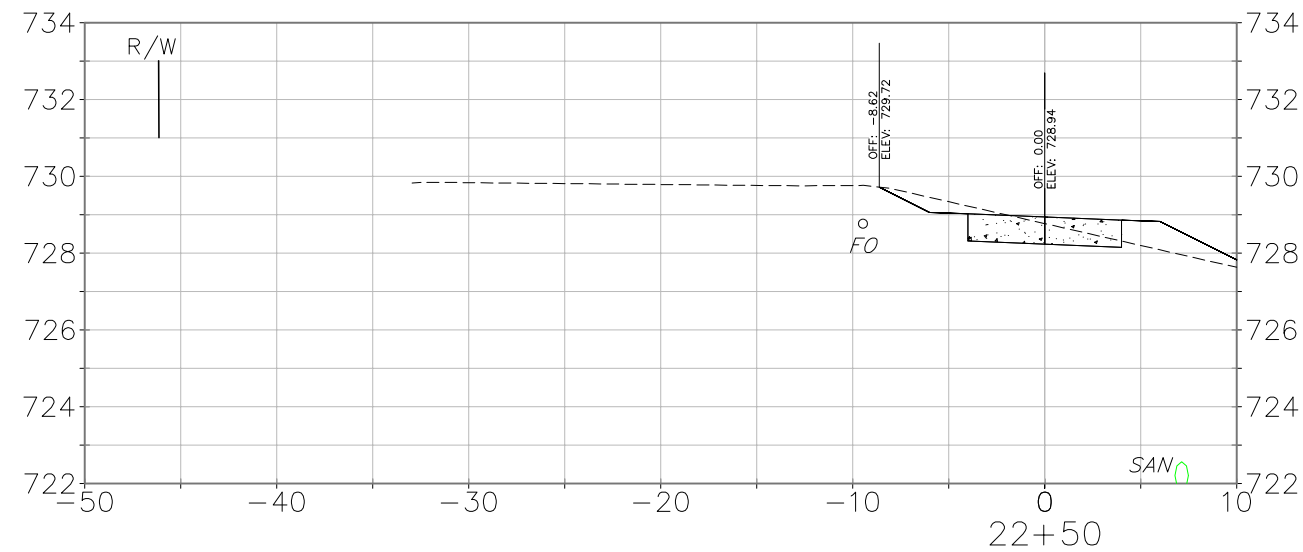
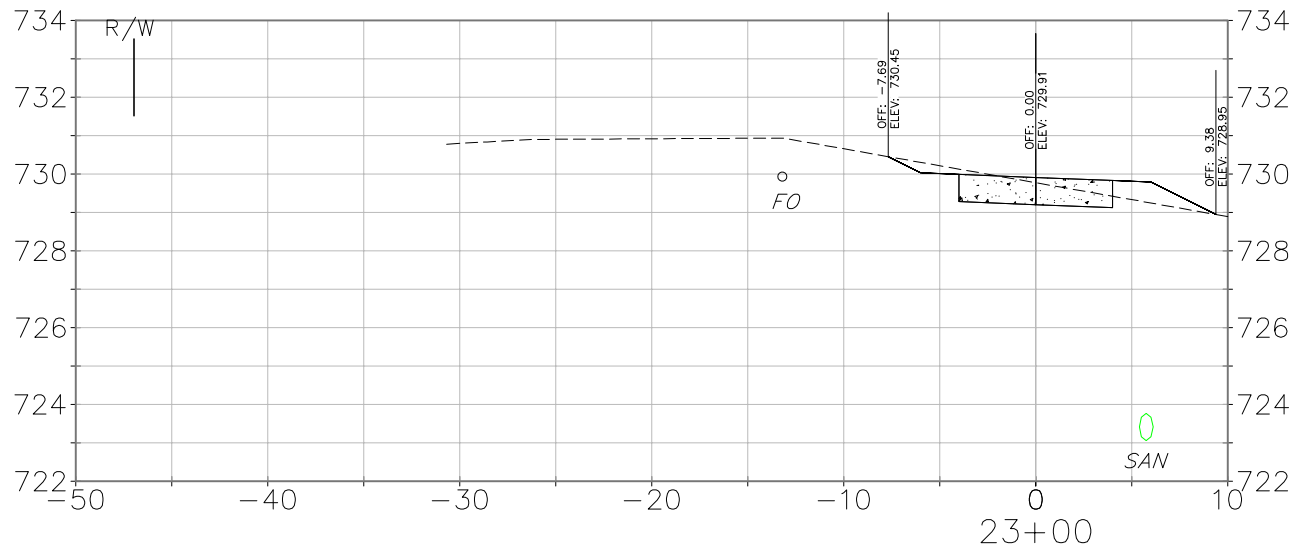
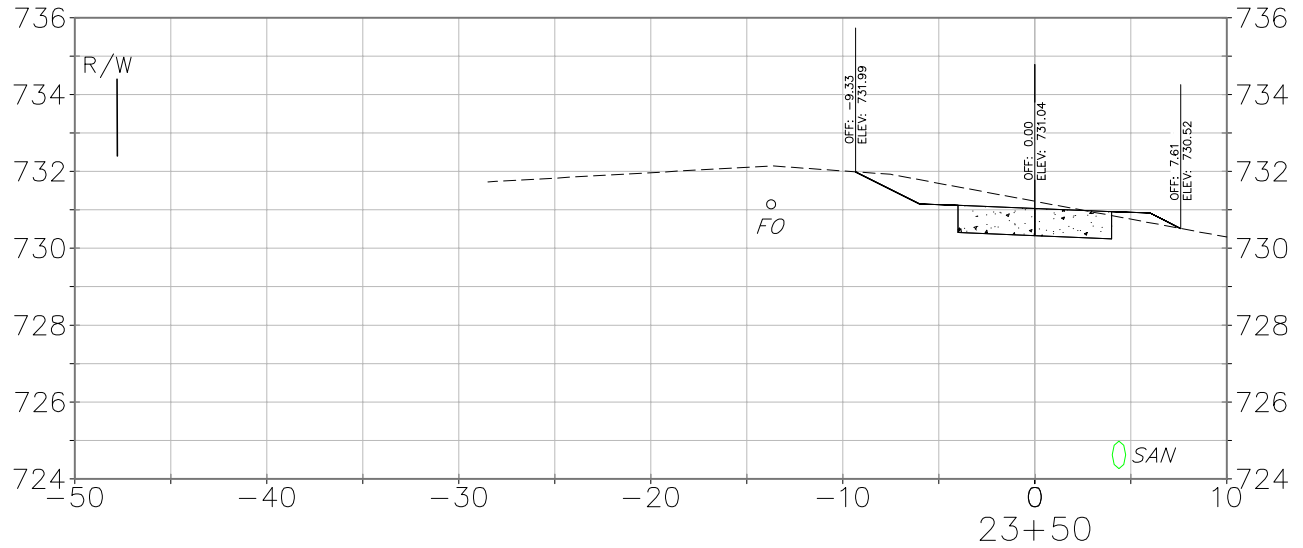


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CROSS SECTIONS
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GAYS MILLS, WISCONSIN

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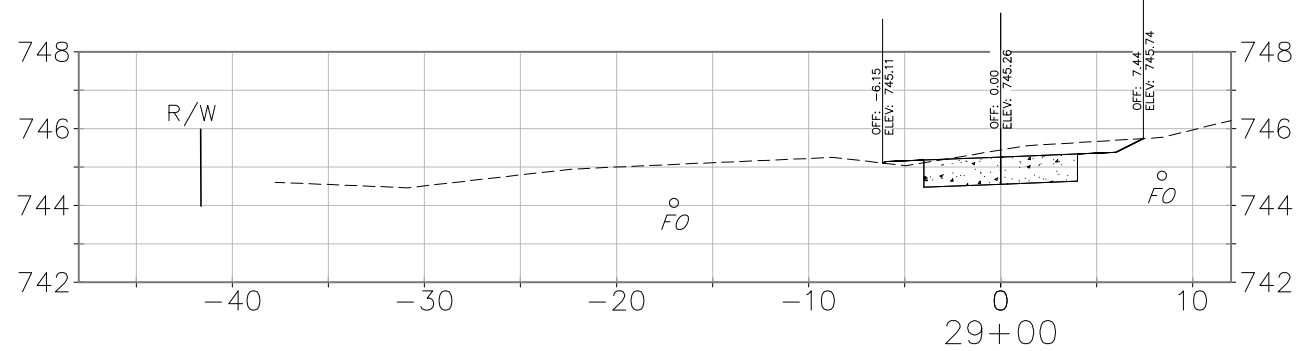
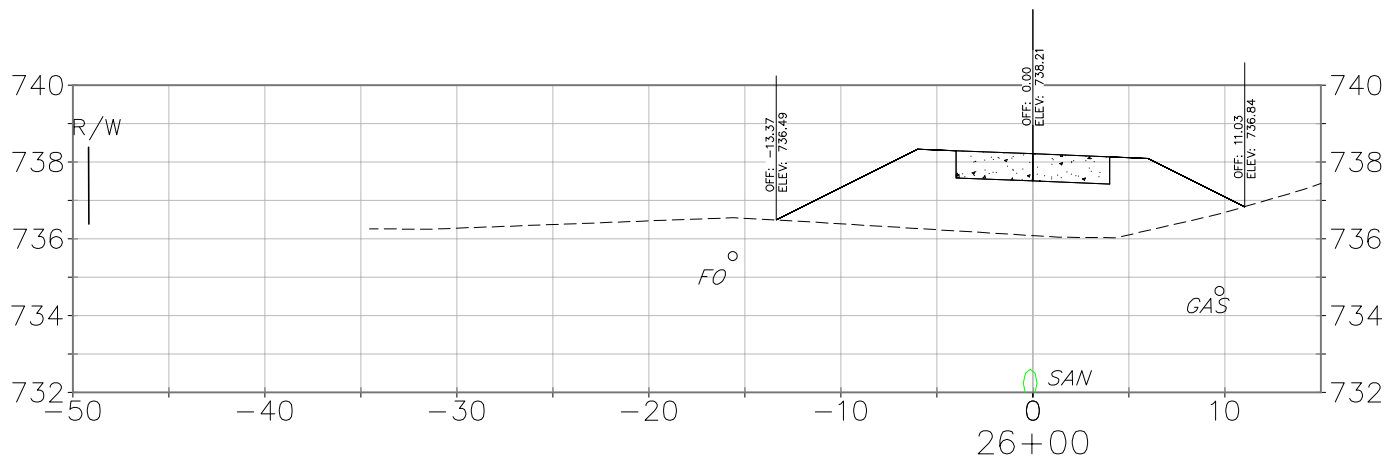
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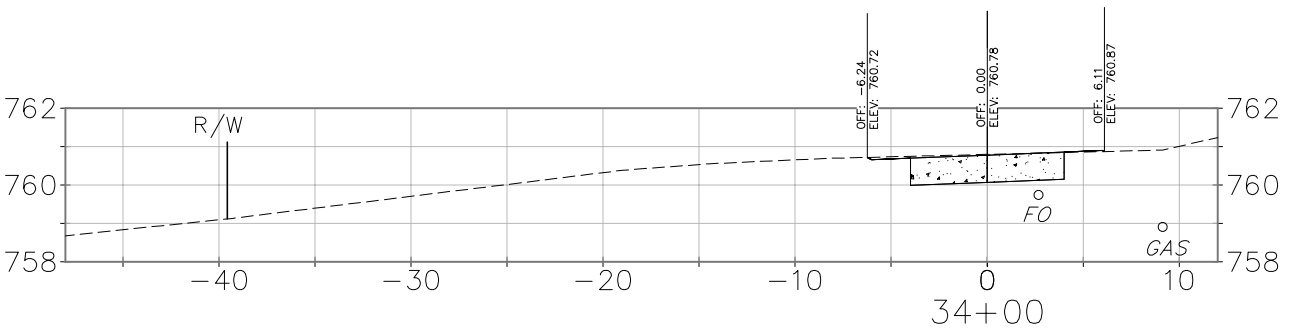
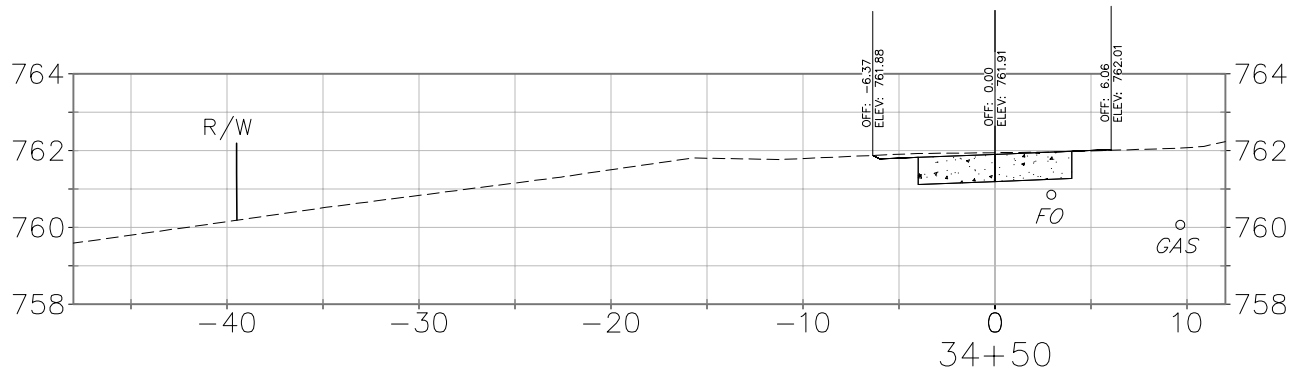
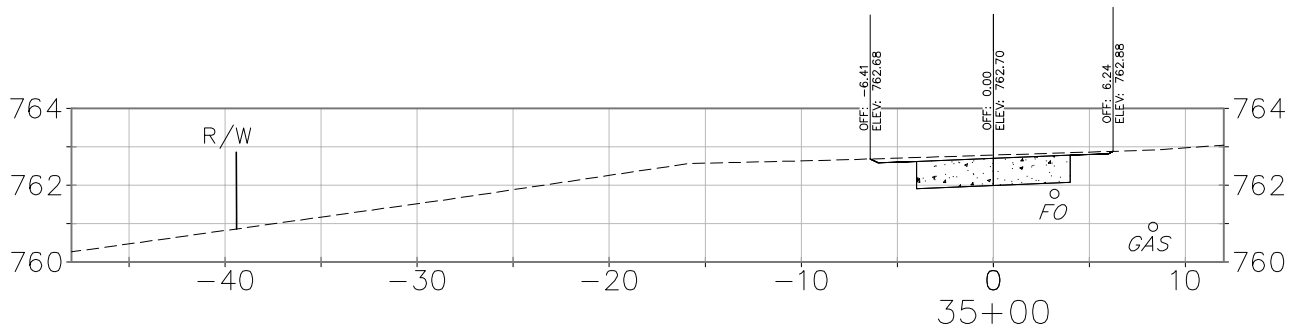
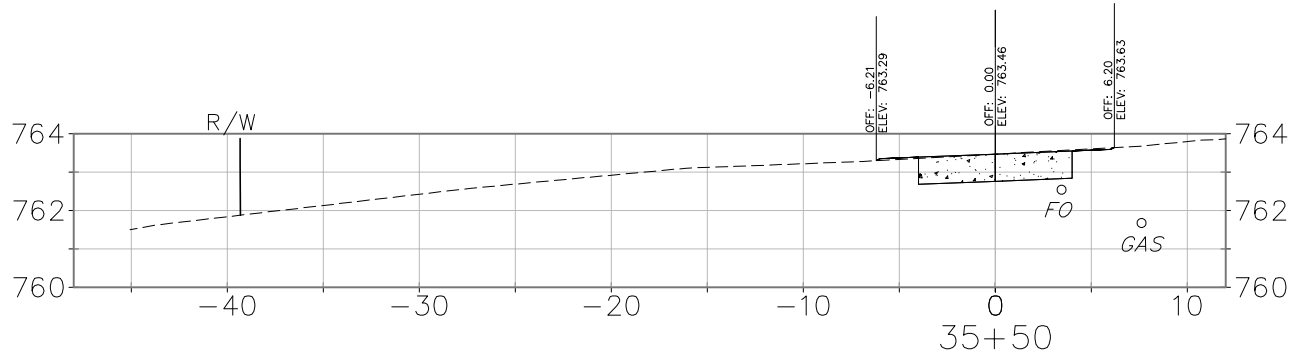
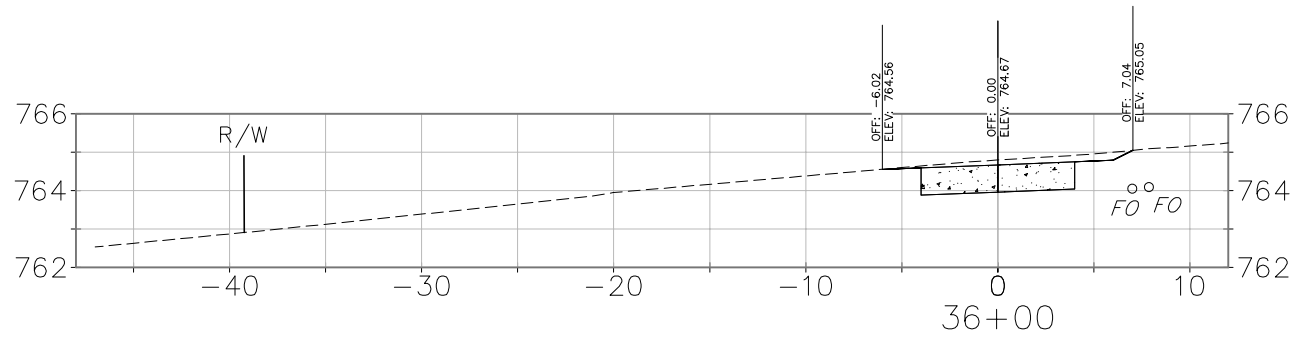
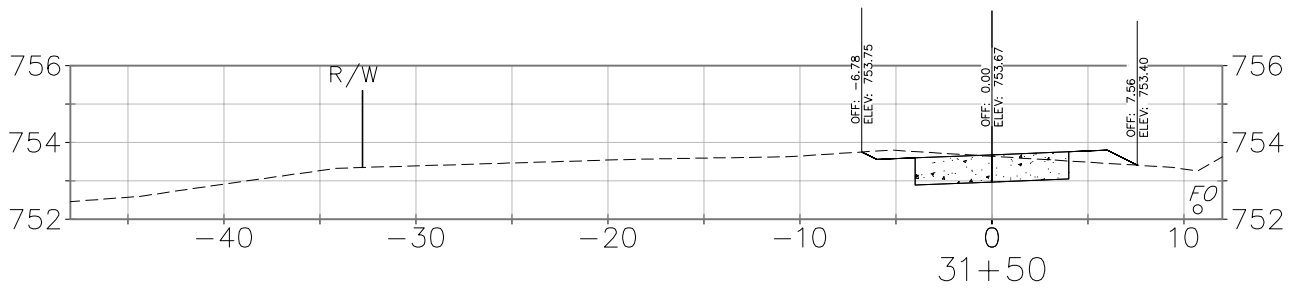
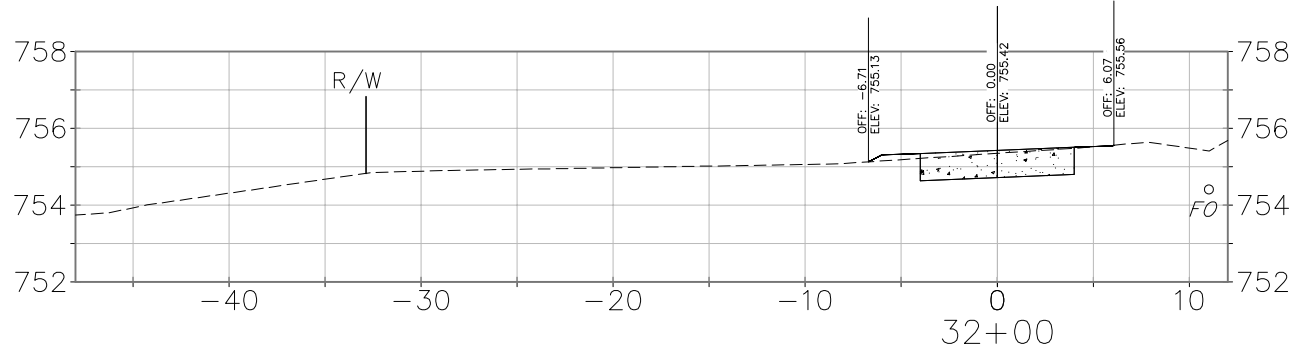
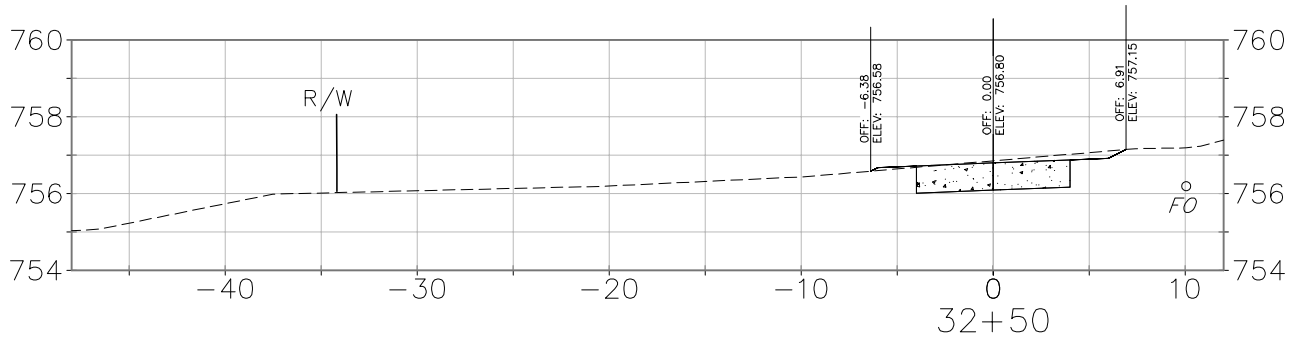
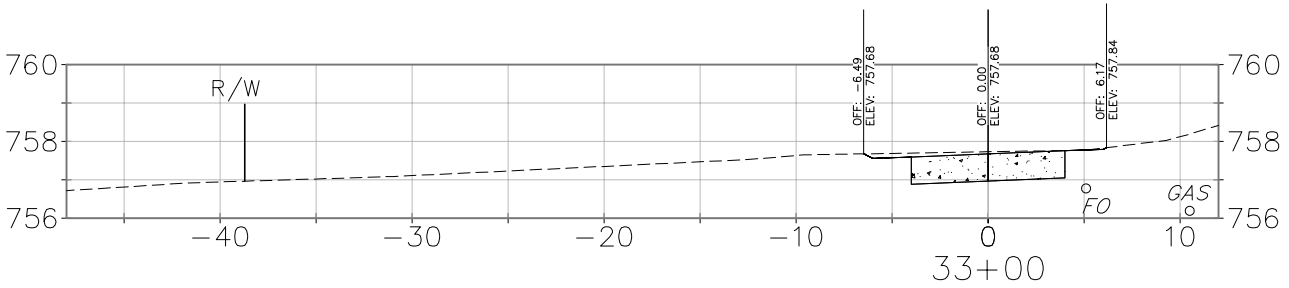
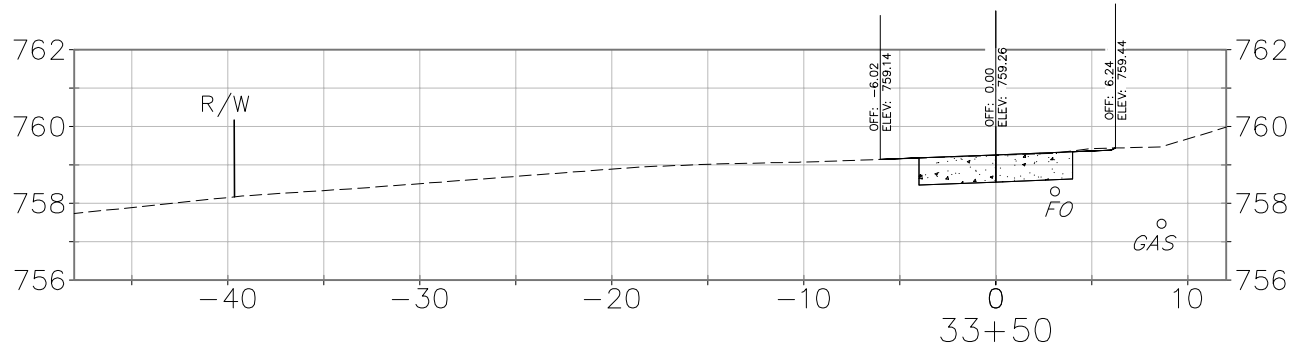
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CROSS SECTIONS

2018 TID NO. 1 INFRASTRUCTURE
TRAIL IMPROVEMENTS
GAYS MILLS, WISCONSIN

REVISIONS	NO.	DATE	REMARKS
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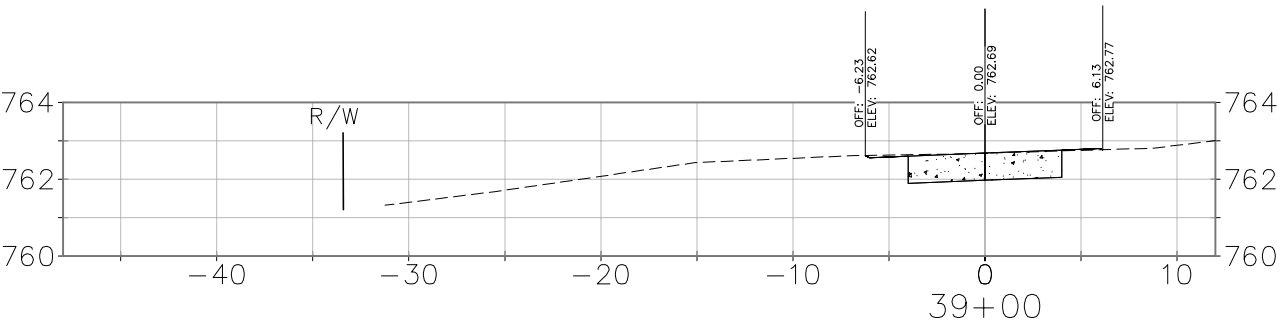
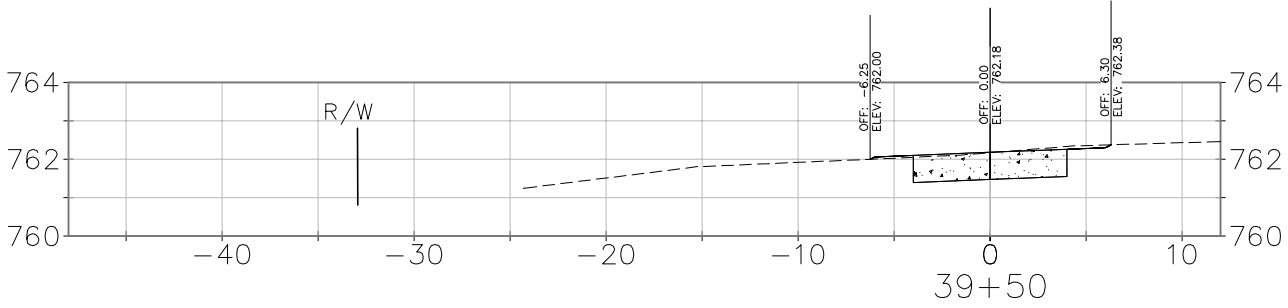
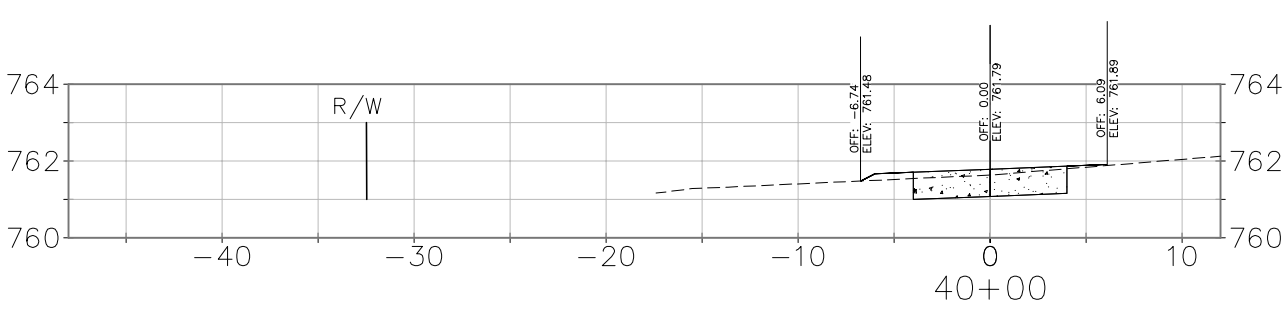
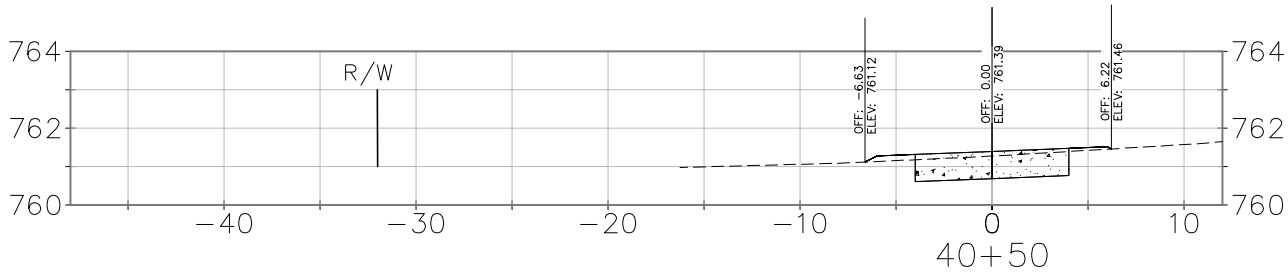
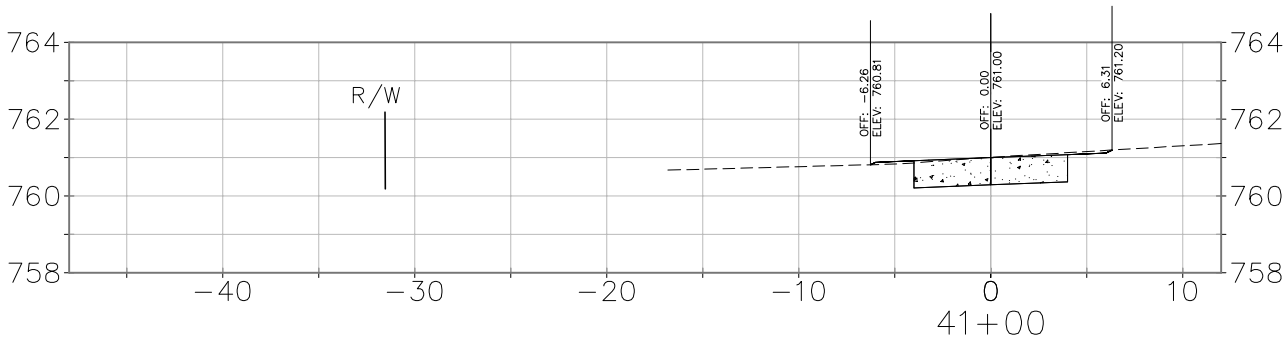
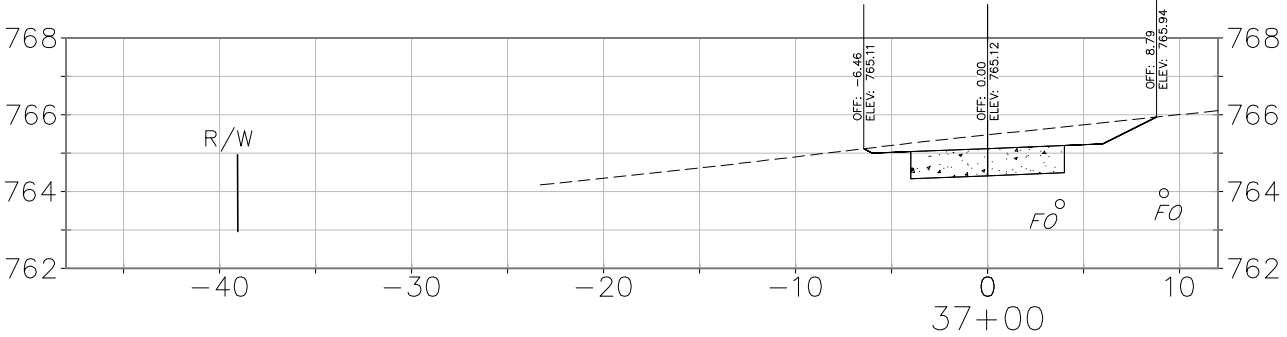
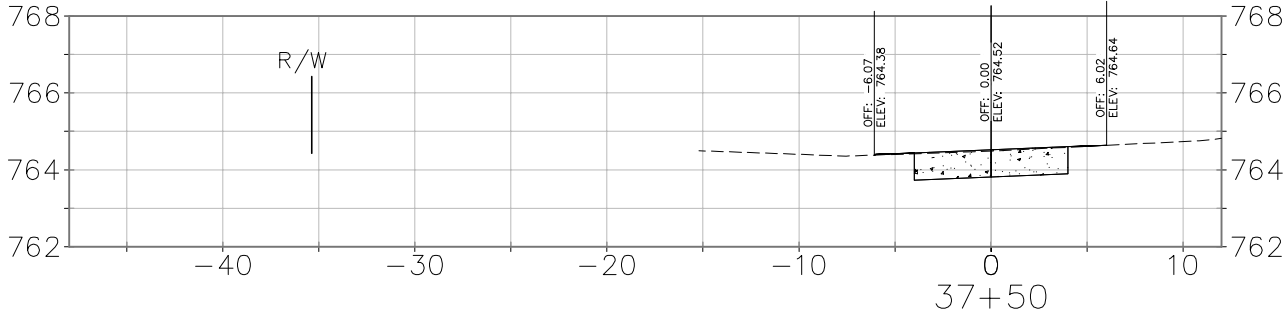
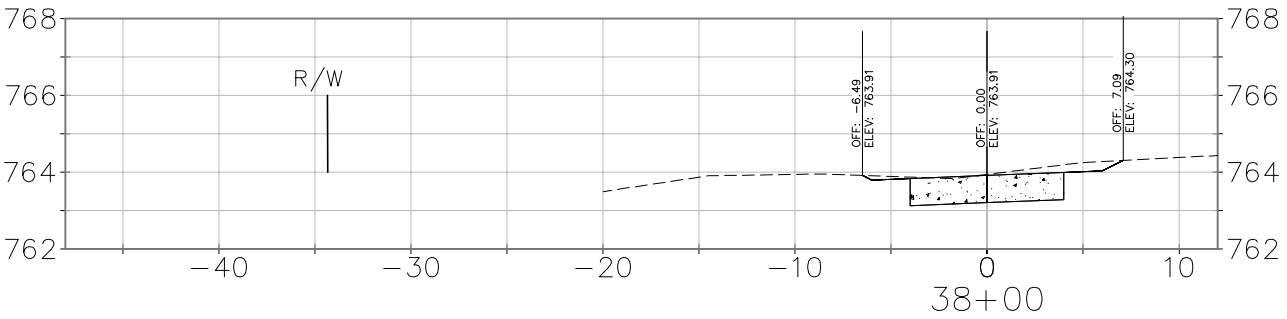
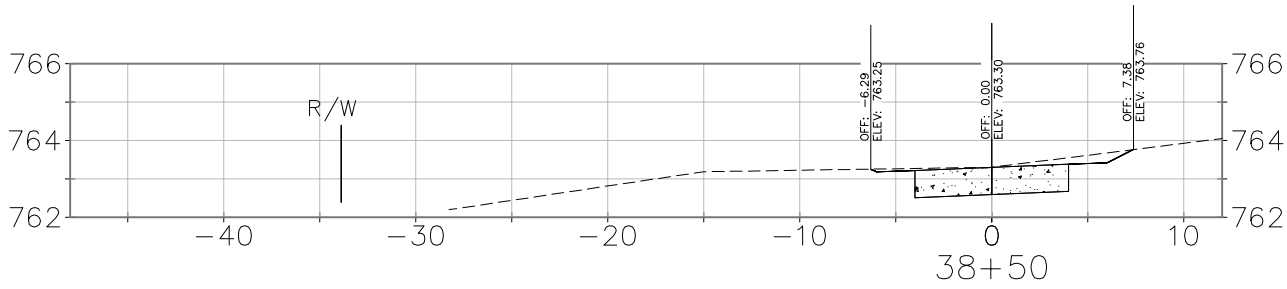
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REVNO.	DATE	REMARKS	REVNO.	DATE	REMARKS
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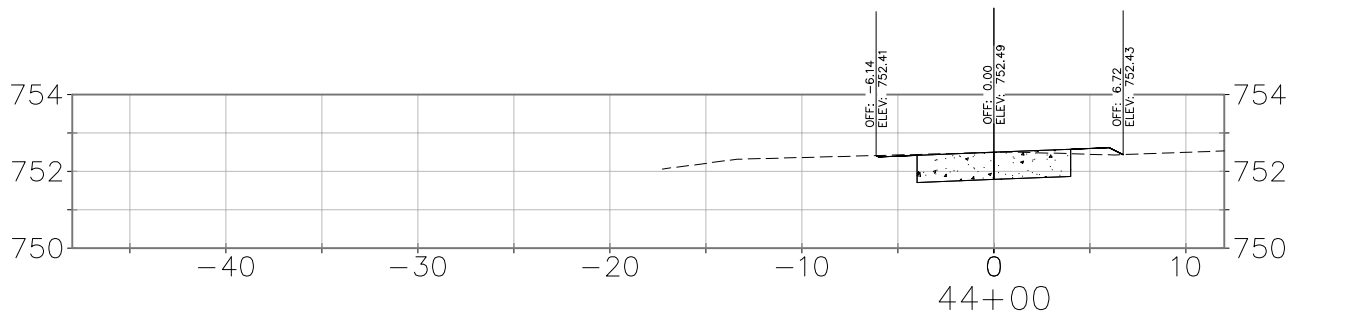
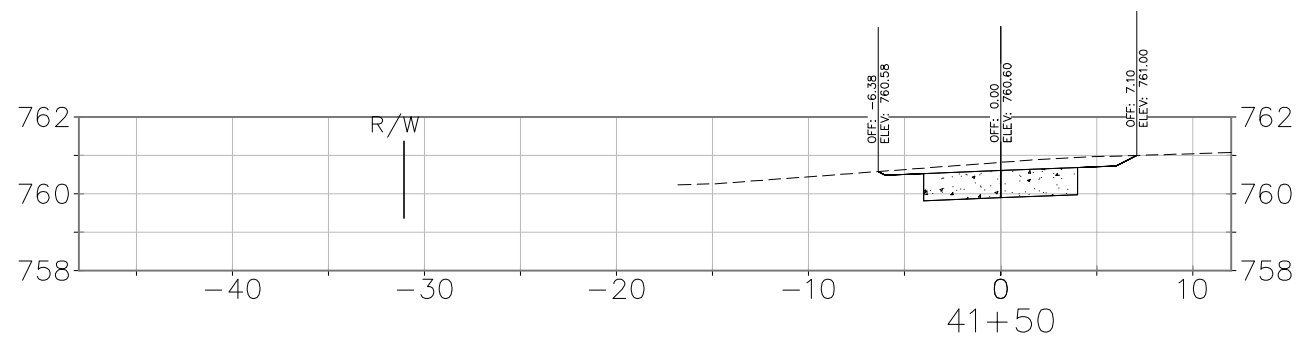


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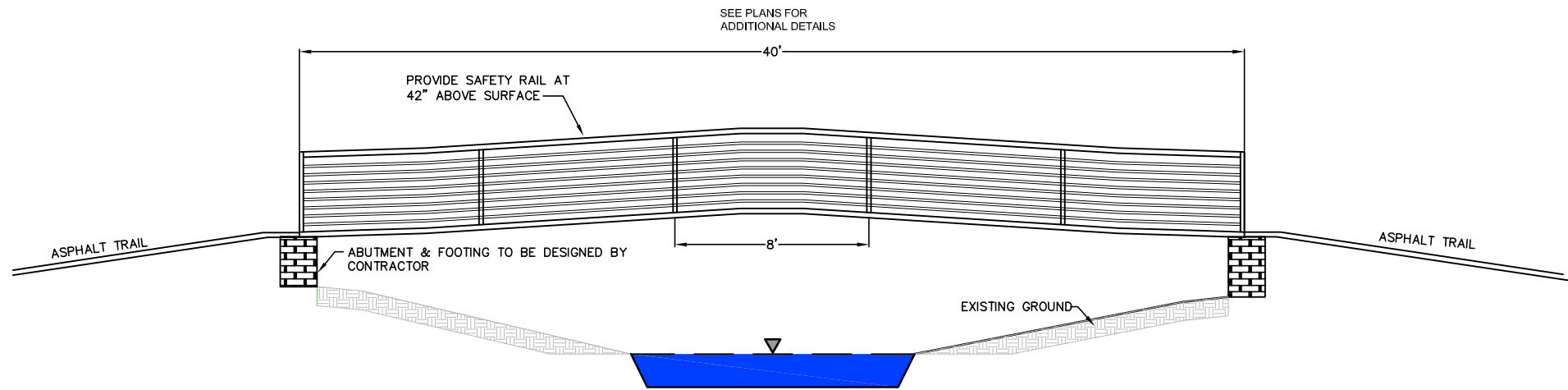
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SHEET 21 OF 25
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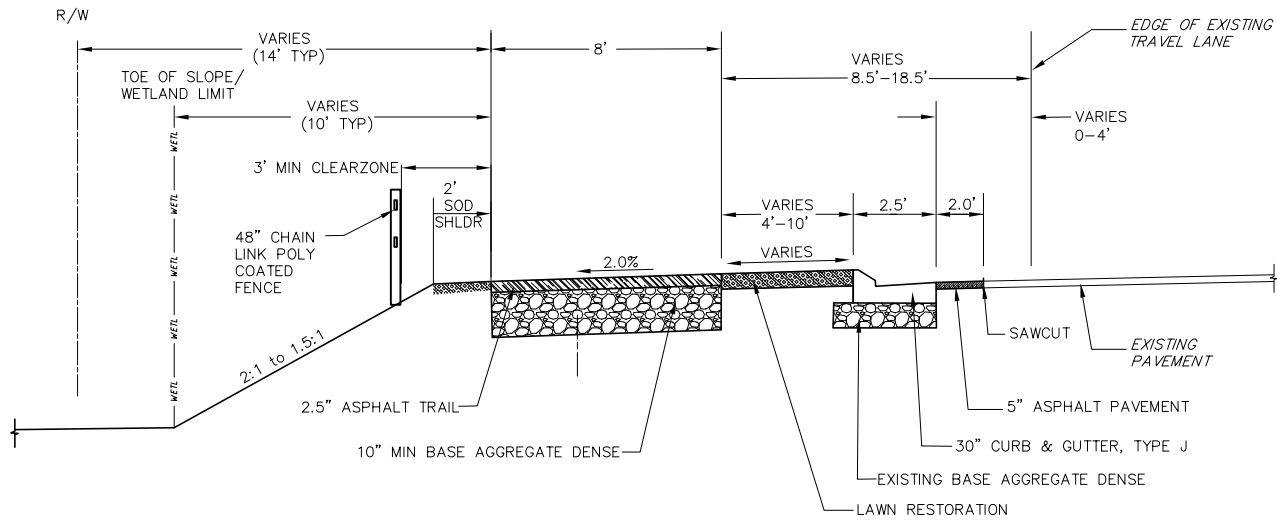
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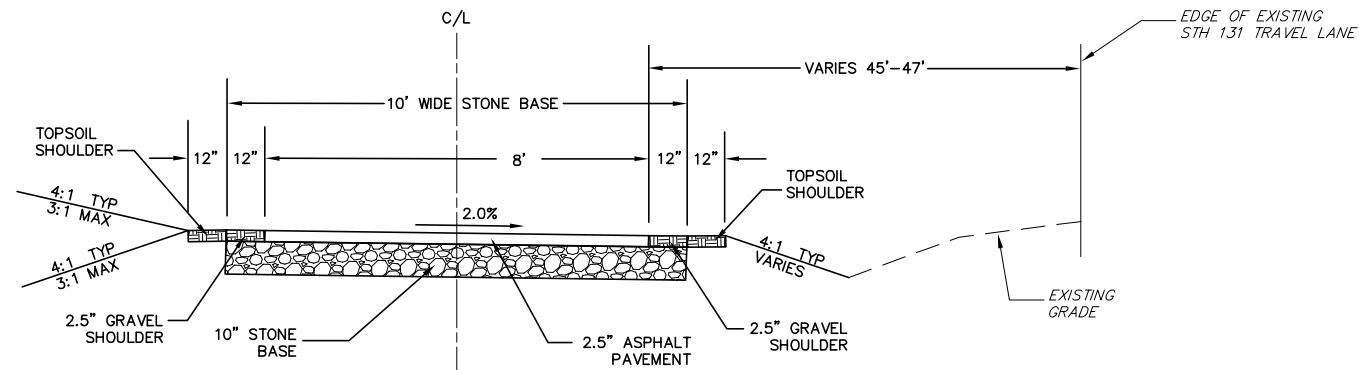


TEMPORARY EROSION CONTROL MEASURES WILL INCLUDE STRAW BALES AND SILT FENCE INSTALLED PRIOR TO CONSTRUCTION. PERMANENT EROSION CONTROL MEASURES WILL INCLUDE EROSION MAT AND/OR HEAVY RIP RAP AS DEEMED NECESSARY BY THE OWNER AND/OR ENGINEER.

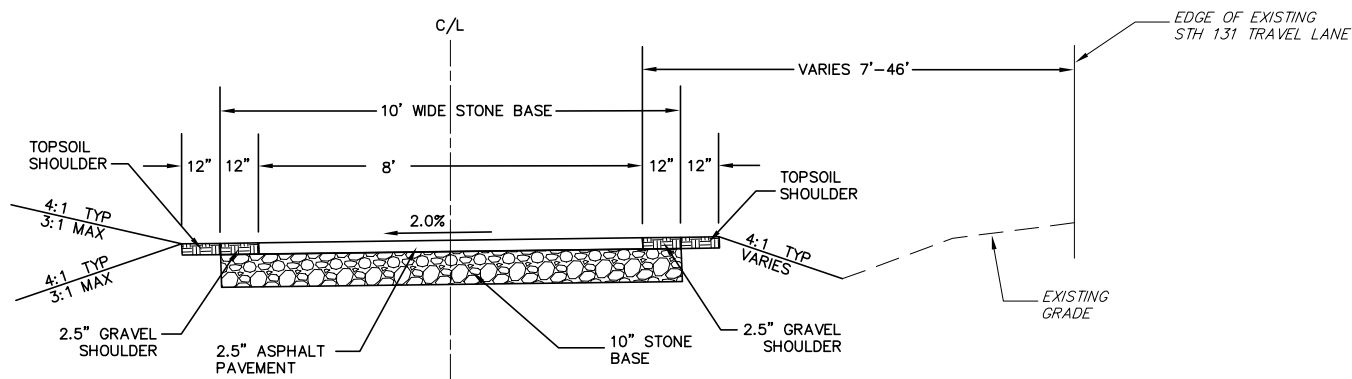
TYPICAL PREFABRICATED STEEL BRIDGE W/ TREATED WOOD DECK
NOT TO SCALE



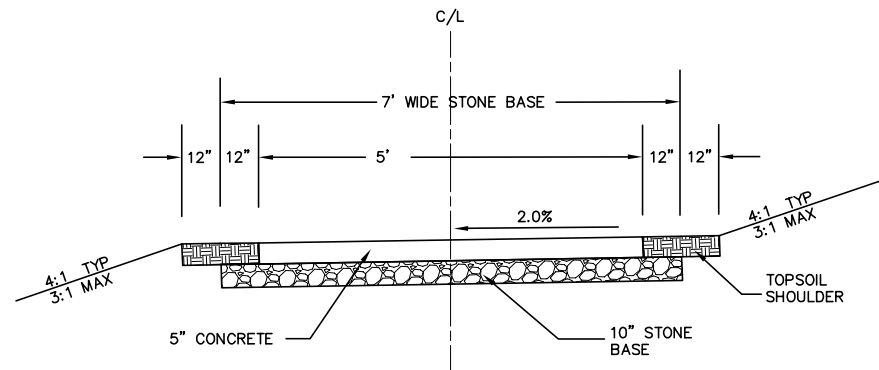
1 STH 131 TRAIL SECTION
1 STA 2+80 - STA 10+35 & STA 12+77 - 17+28



1 STH 131 TRAIL SECTION
1 STA 18+81 - 26+90



1 STH 131 TRAIL SECTION
1 STA 10+36 - 11+16, STA 11+57 - 12+76, STA 17+29 - 18+80, STA 27+55 - 41+67



TYPICAL CONCRETE SIDEWALK SECTION
STA 100+50 TO 102+53
(NOT TO SCALE)

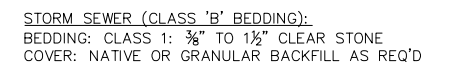
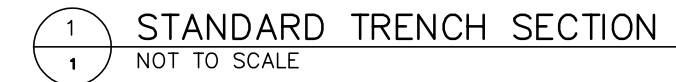
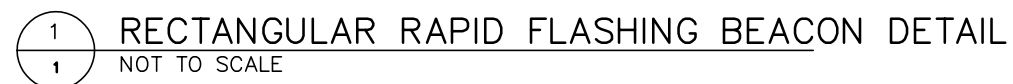


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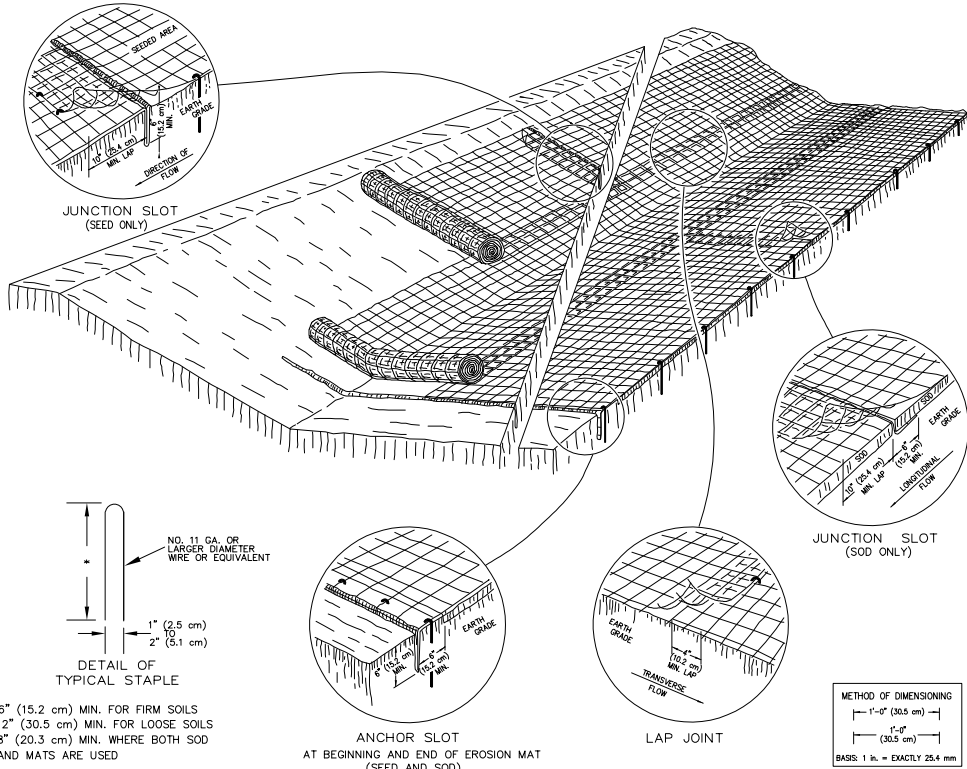
DETAILS

2018 TID NO. 1 INFRASTRUCTURE
TRAIL IMPROVEMENTS
GAYS MILLS, WISCONSIN

REVISIONS	NO.	DATE	REMARKS
1	1	JULY 2018	DATE
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1	1	JULY 2018	PROJECT NO.
1	1	JULY 2018	180089
1	1	JULY 2018	SHEET
1	1	JULY 2018	23 OF 25
1	1	JULY 2018	DWG. NO.



Please provide spec sheets for the RRFB that will be installed - include with the beacon permit also



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFIRM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS

VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERTINENT IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH AND IF PRIOR APPROVAL OF THE ENGINEER IS OBTAINED

LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHES.

JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET (1.219 m) APART.

EDGES OF THE EROSION MAT SHALL BE IMPRESSED IN THE SOIL.

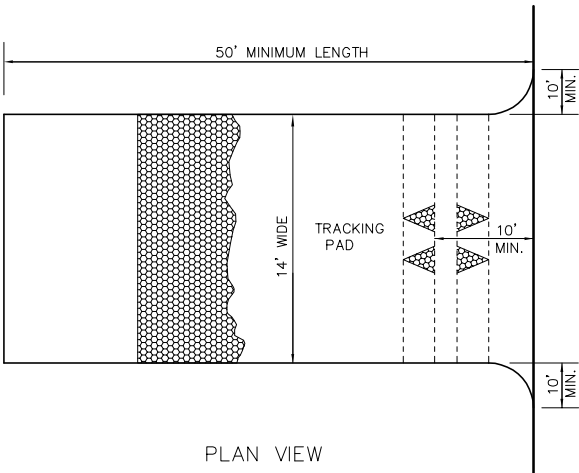
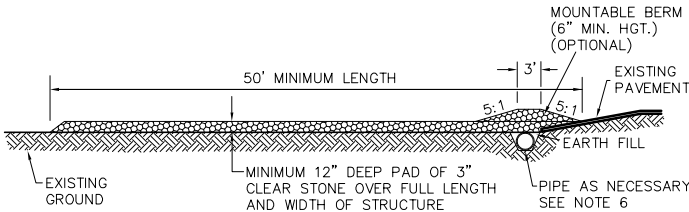
EROSION MAT WILL BE MEASURED AND PAID FOR IN ACCORDANCE WITH THE SPECIFICATIONS.

EROSION MAT OVER SOD

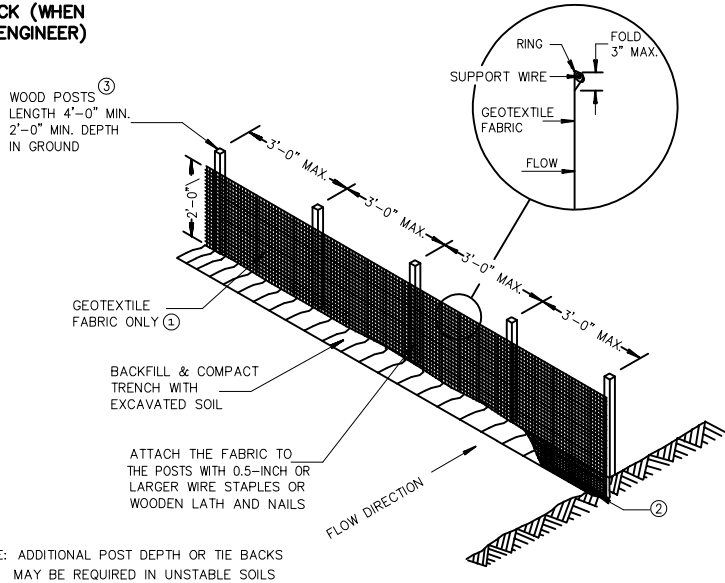
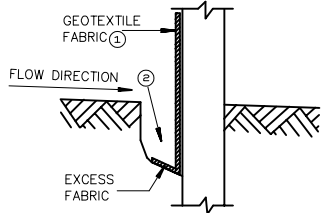
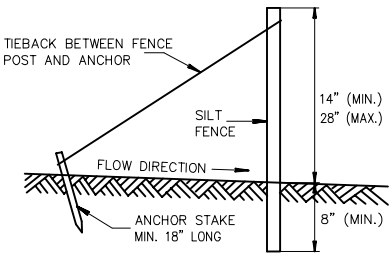
- ONLY JUTE FABRIC WILL BE PERMITTED OVER SOD.
- WOOD STAKES FOR SOD MAY BE OMITTED BY THE ENGINEER IF THE EXISTING SLOPE AND SOIL CONDITIONS SO WARRANT.
- THE WIDTH OF THE EROSION MAT SHALL ALWAYS EQUAL THE SOD WIDTH.
- SOD STRIPS MAY BE PLACED EITHER LONGITUDINALLY OR TRANSVERSELY TO THE FLOW LINE OF THE DITCH.

EROSION MAT OVER SEEDING

JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET (30.48 m) ON GRADES UP TO AND INCLUDING 3 PERCENT, AND 50 FEET (15.24 m) ON GRADES EXCEEDING 3 PERCENT.



- FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
- LENGTH - MINIMUM OF 50'.
- WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
- STONE - CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
- SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
- LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.



- SILT FENCE SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING PROLONGED RAINFALL. REPAIR OR REPLACEMENT SHALL BE DONE IMMEDIATELY IF FENCING IS TORN, SAGGING, OVERTOPPED, BLOWN OVER (LAYING DOWN), SHOWS A LACK OF MATERIAL INTEGRITY, OR IN ANY WAY IS NOT FUNCTIONING AS DESIGNED.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN DEPOSITS REACH 0.5 THE HEIGHT OF THE FENCE.

GENERAL NOTES

DETAIL OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS.

WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE, WITH THE ENDS POINTING UPSLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.

GEOTEXTILE FABRIC SHALL CONFORM TO WDNr'S "WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK" REQUIREMENTS

TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" x 1 1/8" OF OAK OR HICKORY.

HORIZONTAL BRACE WITH 2" x 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.

STONE TRACKING PAD
(NOT TO SCALE)

STANDARD ENDWALL
(NOT TO SCALE)

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DETAILS

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REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

SCALE AS SHOWN

DATE JULY 2018

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PROJECT NO. 180089

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