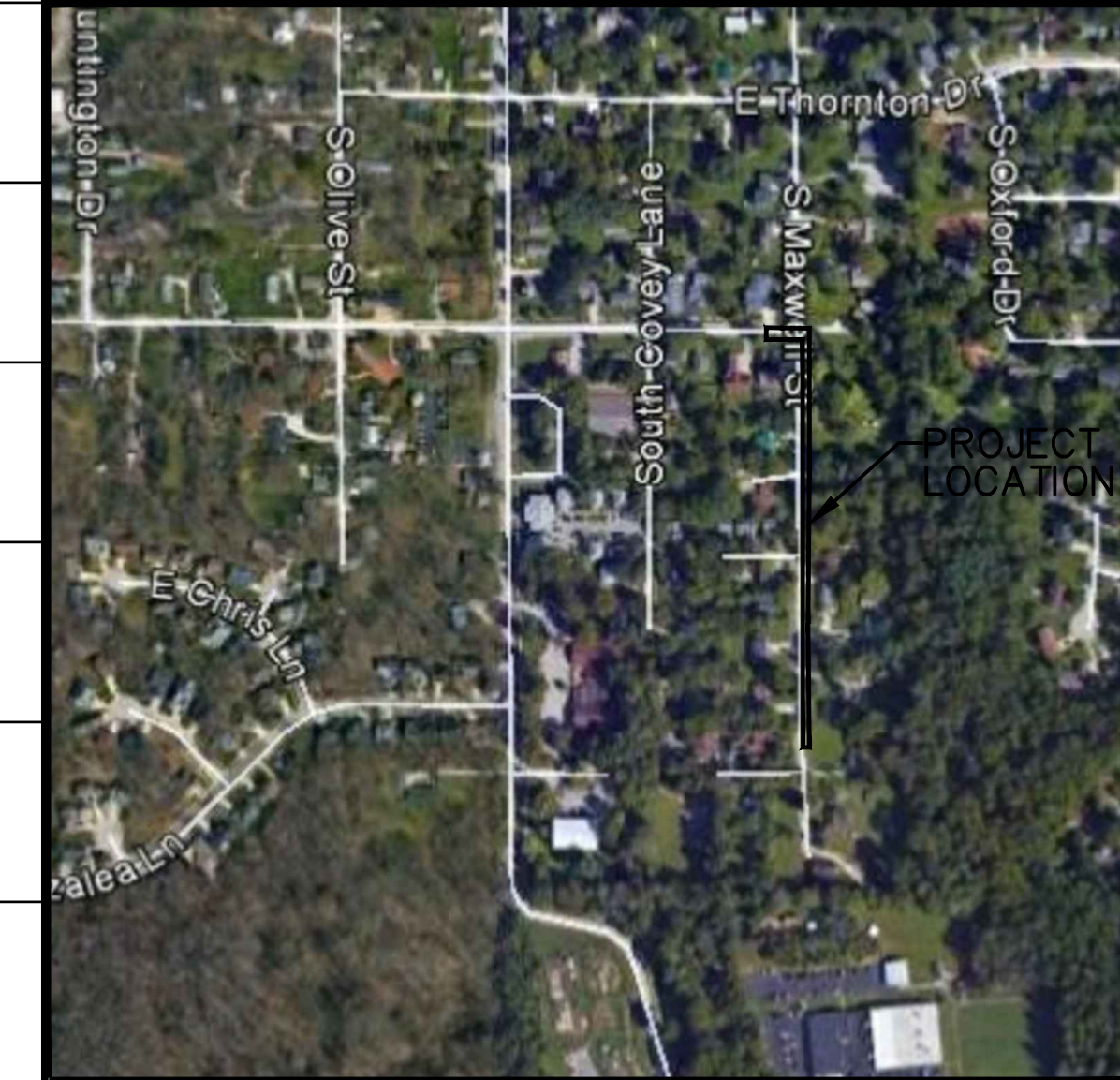


PROPOSED: MAXWELL ST. SIDEWALK From Short Street to Miller Drive

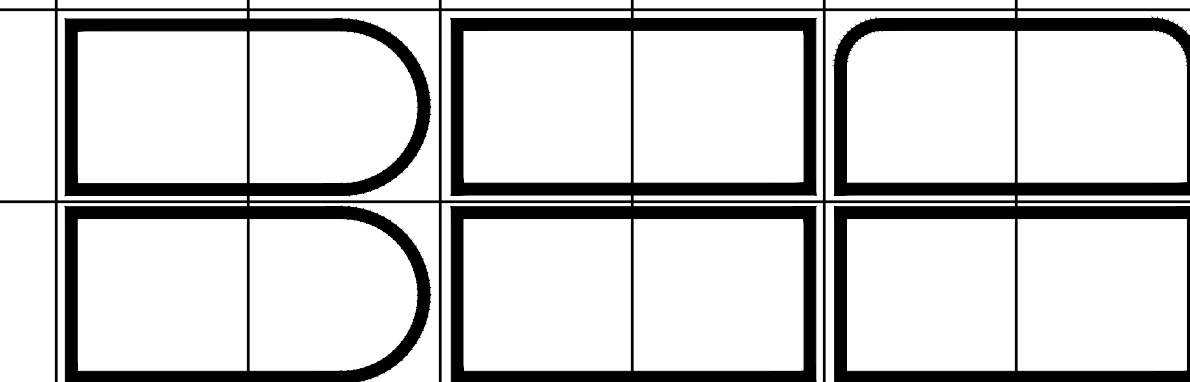


VICINITY/LOCATION MAP
SCALE: 1"=2000'

Bloomington, Indiana

UTILITY CONTACT INFORMATION			
GAS VECTREN 205 S. MADISON ST. BLOOMINGTON, IN 47401 (812)330-4009	SEWER AND WATER CITY OF BLOOMINGTON UTILITIES 600 E. MILLER DR. BLOOMINGTON, IN 47402 NANCY AXSOM (812)349-3689	ELECTRIC DUKE ENERGY 1619 W. DEFFENBAUGH ROAD KOKOMO, INDIANA 46902 JIM SHIELDS (317)375-2071	TRAFFIC & PWMT. MARKINGS CITY OF BLOOMINGTON STREET DEPARTMENT 1981 S HENDERSON STREET BLOOMINGTON, INDIANA 47401 MIKE STINSON (812) 349-3450
TELEPHONE AT&T P.O. BOX 56 BLOOMINGTON, IN 47402 BRENT McCABE (812)334-4521	CABLE TELEVISION COMCAST 2450 SOUTH HENDERSON STREET BLOOMINGTON, IN 47404 SCOTT TEMPLETON (812)355-7822	UNDERGROUND UTILITY LOCATION INDIANA UNDERGROUND PLANT PROTECTION 1-(800)382-5544	

SHEET INDEX	
SHEET NO.	SHEET NO.
C101	GENERAL NOTES & LEGENDS
C201 - C203	MISCELLANEOUS & EROSION DETAILS
C301 - C302	PLAN & PROFILE SHEETS
C401 - C405	CROSS SECTION SHEETS

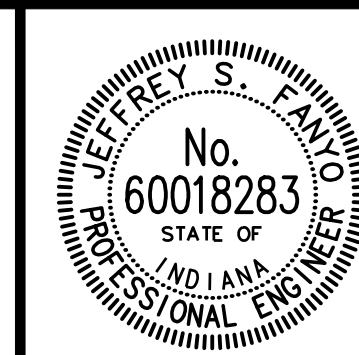


BYNUM FANYO & ASSOCIATES, INC.
528 North Walnut Street
Bloomington, Indiana 47404 (812) 332-8030

architecture
civil engineering
planning

OWNER/DEVELOPER:
CITY OF BLOOMINGTON
401 N. MORTON STREET
BLOOMINGTON, IN 47404

THE CURRENT EDITION OF THE INDIANA DEPARTMENT OF TRANSPORTATION, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE CURRENT EDITION OF THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS & CITY OF BLOOMINGTON UTILITIES STANDARD SPECIFICATIONS ARE TO BE USED WITH THESE PLANS



Certified By:
Jeffrey S. Fanyo
JEFFREY S. FANYO, P.E.
IND. REG. NO. 60018283

Revisions

MAXWELL STREET SIDEWALK
PROJECT NO. 401852

revisions:

GENERAL LEGEND

---	PROPERTY LINE
---	PROPERTY LINE
XXX/XXX	DEED BOOK AND PAGE
T.B.R.	TO BE REMOVED
T.R.U.	TO REMAIN UNDISTURBED
X' SBL	SETBACK LINE
	PROPOSED ACCESSIBLE PARKING SPACE
S.S.E.	SANITARY SEWER EASEMENT
G.E.	GAS EASEMENT
W.L.E.	WATER LINE EASEMENT
E.E.	ELECTRIC EASEMENT
D.E.	DRAINAGE EASEMENT
U.E.	UTILITY EASEMENT

EXISTING LEGEND

— X —	EXISTING FENCE
— W —	EXISTING WATER LINE
— OHE —	EXISTING OVERHEAD ELECTRIC LINES
— UGE —	EXISTING UNDERGROUND ELECTRIC LINES
— OHT —	EXISTING OVERHEAD TELEPHONE LINES
— UGT —	EXISTING UNDERGROUND TELEPHONE LINE
— GAS —	EXISTING GAS LINE
--- XXX ---	EXISTING CONTOUR & ELEVATION
— FLOW LINE —	FLOW LINE
— SS —	EXISTING SANITARY SEWER AND MANHOLE
— ST —	EXISTING STORM SEWER AND INLET

SITE LEGEND

(A)	PROPOSED ROAD BITUMINOUS PAVING
(B)	PROPOSED WEDGE AND LEVELING USING 110# BITUMINOUS SURFACE #11 ON BITUMINOUS BINDER # 8 OR 9
(W)	PROPOSED ALL-PURPOSE TRAIL BITUMINOUS PAVING
(C)	PROPOSED REINFORCED CONCRETE PAVING
(F)	PROPOSED CONCRETE SIDEWALK
(F1)	PROPOSED MONOLITHIC CURB AND SIDEWALK
(PP)	PROPOSED CITY OF BLOOMINGTON STANDARD ROAD PAVEMENT PATCH
(13)	PROPOSED 6 IN STANDING CURB
(15)	PROPOSED 6 IN CONCRETE CURB AND GUTTER
(R1)	PROPOSED INDOT SIDEWALK ACCESSIBLE RAMP TYPE G
(R2)	PROPOSED INDOT SIDEWALK ACCESSIBLE RAMP TYPE A
(R3)	PROPOSED SIDEWALK ACCESSIBLE RAMP TYPE H
(R4)	PROPOSED SIDEWALK ACCESSIBLE RAMP TYPE K
(R5)	PROPOSED INDOT SIDEWALK ACCESSIBLE RAMP TYPE E
(21)	PROPOSED SOLID WHITE 4 IN. WIDE PAINTED PAVEMENT MARKING
(29)	PROPOSED SOLID WHITE 12 IN. WIDE PAINTED CROSS HATCH PAVEMENT MARKING - SPACED AT 5 FT. O.C. IN LIMITS SHOWN
(20)	PROPOSED SOLID BLUE 4 IN. WIDE PAINTED ADA PARKING MARKING
(36)	PROPOSED SOLID THERMOPLASTIC WHITE 24 IN. WIDE STOP BAR PAVEMENT MARKING
(38)	PROPOSED SOLID WHITE THERMOPLASTIC 24 IN. WIDE CROSSWALK PAVEMENT MARKING - 24 IN. SPACING
(R1-1)	PROPOSED INDOT 30 IN. X 30 IN. ROAD STOP SIGN
(RW)	PROPOSED REINFORCED CONCRETE RETAINING WALL AND RAILING - REFER TO STRUCTURAL DRAWINGS FOR MORE DETAILS
(XX)	PROPOSED NUMBER OF PARKING SPACES PER LOT
(B)	PROPOSED BOLLARD
(S)	PROPOSED CONCRETE STAIRS SPACED 4 FT. O.C. MIN. AS REQUIRED, STEP HEIGHT VARIES, 7 IN. MAXIMUM, REFER TO GRADING PLAN FOR MORE INFORMATION
(SI)	PROPOSED WOOD STAIRS TO 2ND FLOOR AS REQUIRED, RISER HEIGHT VARIES, REFER TO GRADING AND ARCHITECTURAL PLANS FOR MORE INFORMATION
(BP)	PROPOSED BIKE PARKING AREA WITH CONCRETE PAD, REFER TO TYPICAL SIDEWALK CONCRETE DETAIL - REFER ALSO TO LANDSCAPE AND ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AND FOUNDATION INFORMATION
(PB)	PROPOSED CONCRETE PARKING BUMPER BLOCK, 7 FT. LONG

UTILITY LEGEND

— FSL —	PROPOSED DIP FIRE SERVICE LINE
— DSL —	PROPOSED DOMESTIC SERVICE LINE
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
— S.S.L. —	PROPOSED SANITARY SEWER LATERAL AND SANITARY SEWER CLEAN-OUT
— ST —	PROPOSED STORM SEWER INLET AND PIPE
— BD —	PROPOSED SCHEDULE 40 PVC BUILDING DRAIN
— GAS —	PROPOSED GAS SERVICE LINE
— ELEC —	PROPOSED ELECTRIC SERVICE LINE

GRADING LEGEND

— XXX —	PROPOSED GRADE CONTOUR
--- XXX ---	EXISTING GRADE CONTOUR
— FL —	PROPOSED FLOWLINE
	PROPOSED SPOT GRADE ELEVATION
	PROPOSED TOP OF CURB ELEVATION
	PROPOSED PAVEMENT ELEVATION
FC=XXX.XX	FINISH TOP OF CURB ELEVATION
FF=XXX.XX	FINISH FLOOR ELEVATION
FG=XXX.XX	FINISH EARTH GRADE ELEVATION
FGH=XXX.XX	FINISH EARTH GRADE ELEVATION ON HIGH SIDE OF RETAINING WALL
FGL=XXX.XX	FINISH EARTH GRADE ELEVATION ON LOW SIDE OF RETAINING WALL
FP=XXX.XX	FINISH PATIO ELEVATION
FR=XXX.XX	FINISH RAMP ELEVATION
FS=XXX.XX	FINISH STEP ELEVATION
FW=XXX.XX	FINISH WALK ELEVATION
TC=XXX.XX	FINISH TOP OF CASTING
TW=XXX.XX	FINISH TOP OF RETAINING WALL

EROSION CONTROL LEGEND

— SF —	SILTATION FENCE (TEMPORARY)
— CL —	CONSTRUCTION LIMITS
(MS)	MULCH SEEDING - SEE SPECIFICATIONS (TEMPORARY)
(SP)	20' X 50' STONE PAD, 6" DEEP TO KEEP FROM TRACKING MUD OFF SITE (TEMPORARY)
(CD)	CHECK DAM (TEMPORARY)
(CW)	CONCRETE WASHOUT AREA (TEMPORARY)
(ECB)	EROSION CONTROL BLANKET (PERMANENT)
(SBI)	STRAW BALE (TEMPORARY) (TO BE USED ON ALL YARD INLETS)

GENERAL NOTES

- 1. BOUNDARY AND TOPO BY BYNUM FANYO AND ASSOCIATES, 528 NORTH WALNUT STREET, BLOOMINGTON, INDIANA 47404. PHONE (812) 332-8030
- 2. DEVELOPER: CITY OF BLOOMINGTON
- 3. PROJECT ADDRESS: MAXWELL LANE FROM SHORT STREET TO MILLER DRIVE
- 4. ALL WORK IS TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
- 5. ALL PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- 6. HYDRANT LOCATION SHALL BE APPROVED BY THE LOCAL FIRE MARSHALL.
- 7. EXISTING UTILITIES ON SITE SHALL BE RELOCATED AS REQUIRED. CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH RELOCATION.
- 8. SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.

PARKING AND PAVEMENT NOTES

- 1. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC DEVICES, 1988 EDITION AS AMENDED.
- 2. ALL PAVEMENT MARKINGS SHALL BE PAINTED WHITE ON ASPHALT PAVEMENT / YELLOW ON CONCRETE PAVEMENT AND SHALL BE FOUR (4) INCHES WIDE UNLESS INDICATED OTHERWISE.
- 3. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS INDICATED OTHERWISE. ALL CURB RADIUS ARE TO BE 5' UNLESS INDICATED OTHERWISE.
- 4. CONTRACTOR SHALL FURNISH AND INSTALL PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
- 5. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES WITH OTHER CONTRACTORS ON THE SITE.
- 6. JOINTS OR SCORE MARKS ARE TO BE SHARP AND CLEAN WITHOUT SHOWING EDGES OF JOINTING TOOLS.
- 7. CONTRACTOR SHALL SAW-CUT TIE-INS AT EXISTING CURBS AS NECESSARY TO INSURE SMOOTH TRANSITIONS. CONTRACTOR SHALL SAW-CUT AND TRANSITION TO MEET EXISTING PAVEMENT AS NECESSARY AND AS DIRECTED BY INSPECTOR TO INSURE POSITIVE DRAINAGE. (TYPICAL AT ALL INTERSECTIONS).
- 8. CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY A.G.C. OF AMERICA, INC. AND THE HEALTH AND SAFETY REGULATIONS FOR CONSTRUCTION ISSUED BY THE U.S. DEPARTMENT OF LABOR.

GRADING NOTES

- 1. NEW FINISHED CONTOURS SHOWN ARE TOP OF FUTURE PAVING IN AREAS TO RECEIVE PAVEMENT AND TOP OF TOPSOIL IN AREAS TO BE SEEDER OR PLANTED.
- 2. AREAS OUTSIDE OF THE PARKING LOT PERIMETERS SHOWN TO BE SEEDER OR PLANTED SHALL RECEIVE 6" OF TOPSOIL. THIS TOPSOIL IS TO BE PLACED AND LEVELED BY THE CONTRACTOR.
- 3. CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING, OR CONNECTING TO SAID FACILITIES. CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION WITH ALTERATION OF OR RELOCATION OF THE FACILITY.
- 4. ALL AREAS NOT COVERED BY BUILDING OR PAVING ARE TO BE VEGETATED (SEEDER OR PER LANDSCAPE PLAN).
- 5. UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF SITE BY CONTRACTOR.
- 6. ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.
- 7. BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK THE ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. THE LACK OF PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRADES HAVE BEEN PLACED TO THE OWNER'S SATISFACTION.
- 8. CONTRACTOR SHALL COMPACT AND MAINTAIN A 30,000 SQ. FT. STONEBASE CONSTRUCTION LAYDOWN AREA W/ STONE ACCESS FROM THE CONSTRUCTION ENTRANCE AND STONE ACCESS TO THE BUILDING PAD.
- 9. THESE DOCUMENTS ARE SCHEMATIC IN NATURE AND CANNOT SHOW EVERY ITEM NEEDED FOR A COMPLETE OPERATIONAL STORM SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE OPERATING STORM SYSTEM.
- 10. ALL FILL SHALL BE FREE OF VEGETABLE MATTER, RUBBISH, LARGE ROCK, AND OTHER DELETERIOUS MATERIAL. THE FILL MATERIAL SHOULD BE PLACED IN LAYERS NOT TO EXCEED SIX (6) INCHES IN LOOSE THICKNESS AND SHOULD BE SPRINKLED WITH WATER AS REQUIRED TO SECURE SPECIFIED COMPACTION. EACH LAYER SHOULD BE UNIFORMLY COMPACTED BY MEANS OF SUITABLE EQUIPMENT AS DICTATED BY THE TYPE OF FILL MATERIAL. UNDER NO CIRCUMSTANCES SHOULD A BULLDOZER OR SIMILARLY TRACKED VEHICLE BE USED AS COMPACTING EQUIPMENT. MATERIAL CONTAINING AN EXCESS OF WATER SHOULD BE SPREAD AND DRIED TO A MOISTURE CONTENT THAT WILL PERMIT PROPER COMPACTION. ALL FILL SHOULD BE COMPACTED TO THE SPECIFIED PERCENTAGE OF THE MAXIMUM DENSITY OBTAINED IN ACCORDANCE WITH ASTM DENSITY TEST D-698 (95 PERCENT OF MAXIMUM DRY DENSITY). IF THE SPECIFIED COMPACTION LIMITS ARE NOT MET, SUCH AREAS SHOULD BE REWORKED AND RETESTED AS REQUIRED UNTIL THE SPECIFIED LIMITS ARE REACHED.

LANDSCAPE NOTES

- 1. ALL PLANT MATERIAL SHALL ARRIVE ONSITE IN A HEALTHY, VIGOROUS CONDITION AND BE FREE OF PESTS AND DISEASE.
- 2. ALL PLANTS SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST.
- 3. ALL TREES SHALL BE STRAIGHT-TRUNKED, FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
- 4. ALL TREES SHALL BE GUYED OR STAKED PLUMB AS SHOWN IN THE DETAILS.
- 5. ALL PLANTING MASS BEDS SHALL BE SPADE CUT UNLESS SPECIFIED WITH A MOW STRIP OR OTHER INSTALL EDGING. TREES TO HAVE A 5' DIAMETER MULCH RING.
- 6. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED WHERE SPECIFIED.
- 7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION. PLANTING LOCATIONS MAY REQUIRE ADJUSTMENTS IN FIELD TO AVOID OVERHEAD AND UNDERGROUND UTILITIES.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND SPECIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING AND LAWN AREAS INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, PRUNING, FERTILIZING, ETC., UNTIL WORK IS ACCEPTED IN FULL BY THE OWNER.
- 10. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD.
- 11. THE OWNER SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.
- 12. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST OR DRIP IRRIGATION SYSTEM PRIOR TO INSTALLATION. WATER ALL SPECIMENS WITHIN 24 HOURS OF PLANTING.
- 13. ANY NEW OR TRANSPLANTED PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES PRIOR TO TOTAL ACCEPTANCE OF THE WORK SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY AND SIZE TO MEET ALL PLANT LIST SPECIFICATIONS.
- 14. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- 15. ALL SHRUB, GROUNDCOVER, ANNUAL AND HERBACEOUS PERENNIAL PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH HARDWOOD MULCH TO A MINIMUM DEPTH OF FOUR INCHES.
- 16. DURING THE GROWING SEASON ALL ANNUALS AND HERBACEOUS PERENNIALS SHALL REMAIN IN A HEALTHY CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
- 17. ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN ON PLANS.
- 19. ALL DISTURBED AREAS NOT INCLUDED IN LANDSCAPE MULCH BEDS ARE TO BE DEBRIS-RAKED AND FINED-GRADED AS NEEDED, THEN MULCH SEEDER (OR SODDED, PER PLAN) AND WATERED UNTIL A HEALTHY STAND OF TURF IS ESTABLISHED.
- 20. ANY PLANT OR OTHER LANDSCAPE MATERIAL SUBSTITUTIONS INSTALLED WITHOUT DESIGNER AND/OR OWNER APPROVAL SHALL BE REPLACED AT CONTRACTOR'S EXPENSE. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE OWNER BEFORE, DURING AND AFTER INSTALLATION.

NOTE: ONLY NOTES ON THIS SHEET MARKED WITH AN APPLY TO THIS PROJECT.

NOTE TO CONTRACTOR

CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

BYNUM FANYO & ASSOCIATES, INC.

528 north walnut street
(812) 332-8030

bloomington, indiana
(812) 339-2990 (Fax)

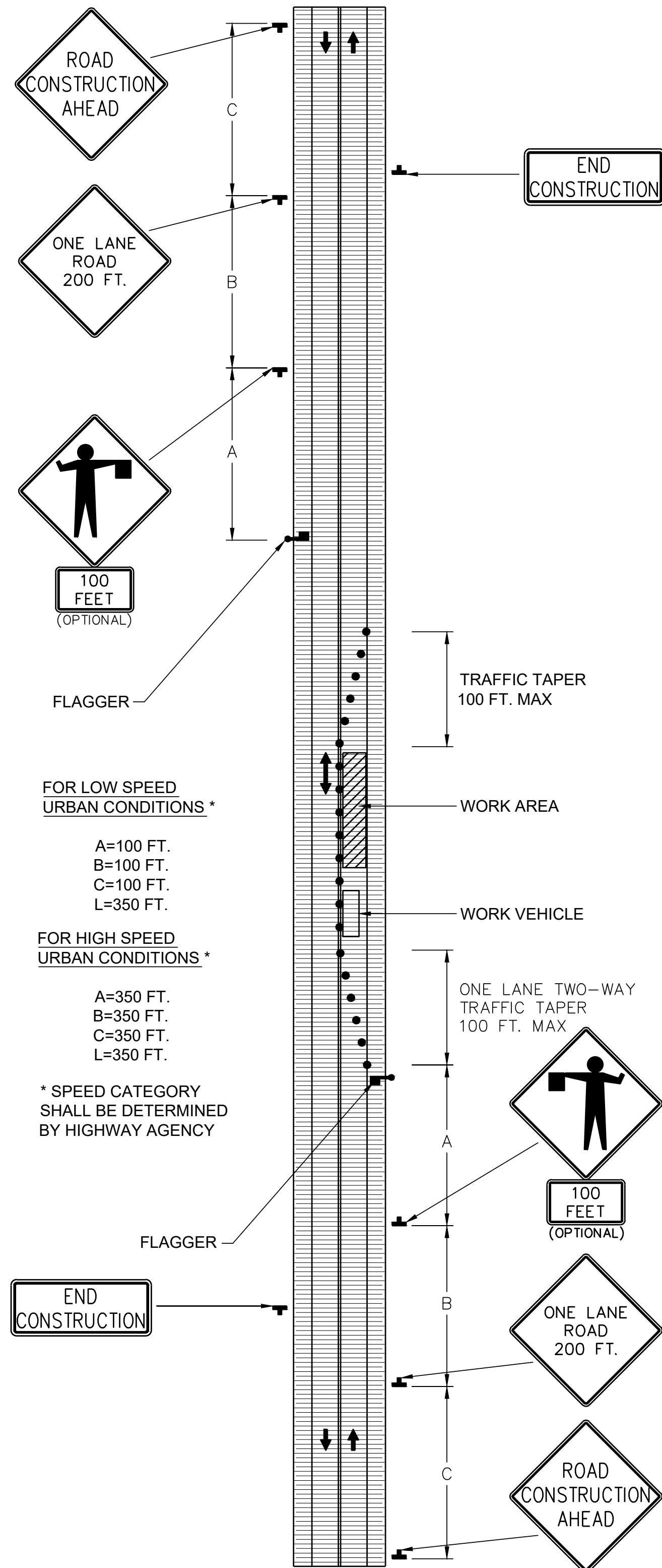
JEFFREY S. FANYO
No. 60018283
STATE OF INDIANA
PROFESSIONAL ENGINEER
09-14-20

certified by *[Signature]*

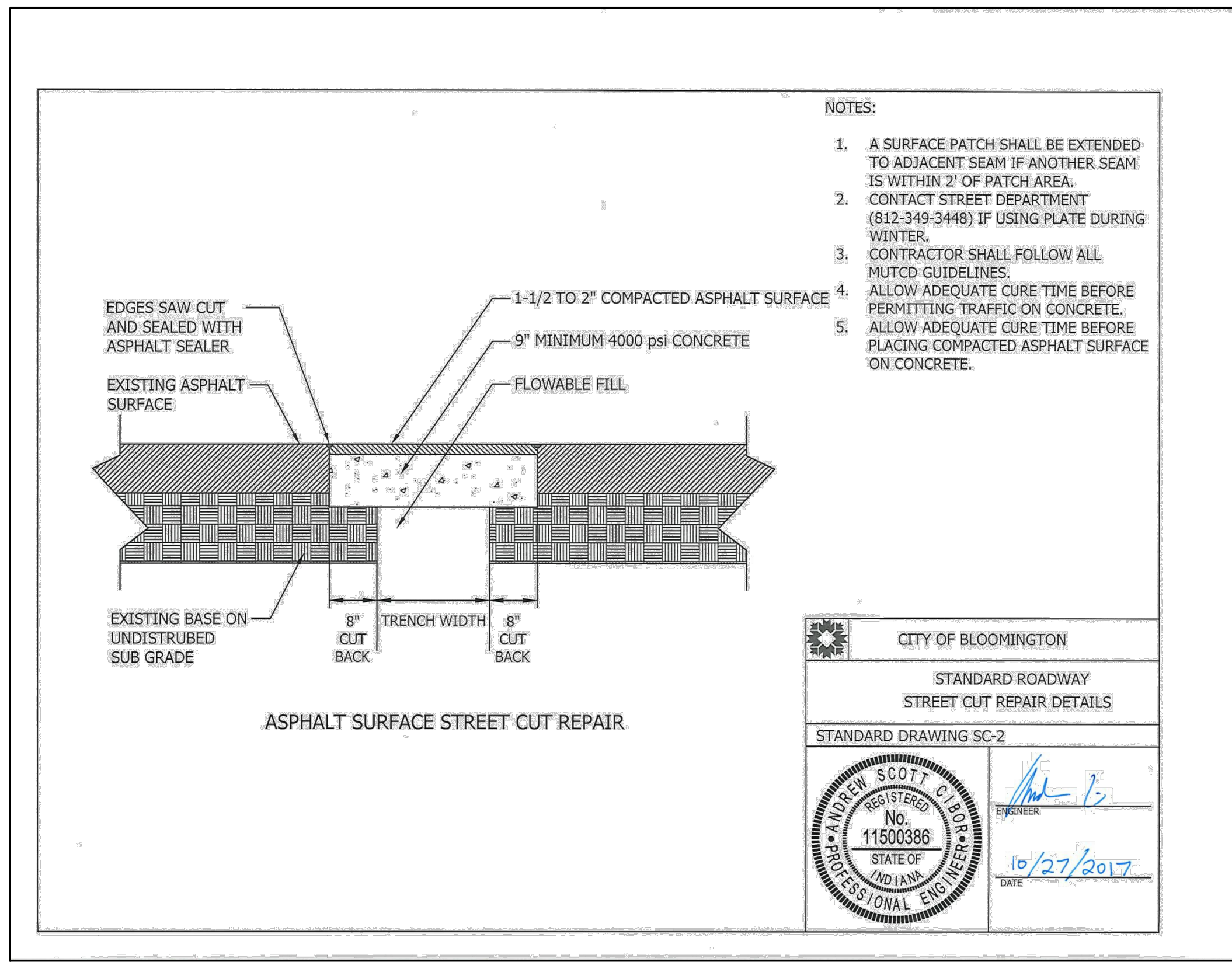
PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
BLOOMINGTON, INDIANA

title: GENERAL NOTES & LEGENDS

designed by: RLC
drawn by: RLC
checked by: JSF
sheet no: C101
project no.: 401852



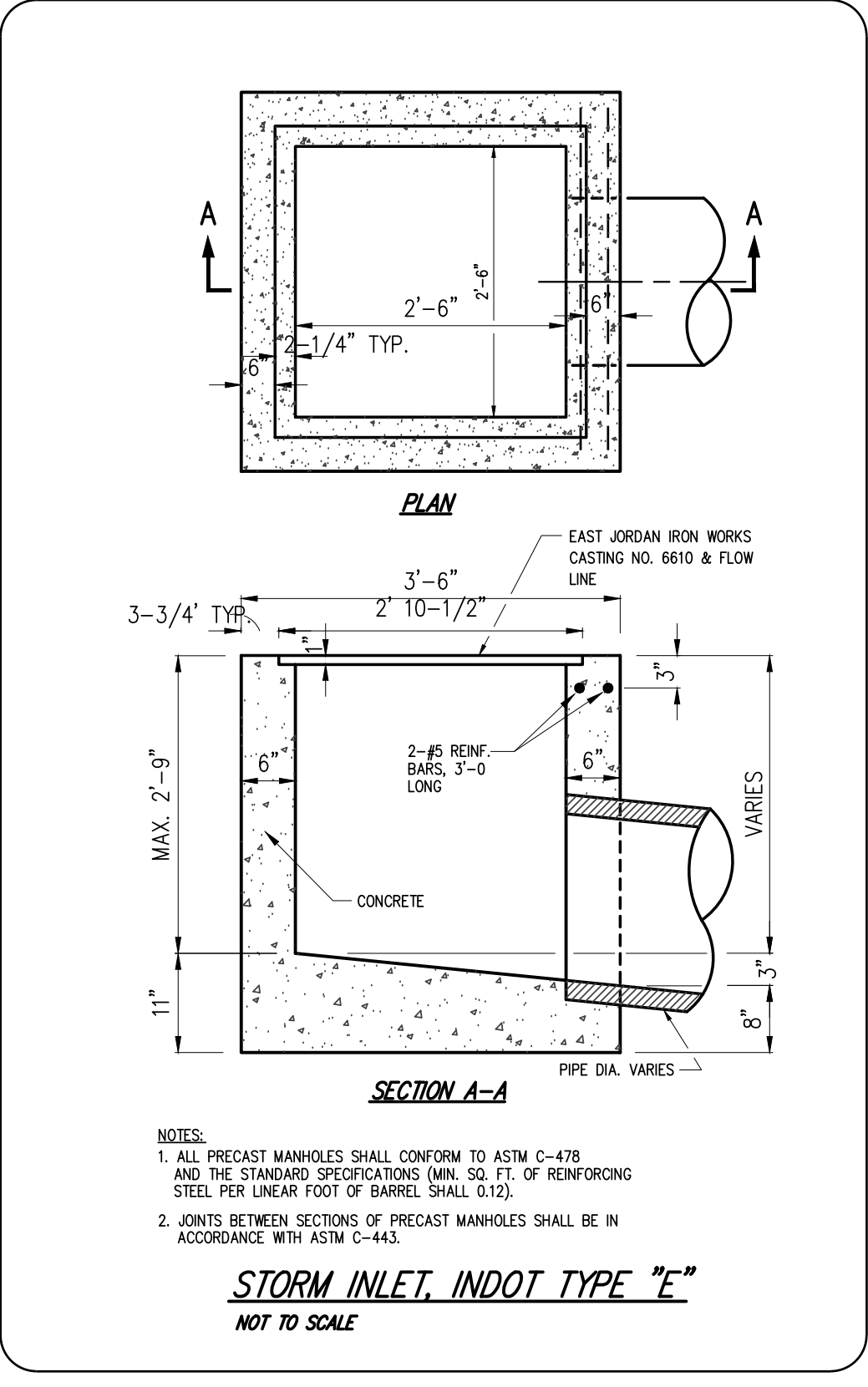
DETAIL - TRAFFIC CONTROL PLAN (AT TWO LANE ROAD)
NOT TO SCALE



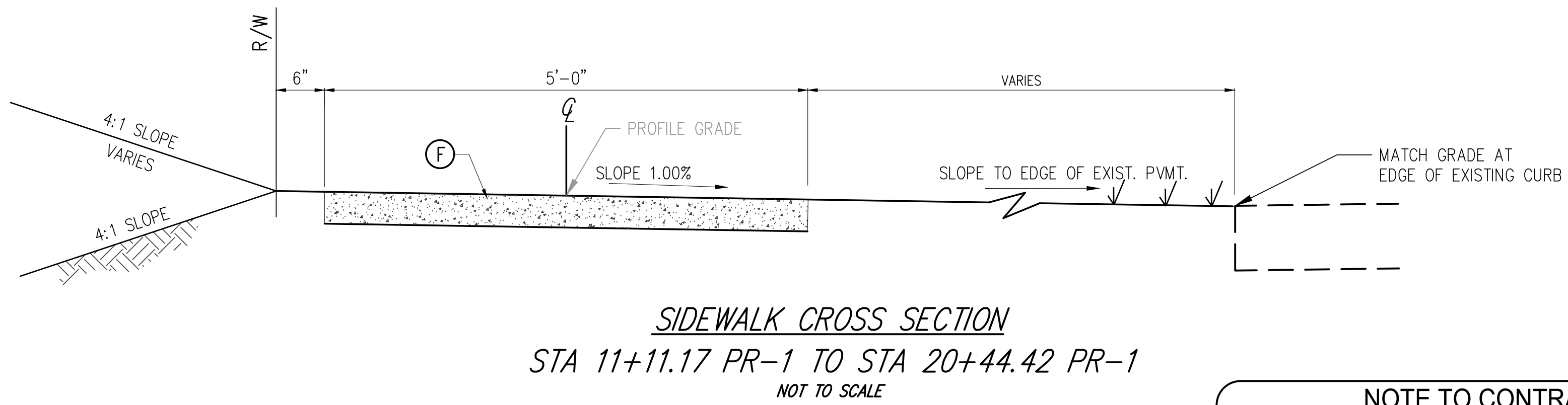
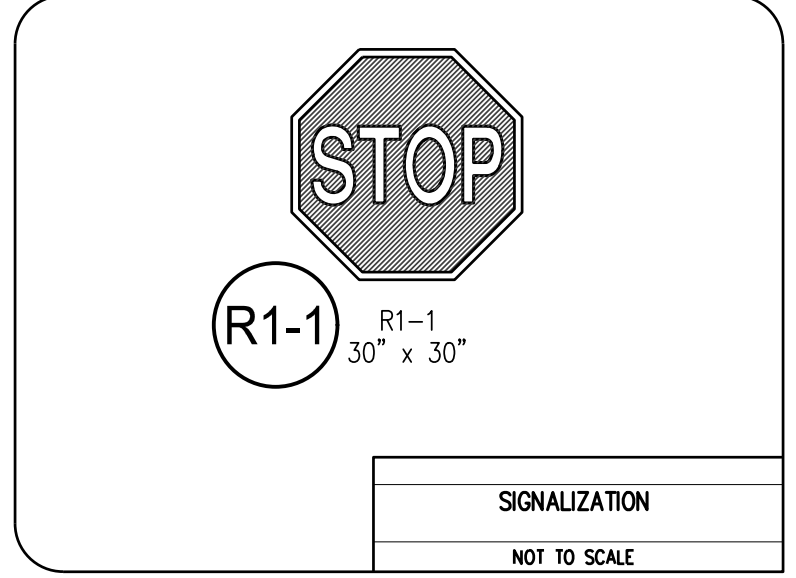
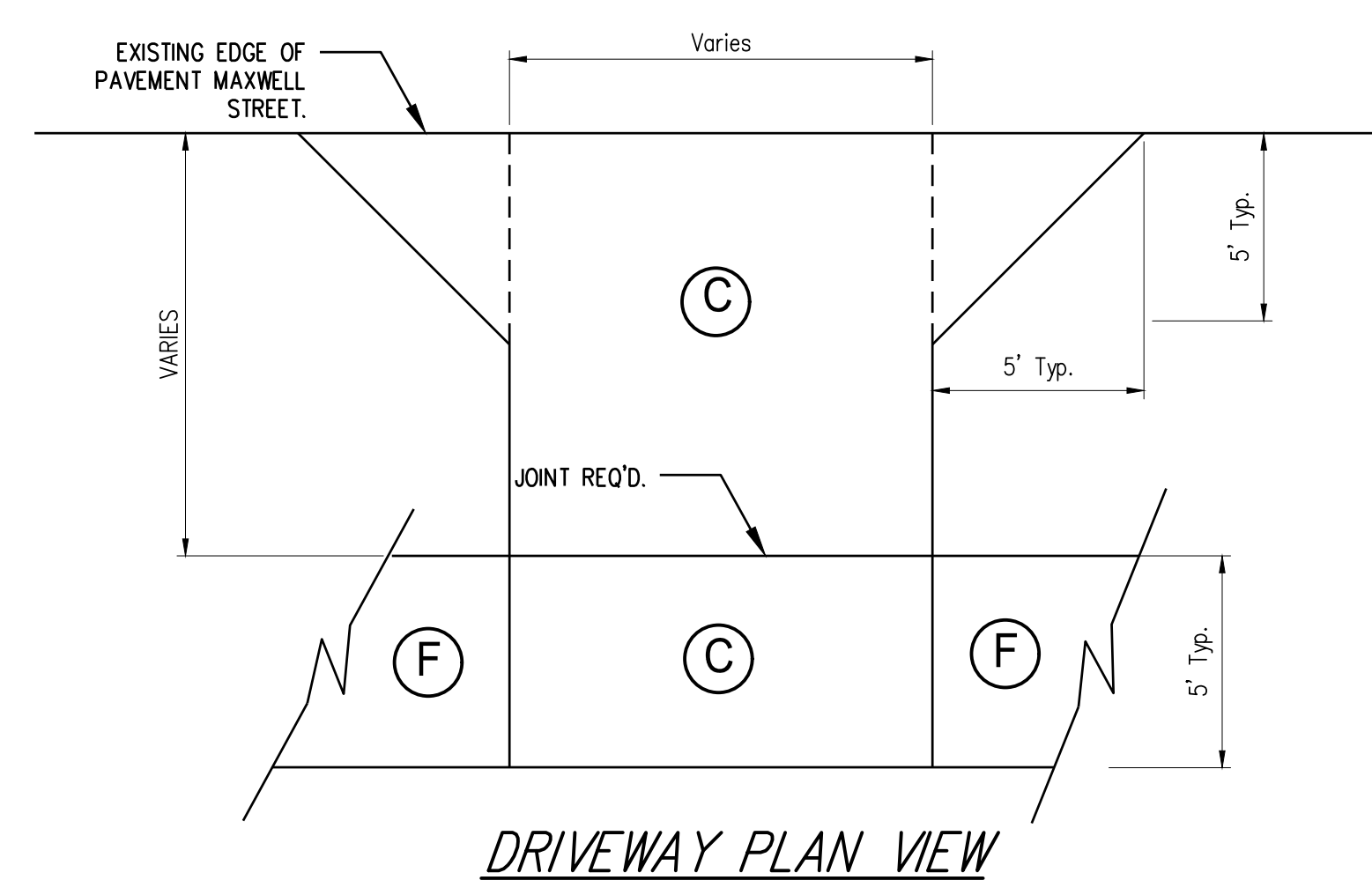
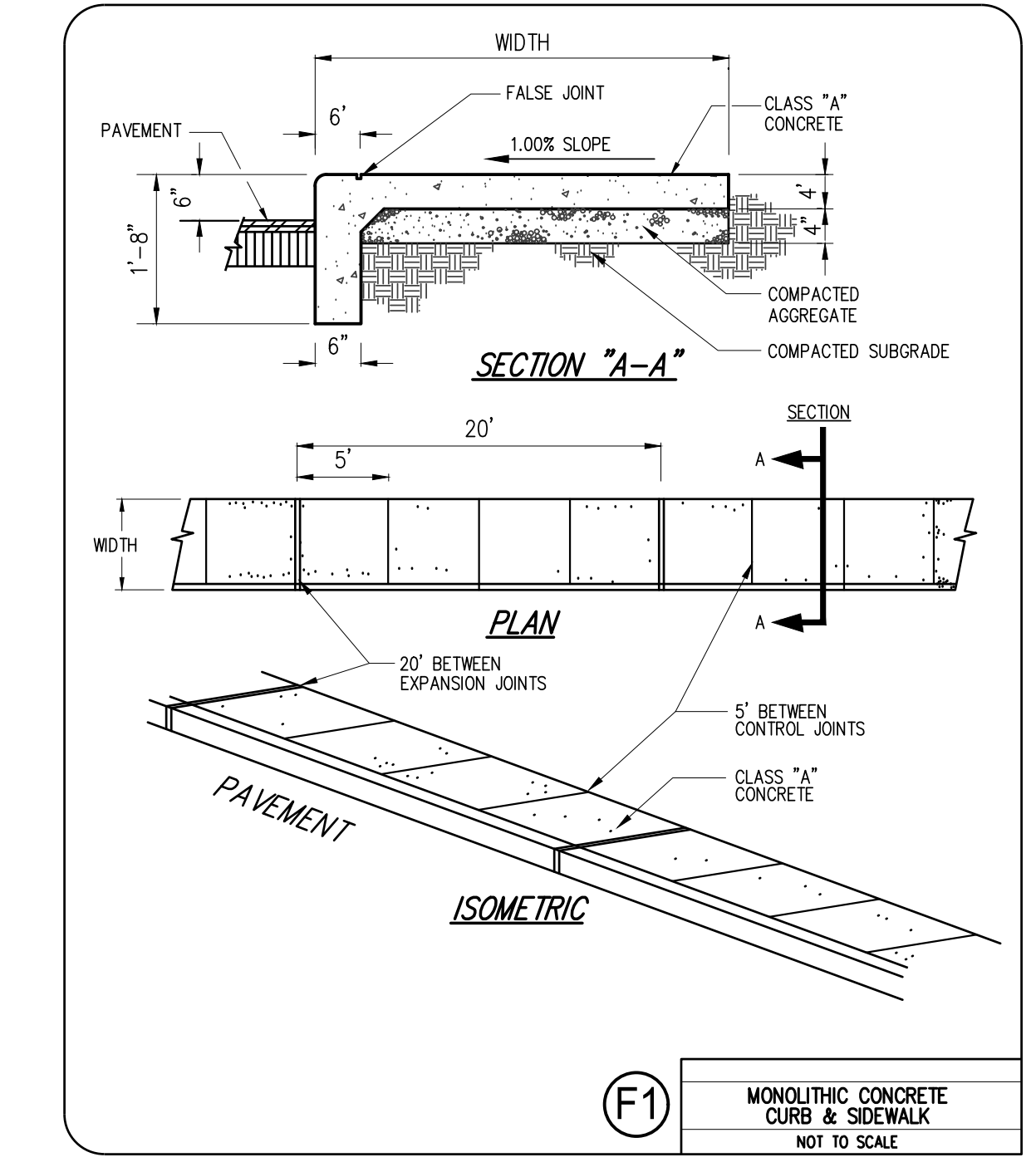
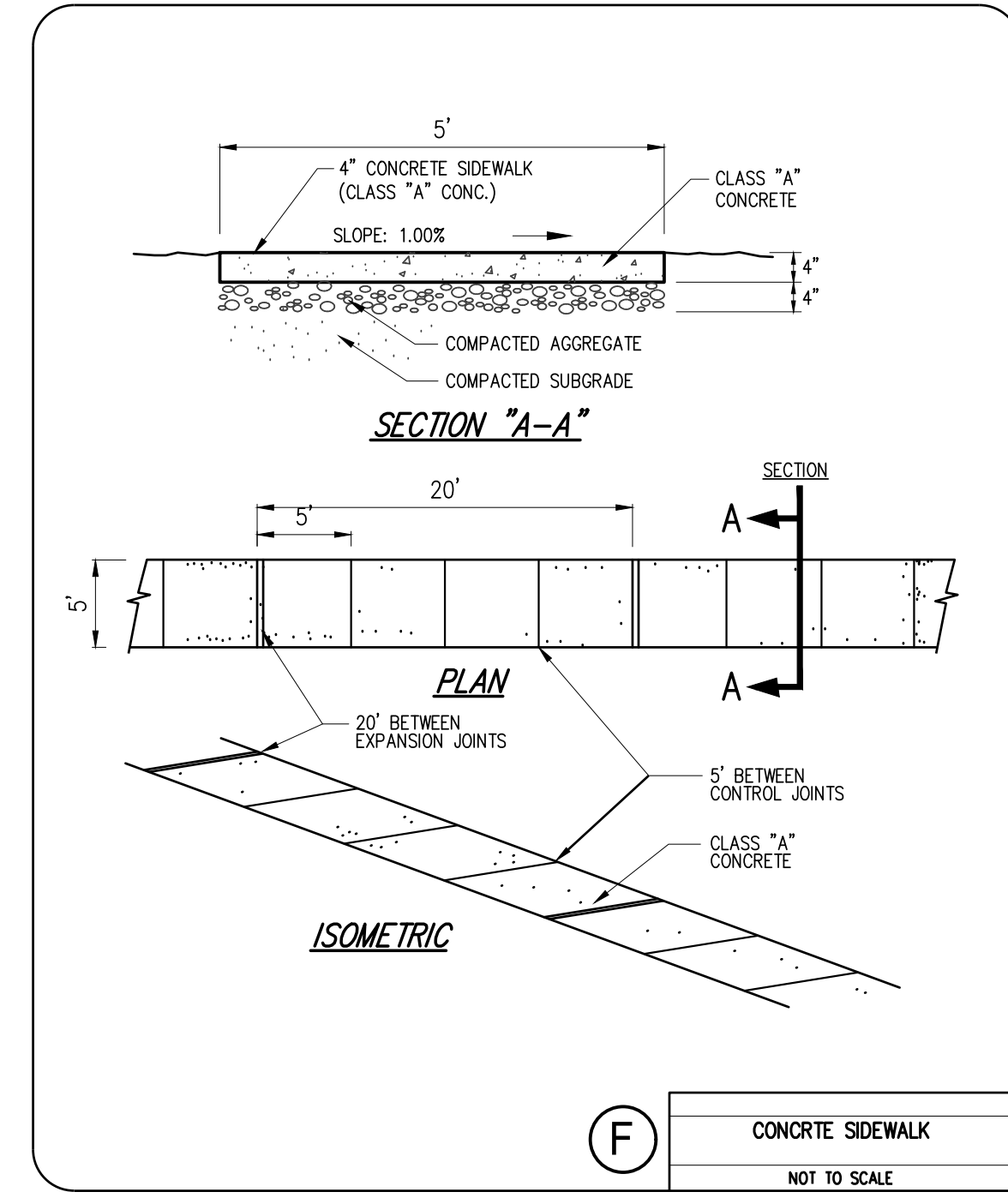
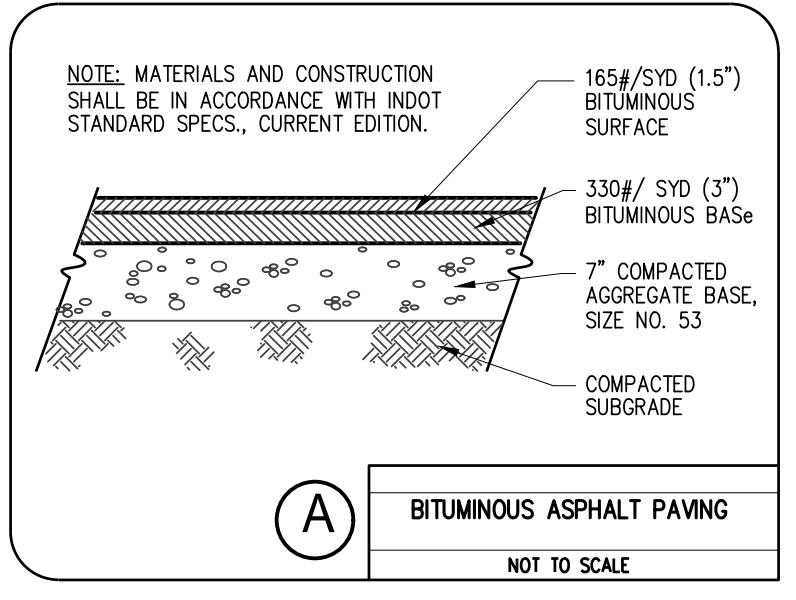
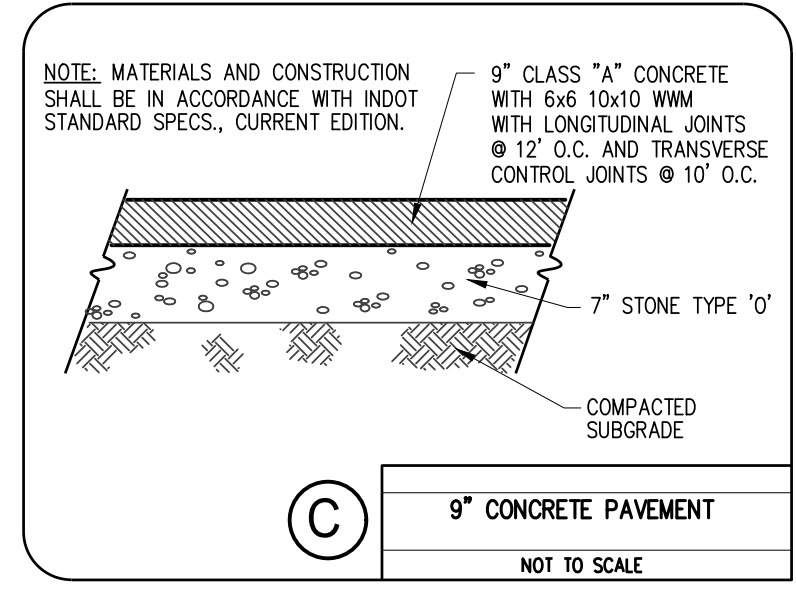
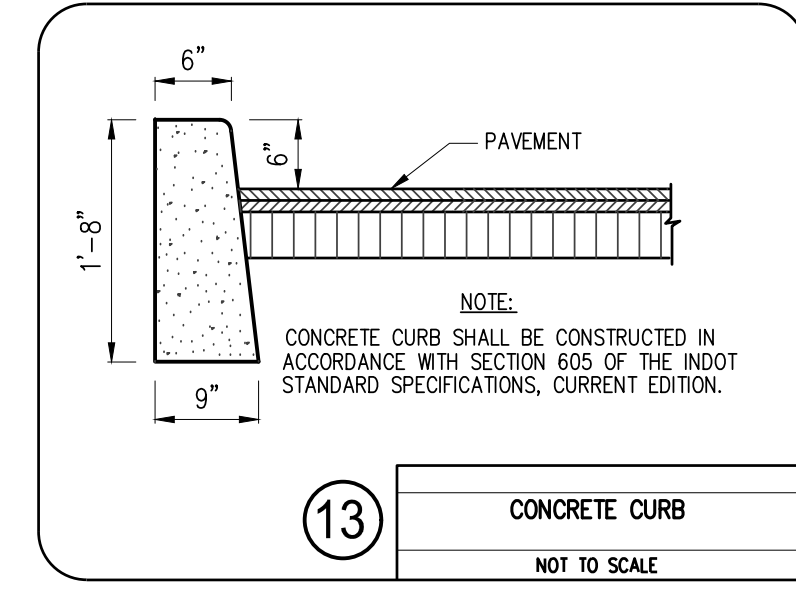
- NOTES:
1. A SURFACE PATCH SHALL BE EXTENDED TO ADJACENT SEAM IF ANOTHER SEAM IS WITHIN 2' OF PATCH AREA.
 2. CONTACT STREET DEPARTMENT (812-349-3448) IF USING PLATE DURING WINTER.
 3. CONTRACTOR SHALL FOLLOW ALL MUTCD GUIDELINES.
 4. ALLOW ADEQUATE CURE TIME BEFORE PERMITTING TRAFFIC ON CONCRETE.
 5. ALLOW ADEQUATE CURE TIME BEFORE PLACING COMPACTED ASPHALT SURFACE ON CONCRETE.

CITY OF BLOOMINGTON
STANDARD ROADWAY
STREET CUT REPAIR DETAILS
STANDARD DRAWING SC-2

REGISTERED PROFESSIONAL ENGINEER
ANDREW SCOTT CLARK
No. 11500388
STATE OF INDIANA
DATE 10/27/2017



- NOTES:
1. ALL PRECAST MANHOLES SHALL CONFORM TO ASTM C-478 AND THE STANDARD SPECIFICATIONS (MIN. SQ. FT. OF REINFORCING STEEL PER LINEAR FOOT OF BARREL SHALL BE 0.12).
 2. JOINTS BETWEEN SECTIONS OF PRECAST MANHOLES SHALL BE IN ACCORDANCE WITH ASTM C-443.
- STORM INLET, INDOT TYPE "E"**
NOT TO SCALE



SIDEWALK CROSS SECTION
STA 11+11.17 PR-1 TO STA 20+44.42 PR-1
NOT TO SCALE

NOTE TO CONTRACTOR
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revisions:

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
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bloomington, indiana
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JEFFREY S. FANYO
No. 60018283
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER
09-14-20

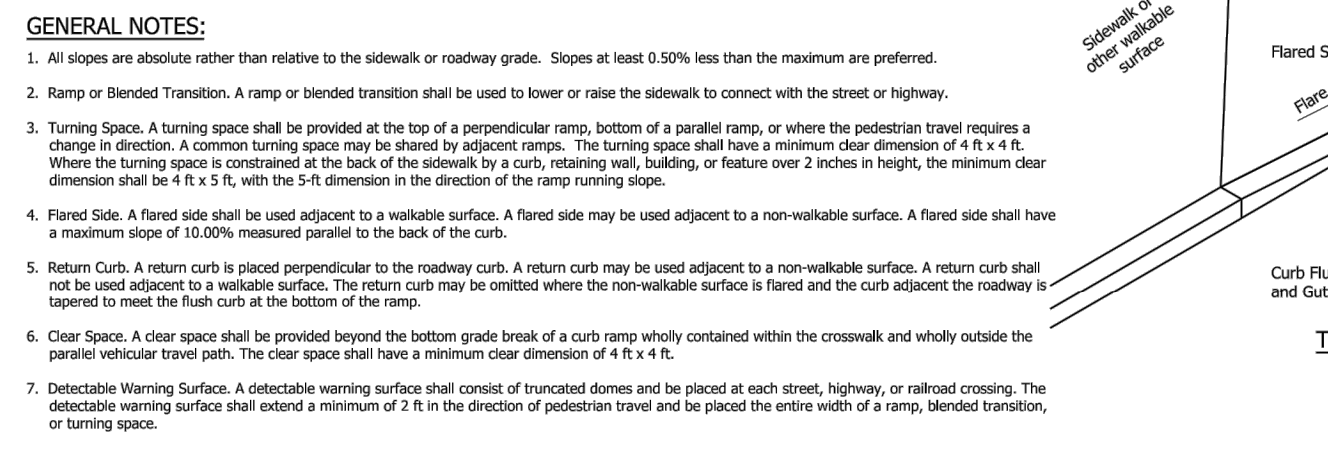
certified by *[Signature]*

PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
BLOOMINGTON, INDIANA

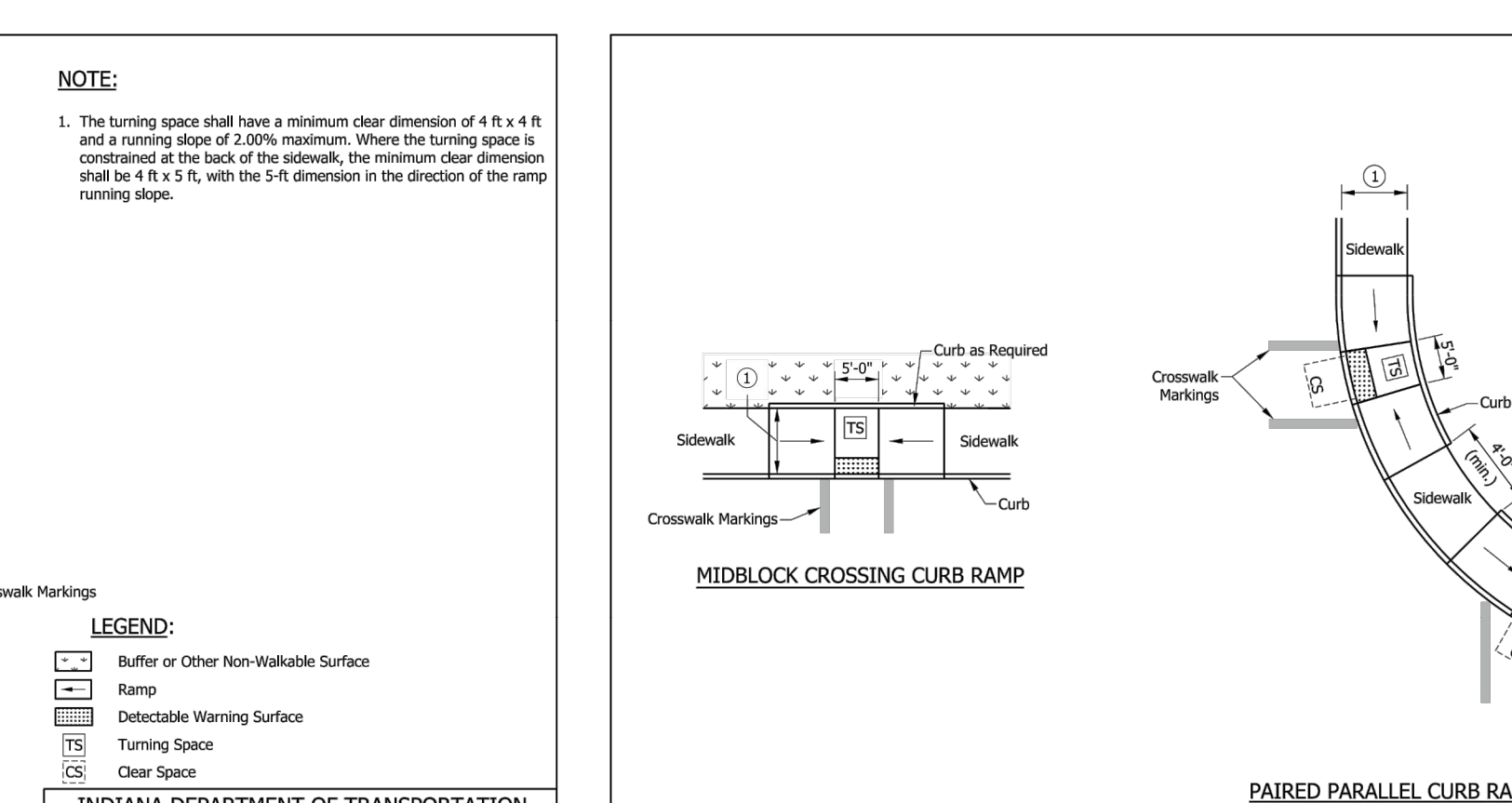
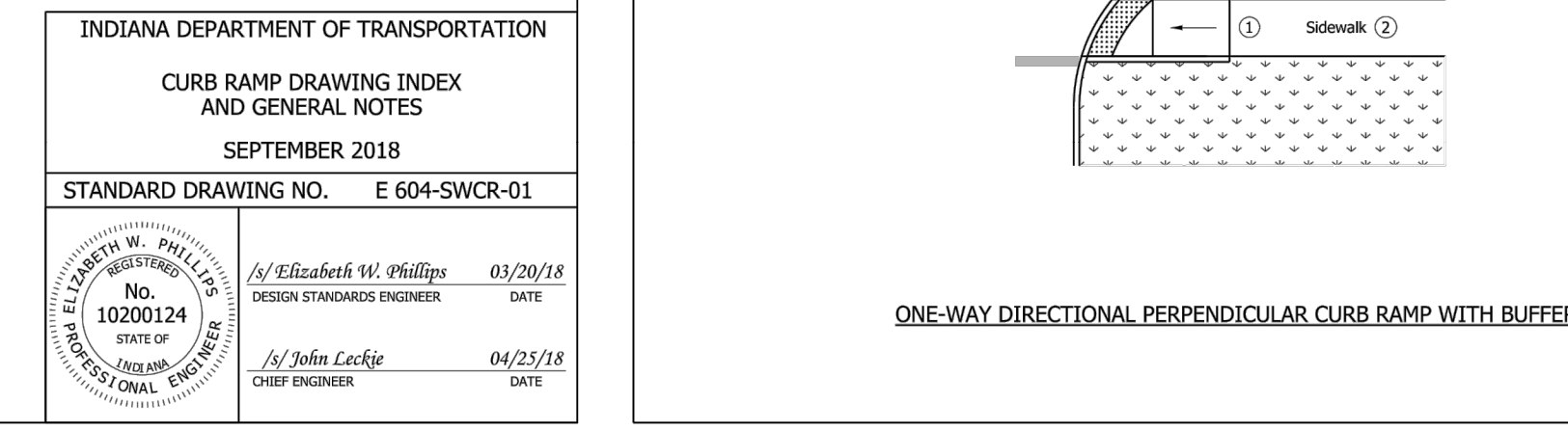
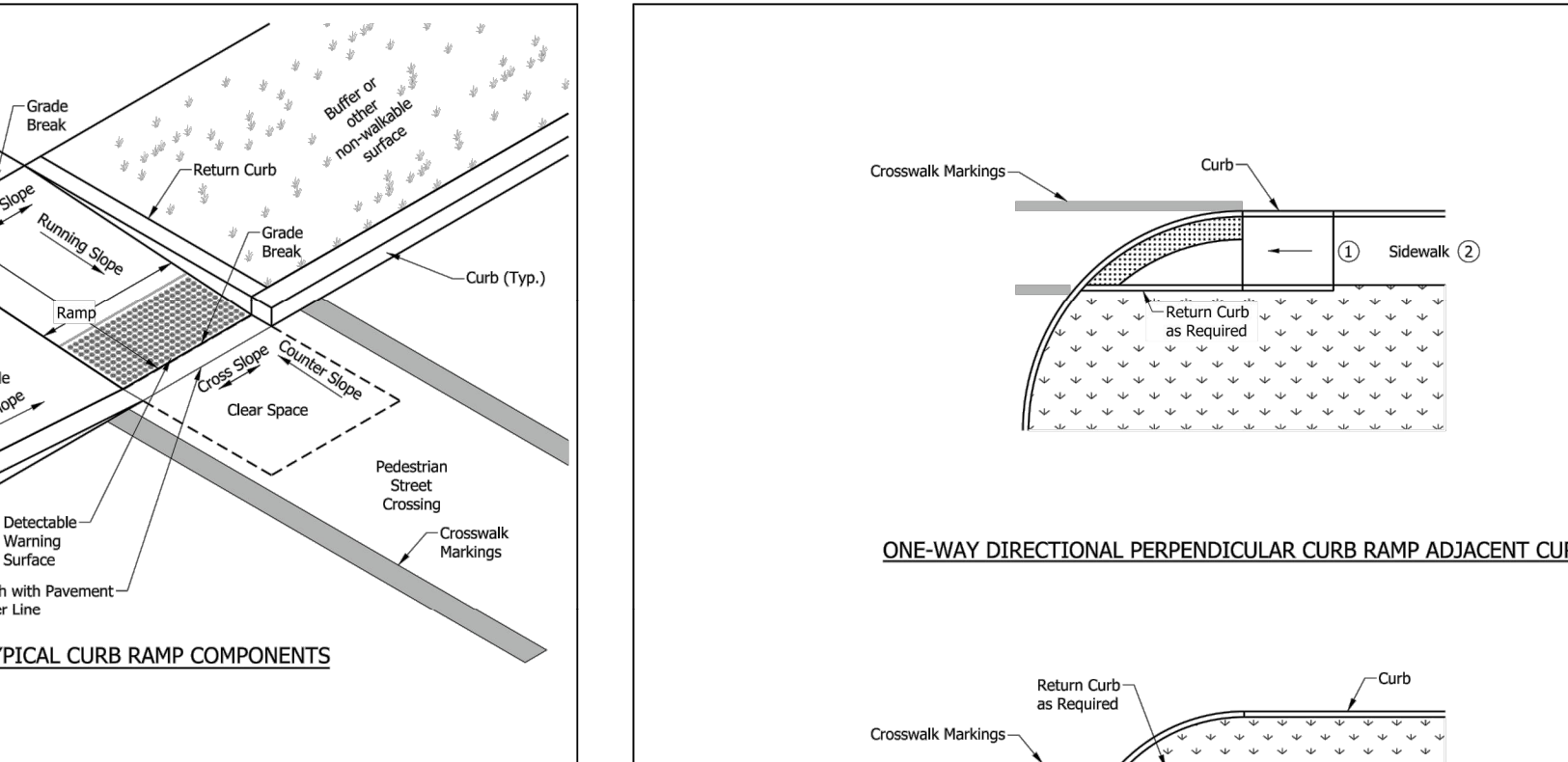
title: MISCELLANEOUS
DETAILS

designed by: RLC
drawn by: RLC
checked by: JSF
sheet no: C201
project no.: 401852

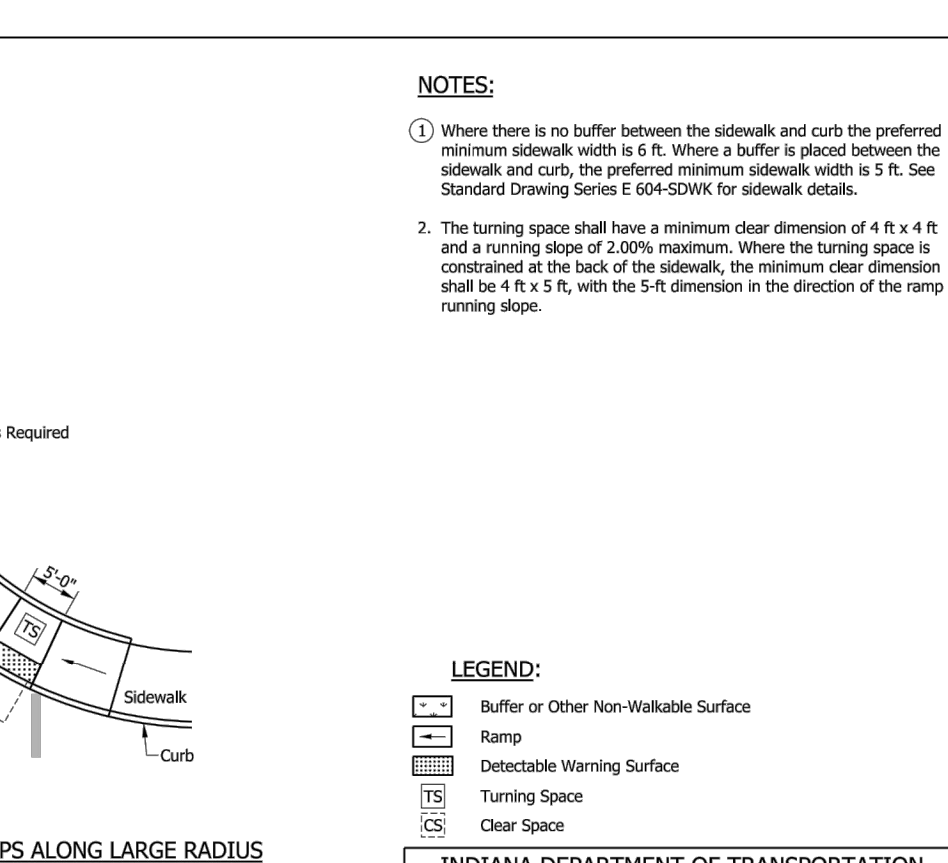
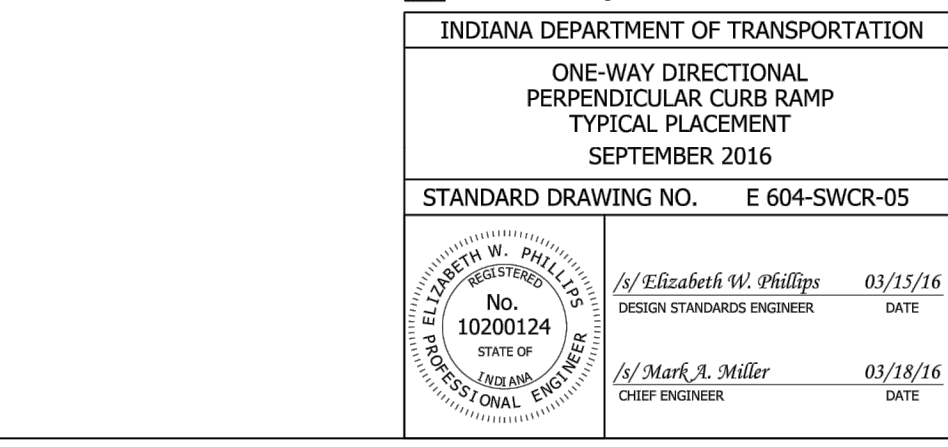
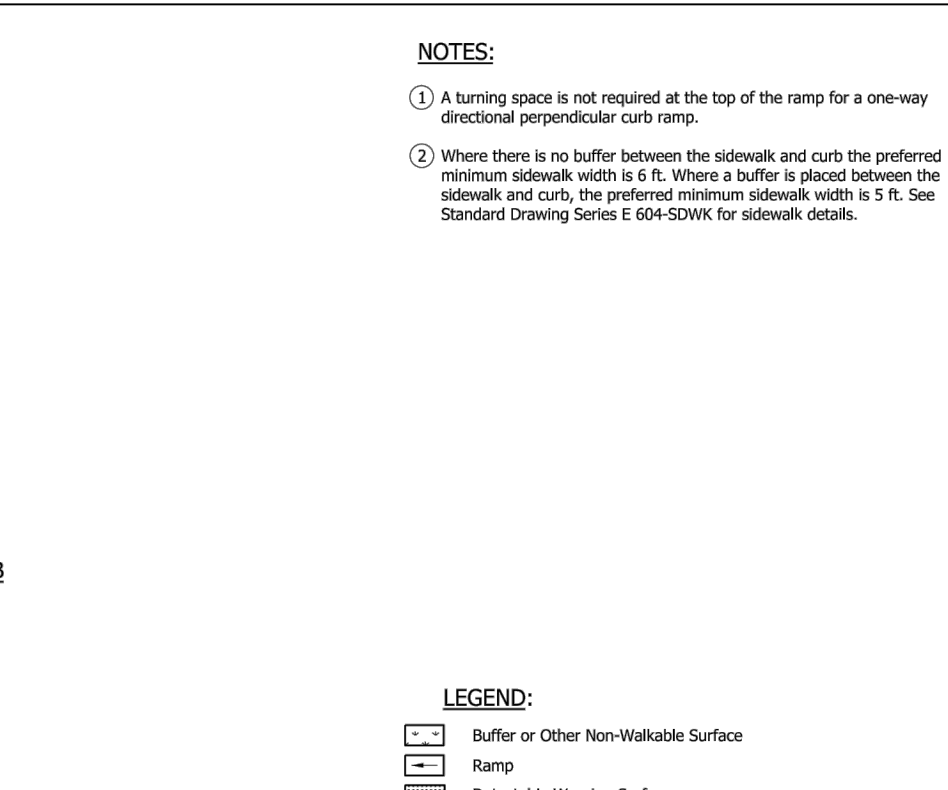
SHEET NO.	INDEX	SUBJECT
1	1	Curb Ramp Drawing Index and General Notes
2-3	2-3	Perpendicular Curb Ramps Typical Placement
4	4	Perpendicular Curb Ramp Component Details
5	5	One-Way Directional Perpendicular Curb Ramps Typical Placement
6	6	One-Way Directional Perpendicular Curb Ramps Component Details
7	7	Parallel Curb Ramps Typical Placement
8	8	Parallel Curb Ramps Component Details
9	9	Blended Transition Curb Ramp, Depressed Curb Ramp and Diagonal Curb Ramp Typical Placement
10	10	Blended Transition Curb Ramps Component Details
11	11	Median Cut Through and Median Perpendicular Curb Ramp Typical Placement
12-13	12-13	Detachable Warning Surface Placement and Configuration
14	14	Detachable Warning Surface Details



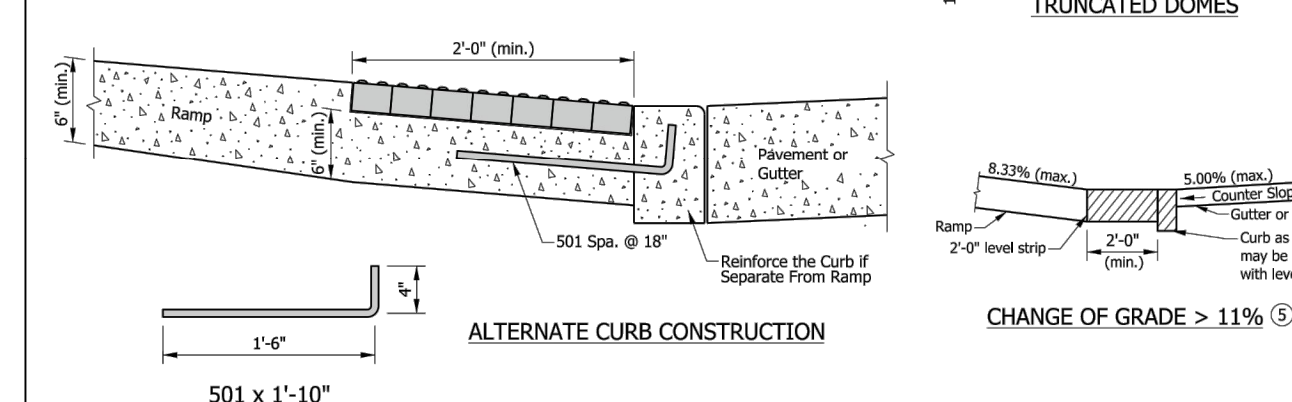
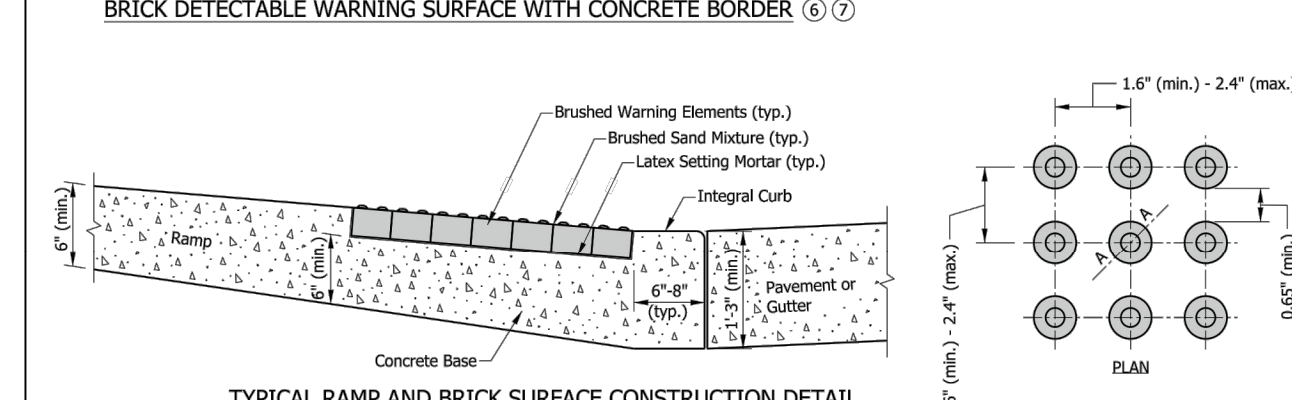
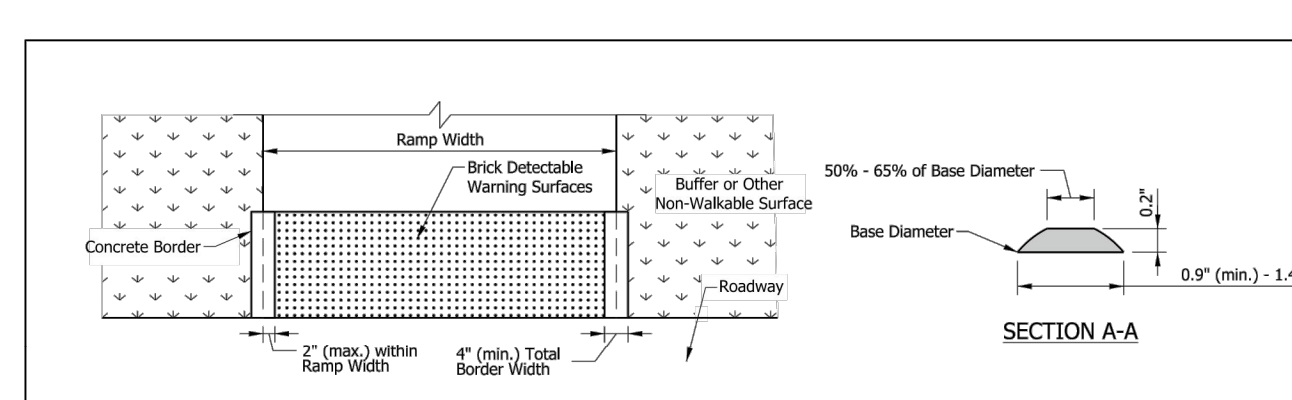
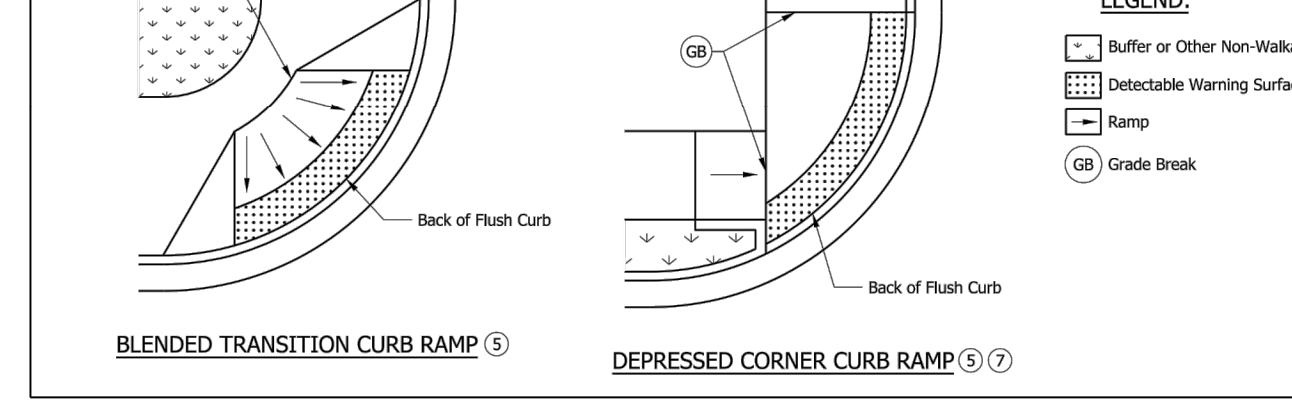
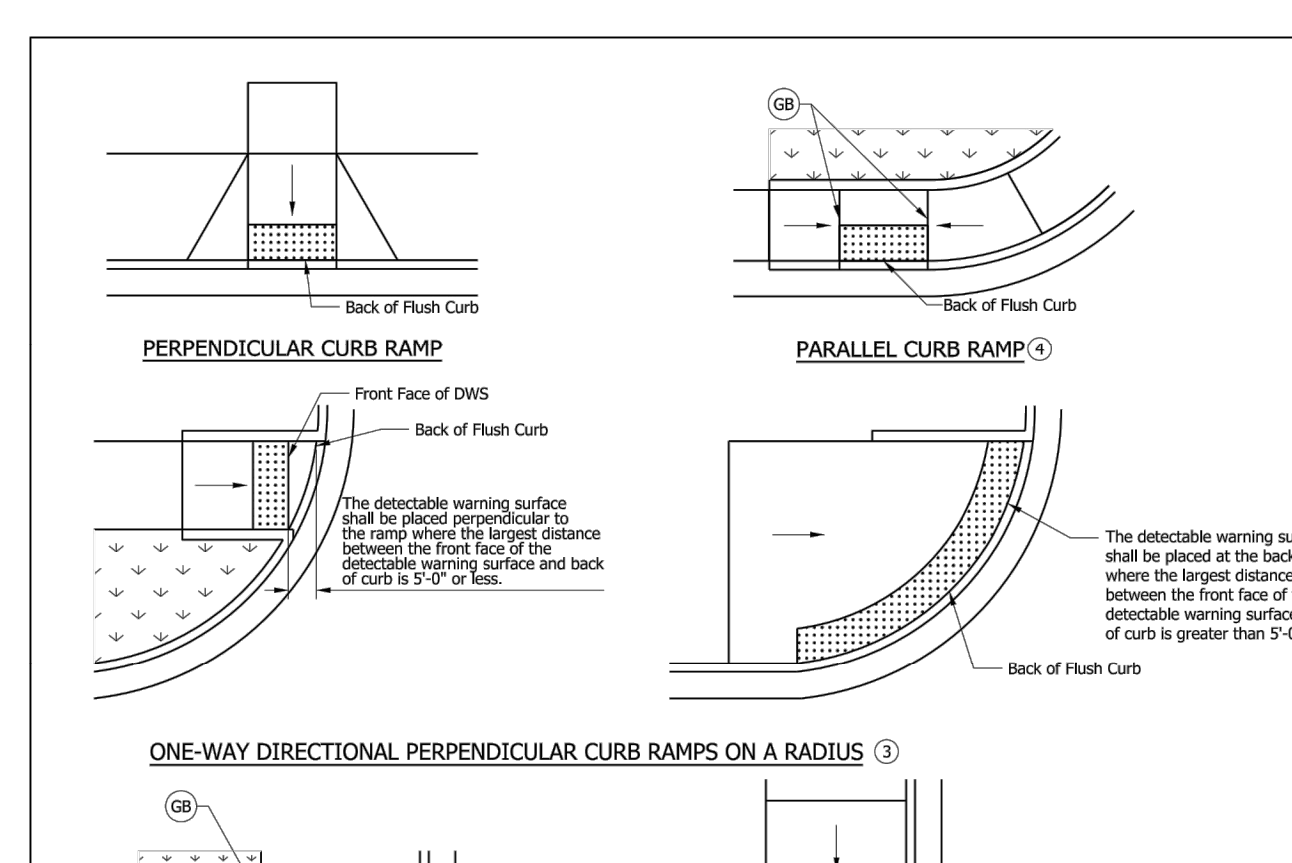
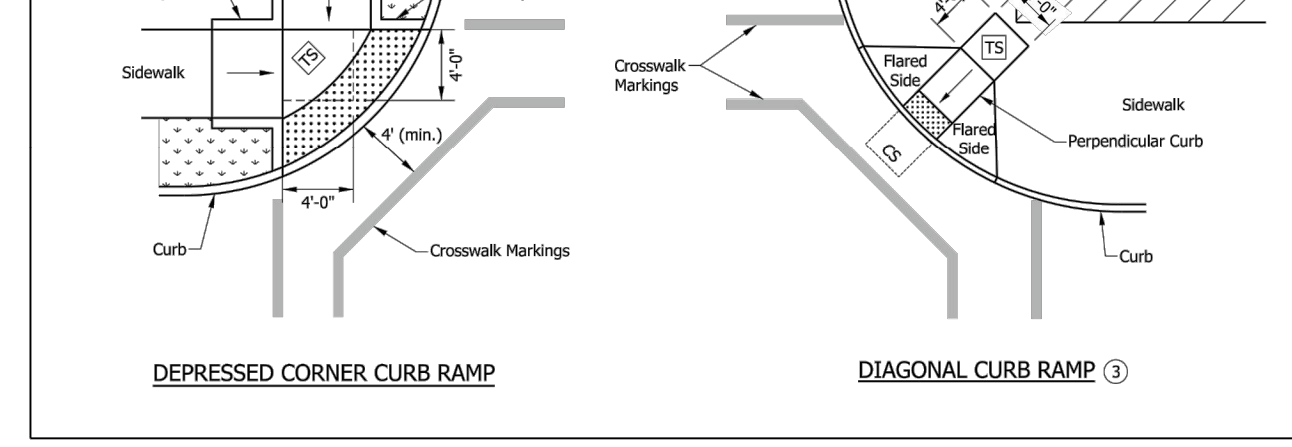
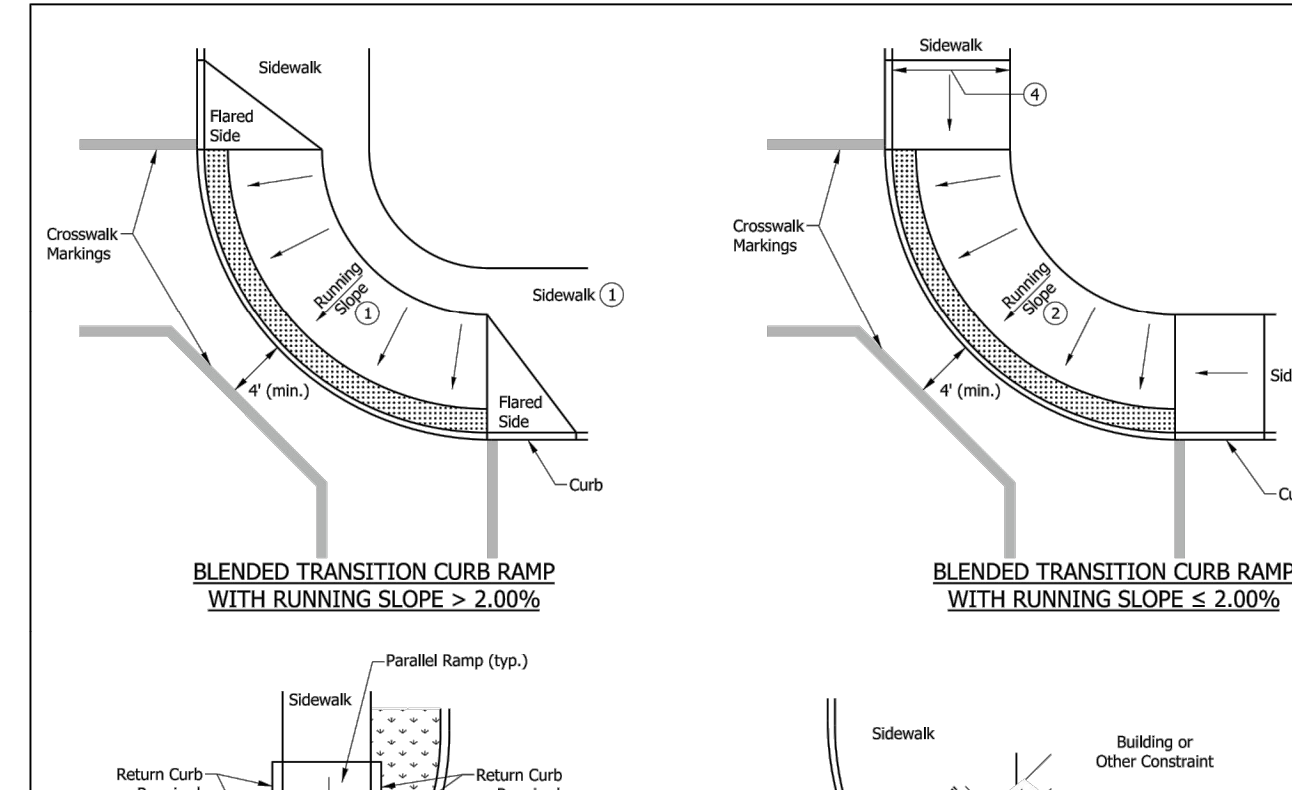
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STANDARD DRAWING NO. E 604-SWCR-01		
	<i>E/Elizabeth W. Phillips</i>	03/20/18
	DESIGN STANDARDS ENGINEER	DATE
	<i>J/John Leckie</i>	04/25/18
	CHIEF ENGINEER	DATE



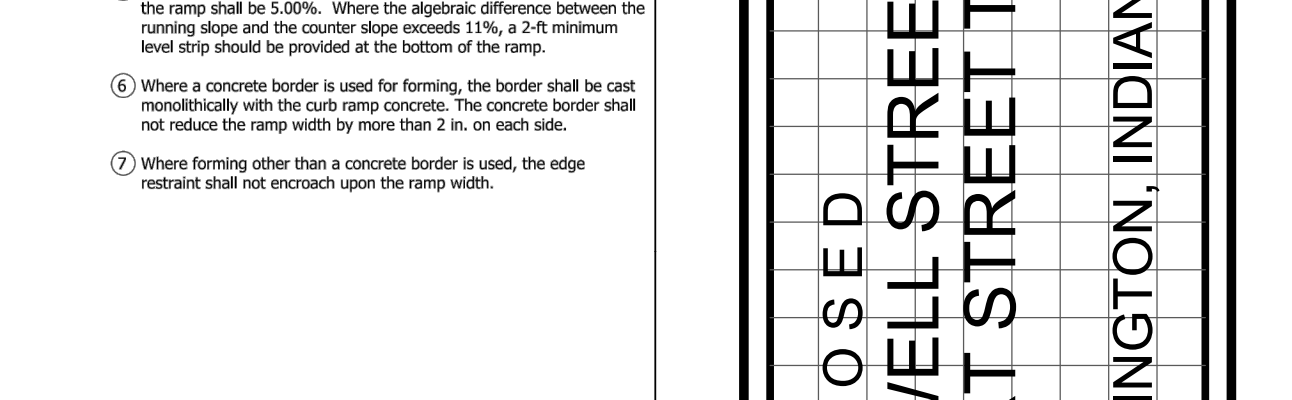
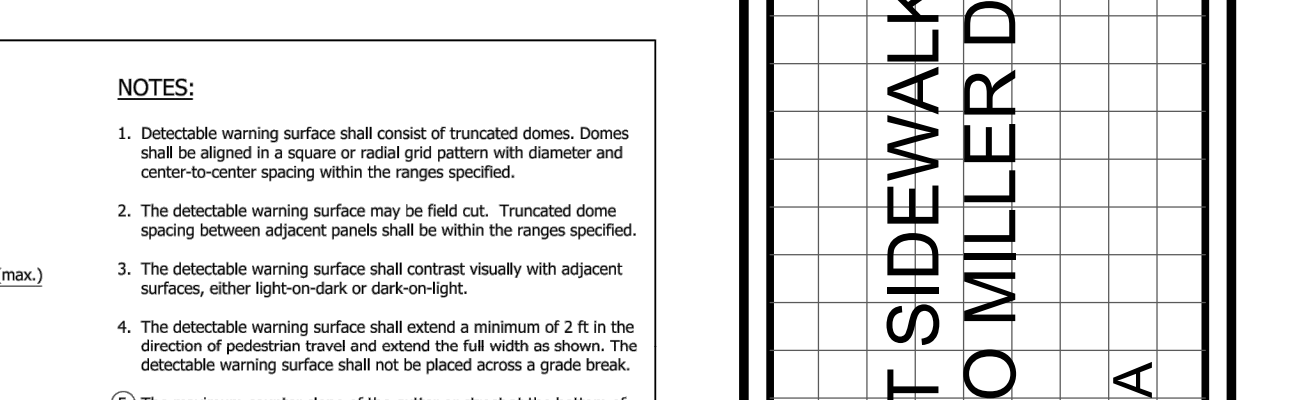
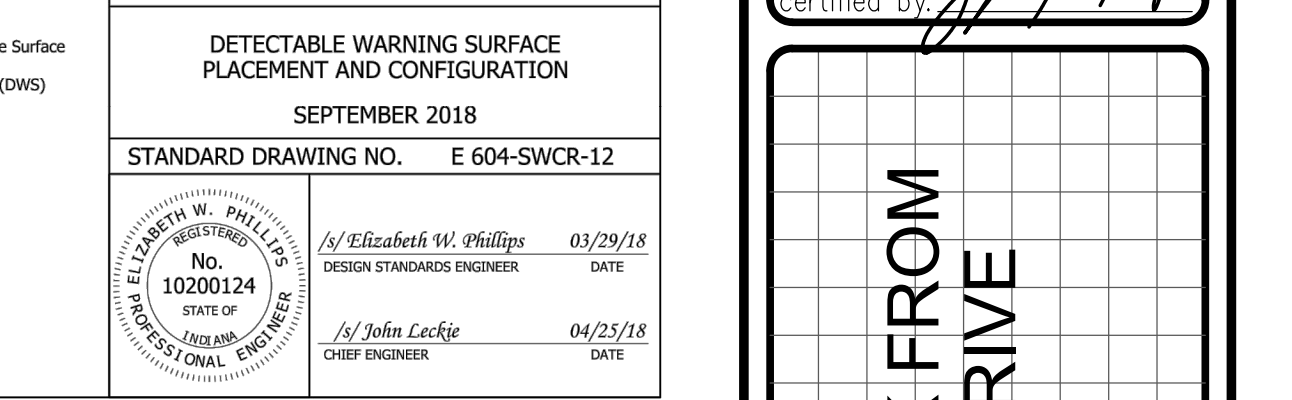
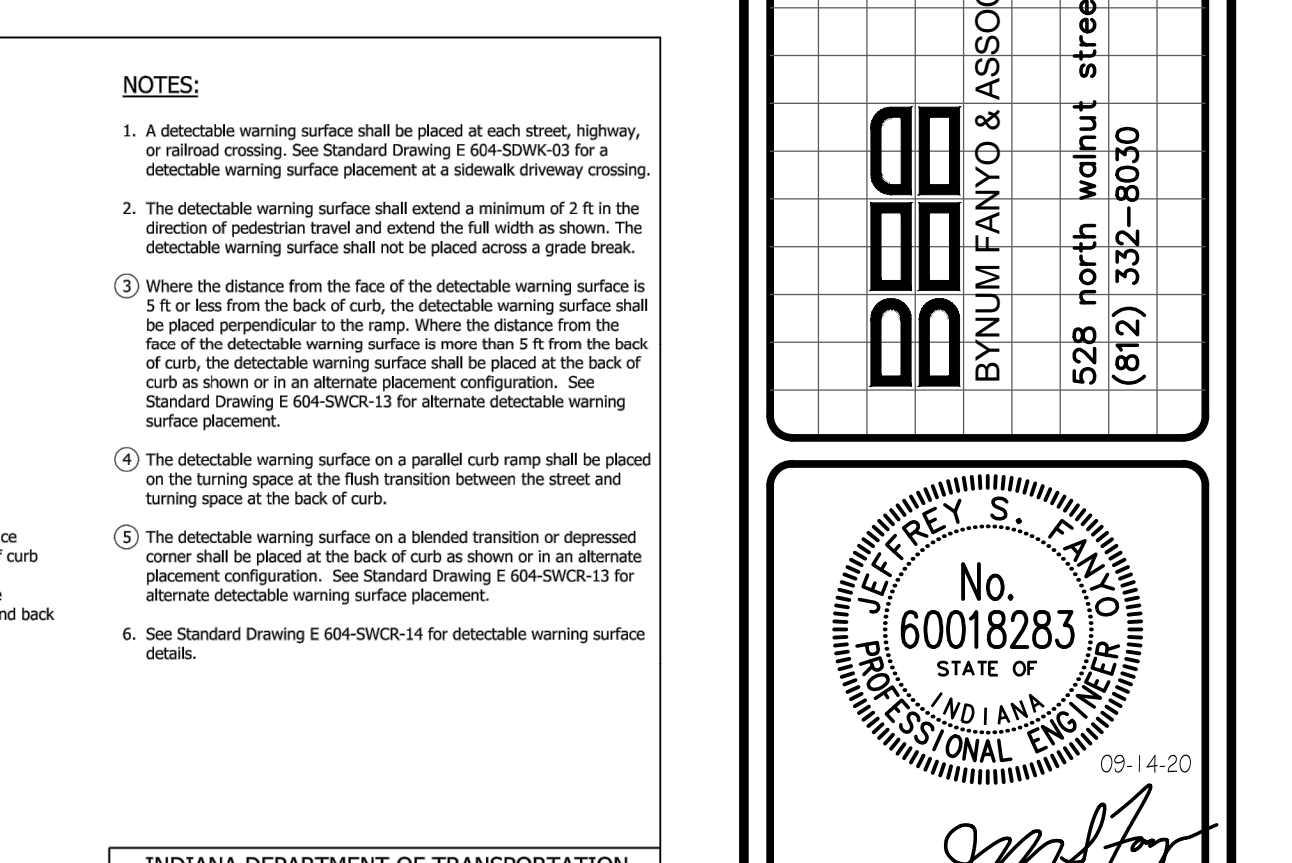
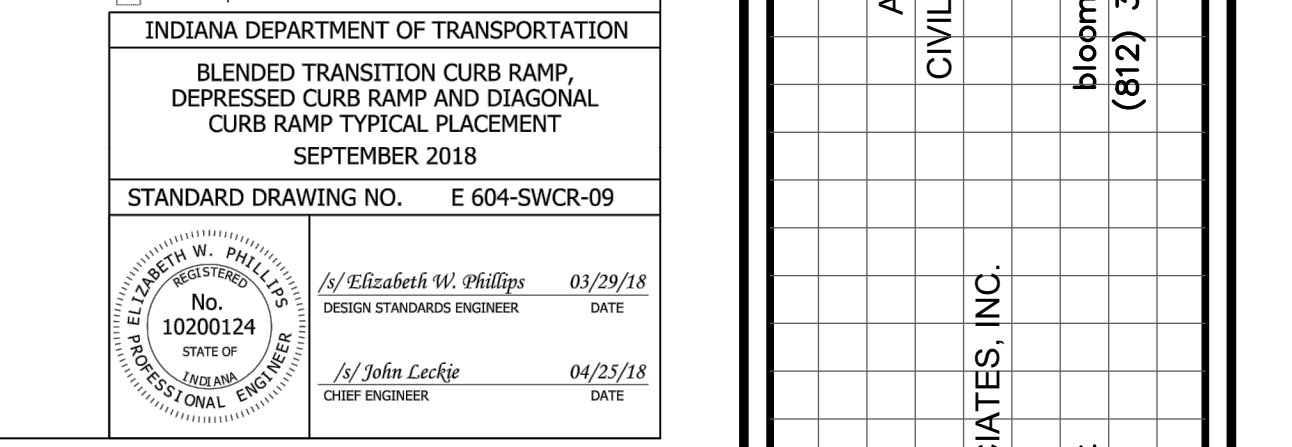
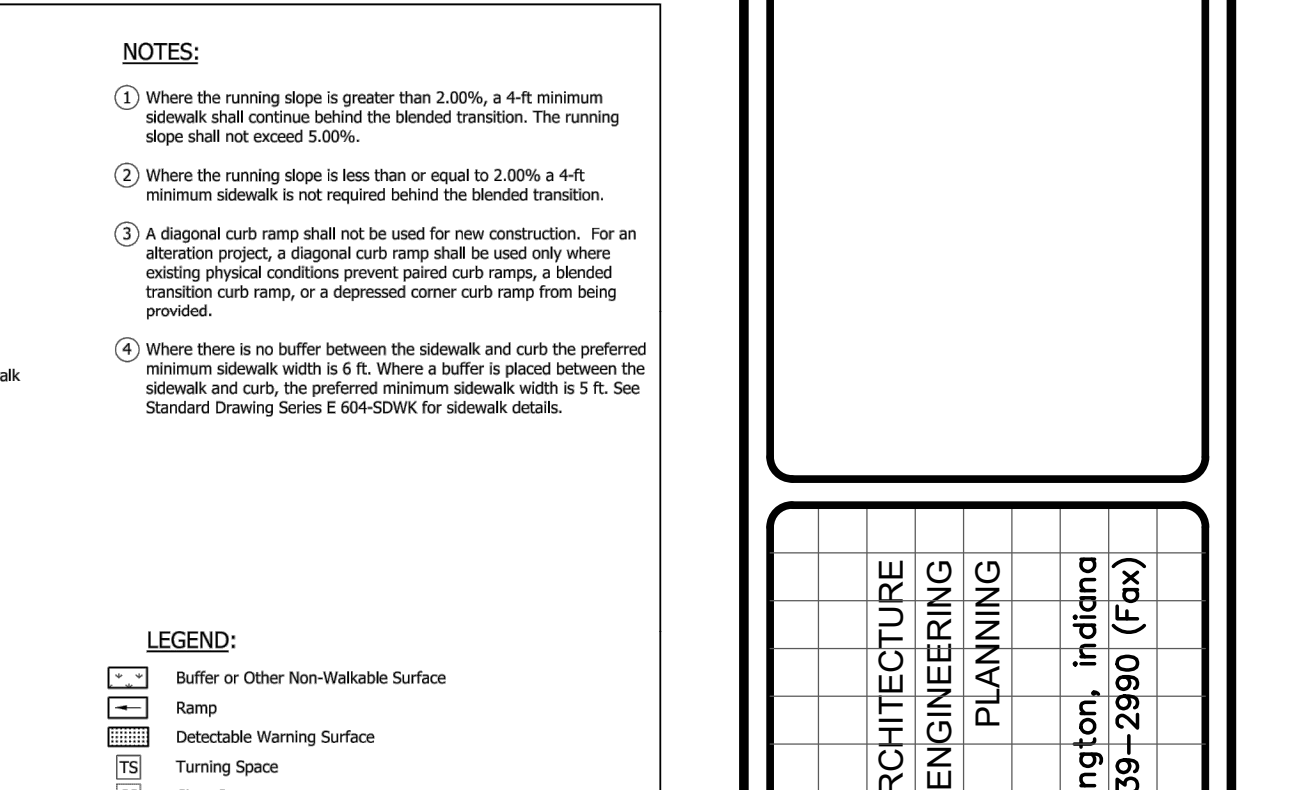
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STANDARD DRAWING NO. E 604-SWCR-03		
	<i>E/Elizabeth W. Phillips</i>	03/15/16
	DESIGN STANDARDS ENGINEER	DATE
	<i>M/Mark A. Miller</i>	03/18/16
	CHIEF ENGINEER	DATE



INDIANA DEPARTMENT OF TRANSPORTATION ONE-WAY DIRECTIONAL PERPENDICULAR CURB RAMP TYPICAL PLACEMENT SEPTEMBER 2016		
STANDARD DRAWING NO. E 604-SWCR-05		
	<i>E/Elizabeth W. Phillips</i>	03/15/16
	DESIGN STANDARDS ENGINEER	DATE
	<i>M/Mark A. Miller</i>	03/18/16
	CHIEF ENGINEER	DATE



INDIANA DEPARTMENT OF TRANSPORTATION DETECTABLE WARNING SURFACE PLACEMENT AND CONFIGURATION SEPTEMBER 2018		
STANDARD DRAWING NO. E 604-SWCR-12		
	<i>E/Elizabeth W. Phillips</i>	03/29/18
	DESIGN STANDARDS ENGINEER	DATE
	<i>J/John Leckie</i>	04/25/18
	CHIEF ENGINEER	DATE



INDIANA DEPARTMENT OF TRANSPORTATION PERPENDICULAR CURB RAMP COMPONENT DETAILS SEPTEMBER 2018		
STANDARD DRAWING NO. E 604-SWCR-04		
	<i>E/Elizabeth W. Phillips</i>	03/29/18
	DESIGN STANDARDS ENGINEER	DATE
	<i>J/John Leckie</i>	04/25/18
	CHIEF ENGINEER	DATE

INDIANA DEPARTMENT OF TRANSPORTATION DETECTABLE WARNING SURFACE DETAILS SEPTEMBER 2018		
STANDARD DRAWING NO. E 604-SWCR-14		
	<i>E/Elizabeth W. Phillips</i>	03/29/18
	DESIGN STANDARDS ENGINEER	DATE
	<i>J/John Leckie</i>	04/25/18
	CHIEF ENGINEER	DATE

ARCHITECTURE
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BYNUM FANYO & ASSOCIATES, INC.

528 north walnut street
(812) 332-8030

bloomington, indiana
(812) 332-2990 (Fax)

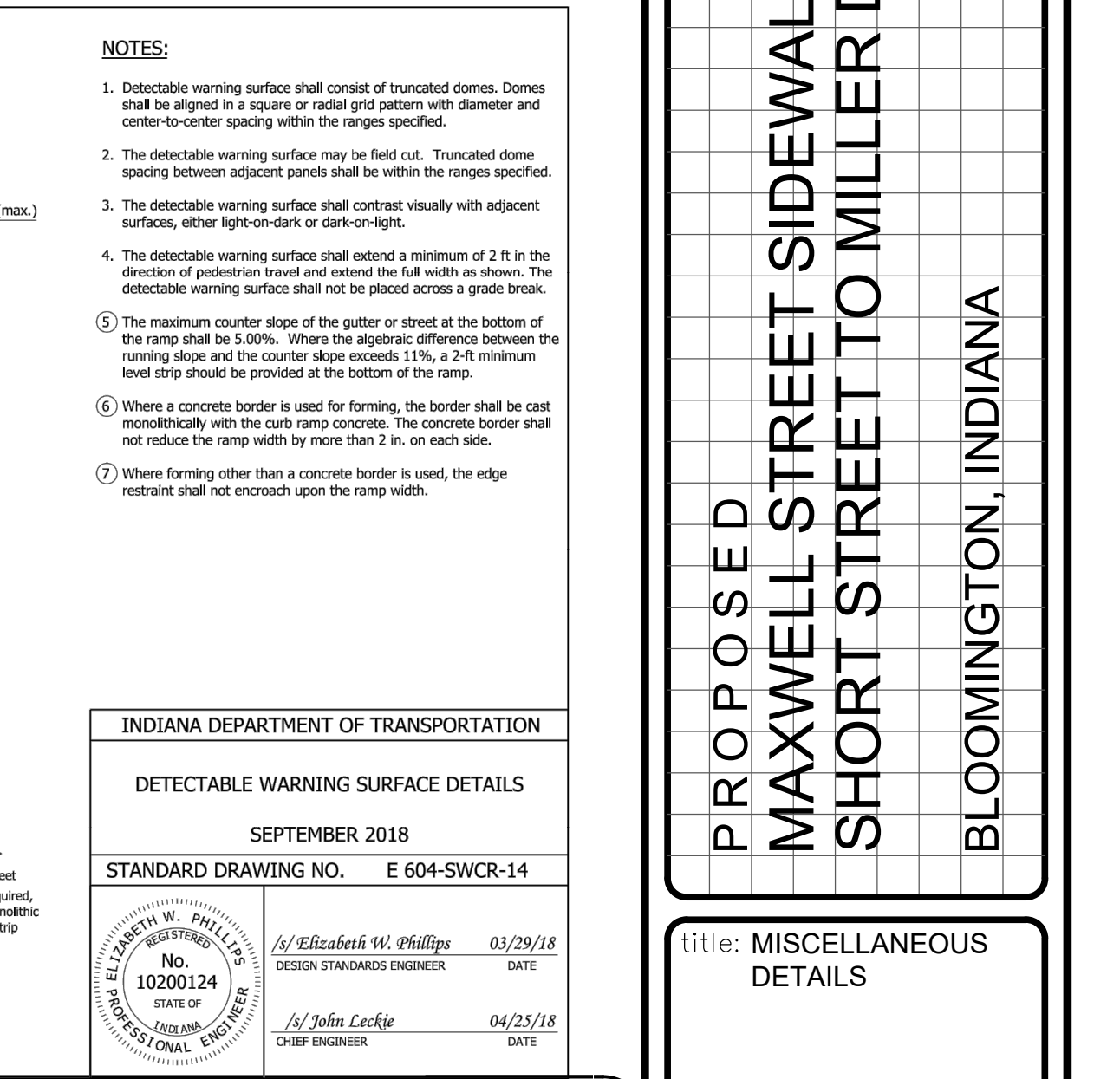
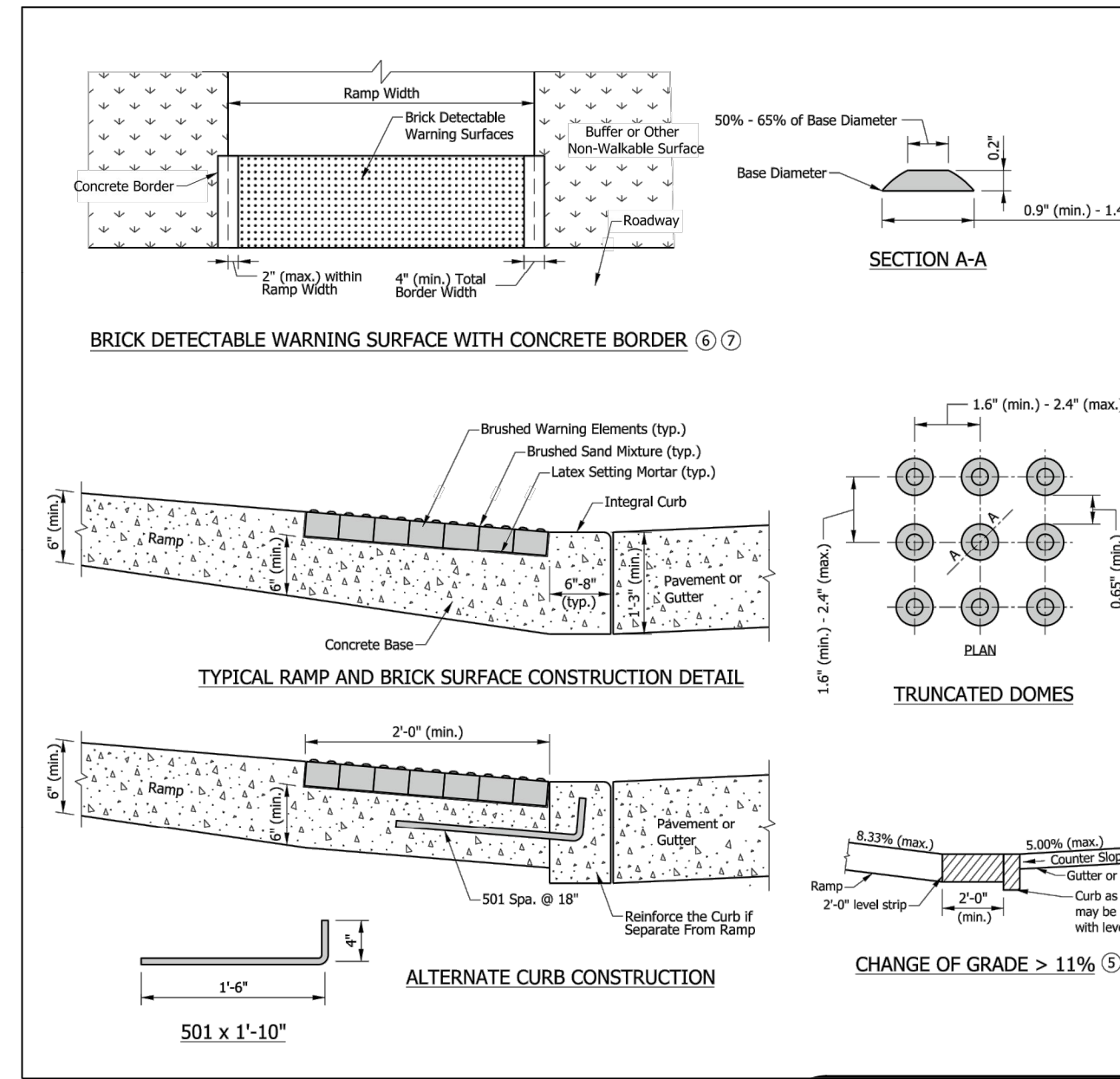
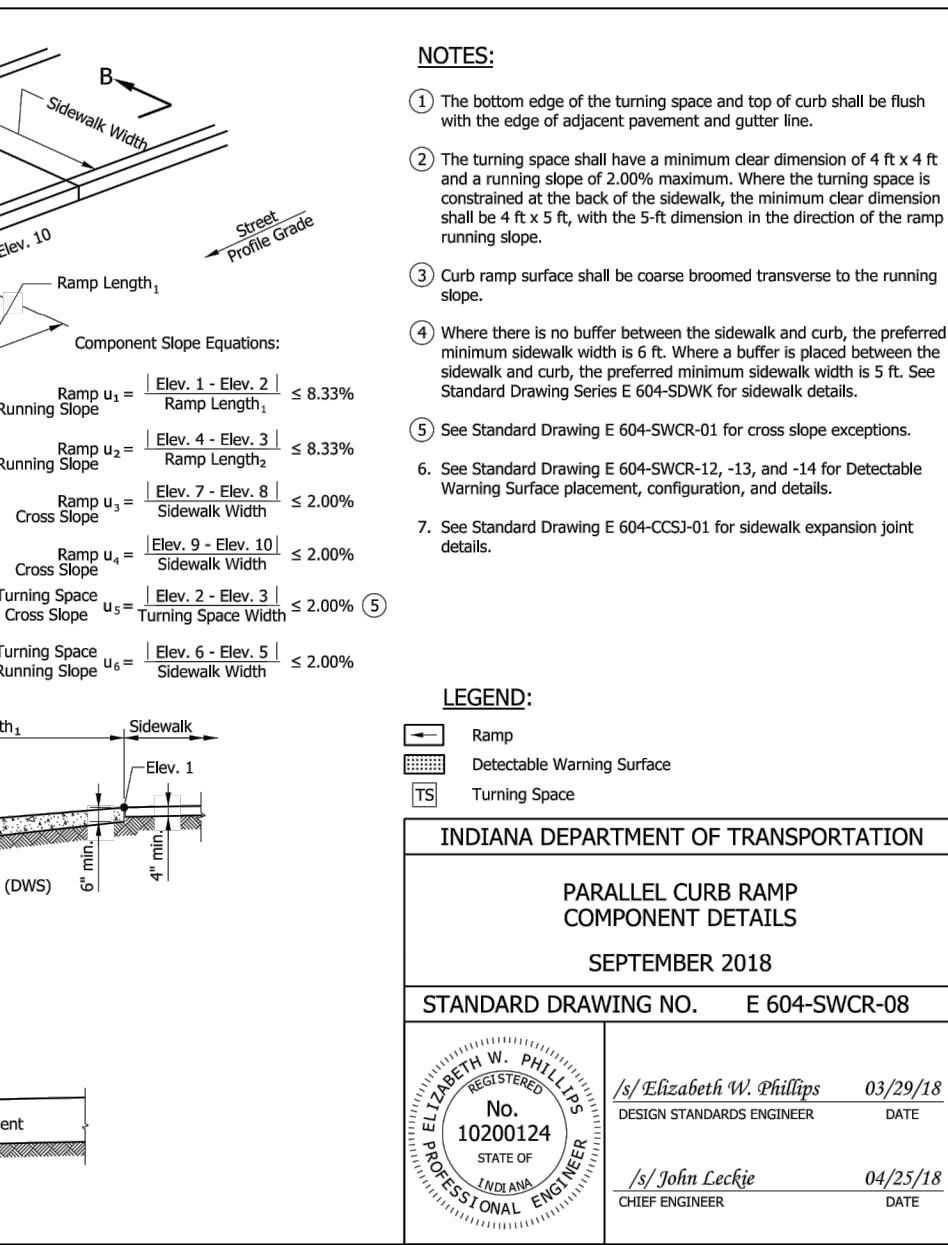
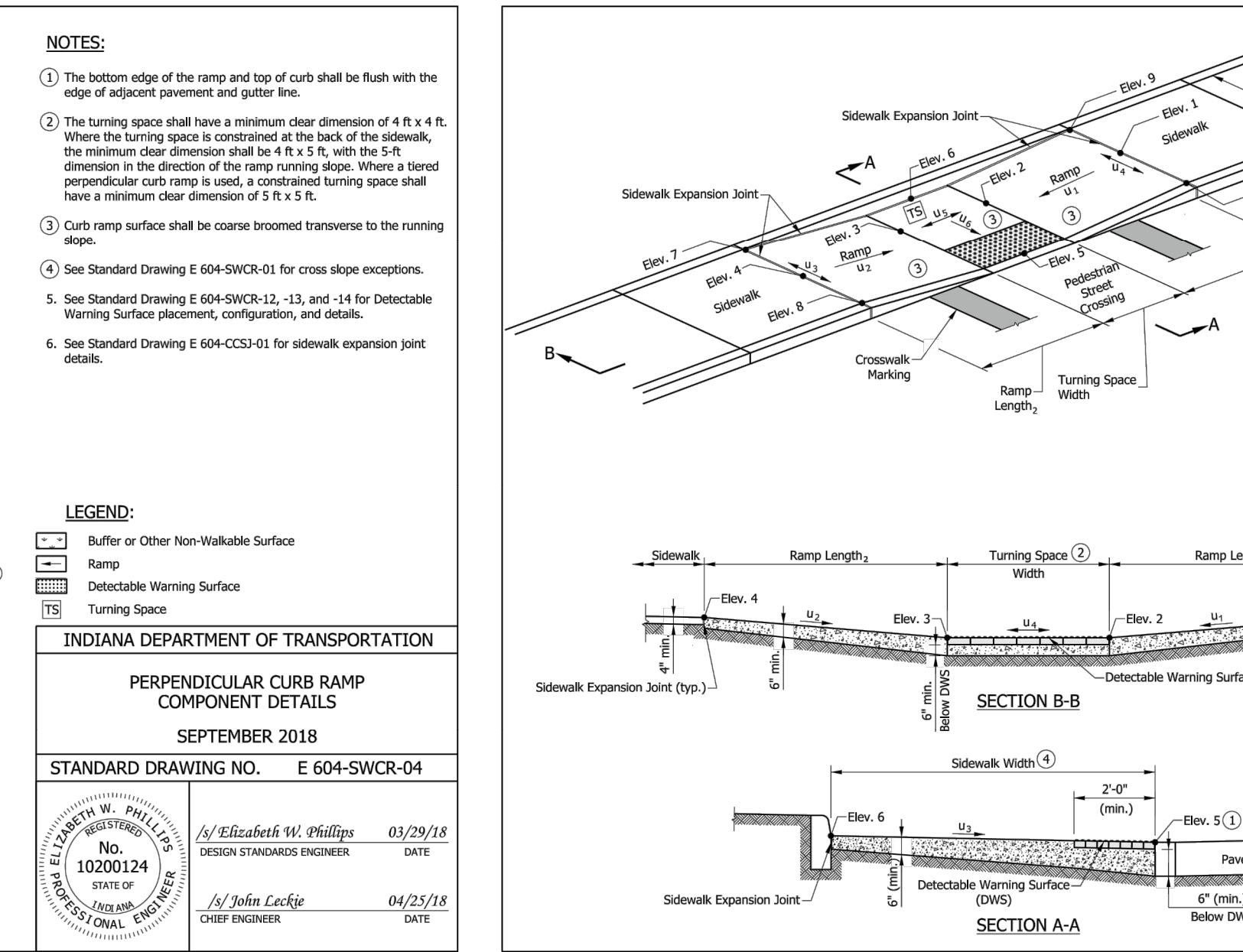
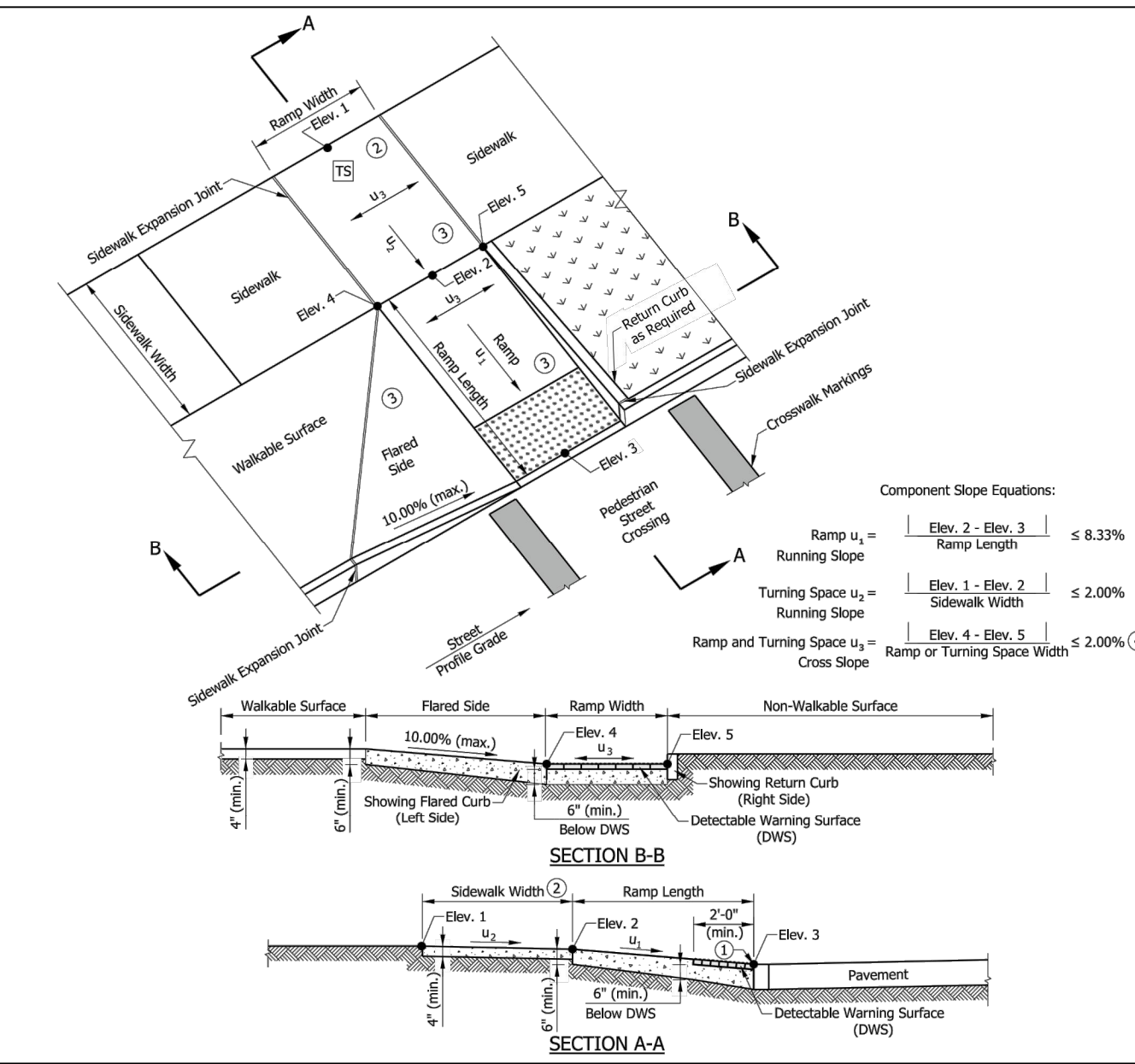
JEFFREY S. FANYO
Professional Engineer
No. 60018283
STATE OF INDIANA
Professional Engineer
09-14-20

certified by *JSF*

PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
BLOOMINGTON, INDIANA

title: MISCELLANEOUS
DETAILS

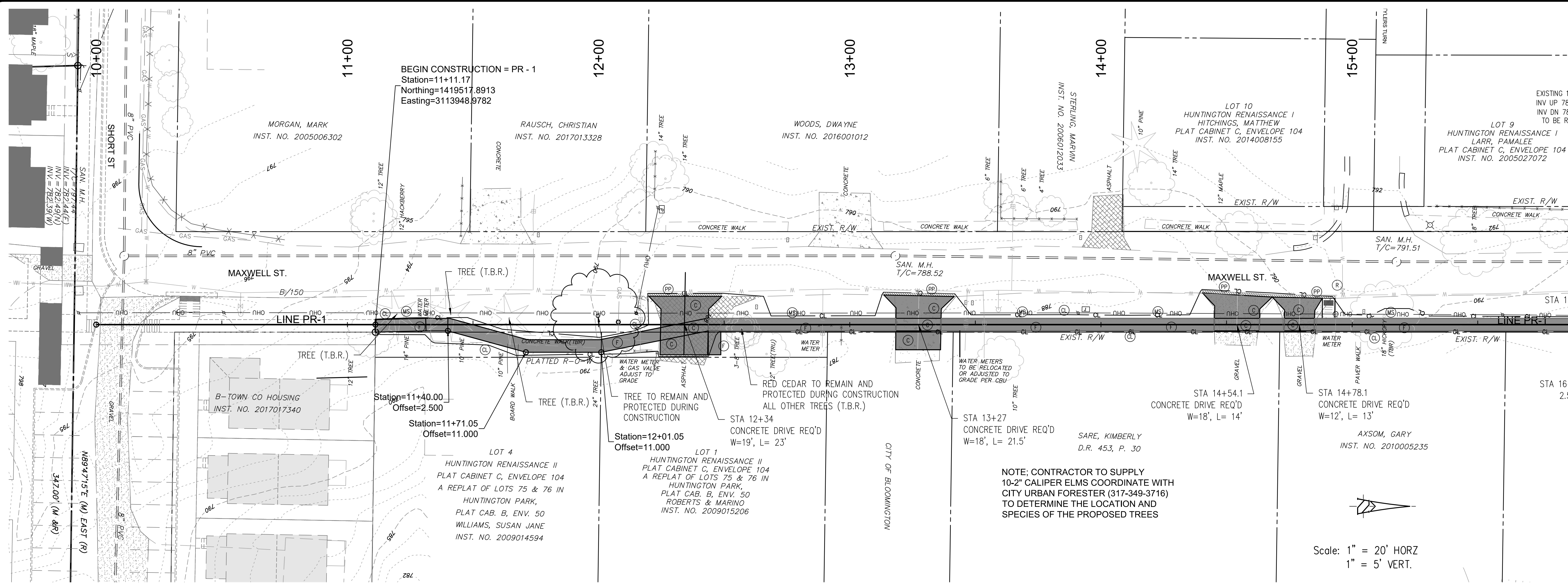
designed by: RLC
drawn by: RLC
checked by: JSF
sheet no: C202
project no.: 401852



NOTE TO CONTRACTOR

CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

Note: THE CITY OF BLOOMINGTON DOES NOT ALLOW BRICK DETECTABLE WARNINGS.



revisions:

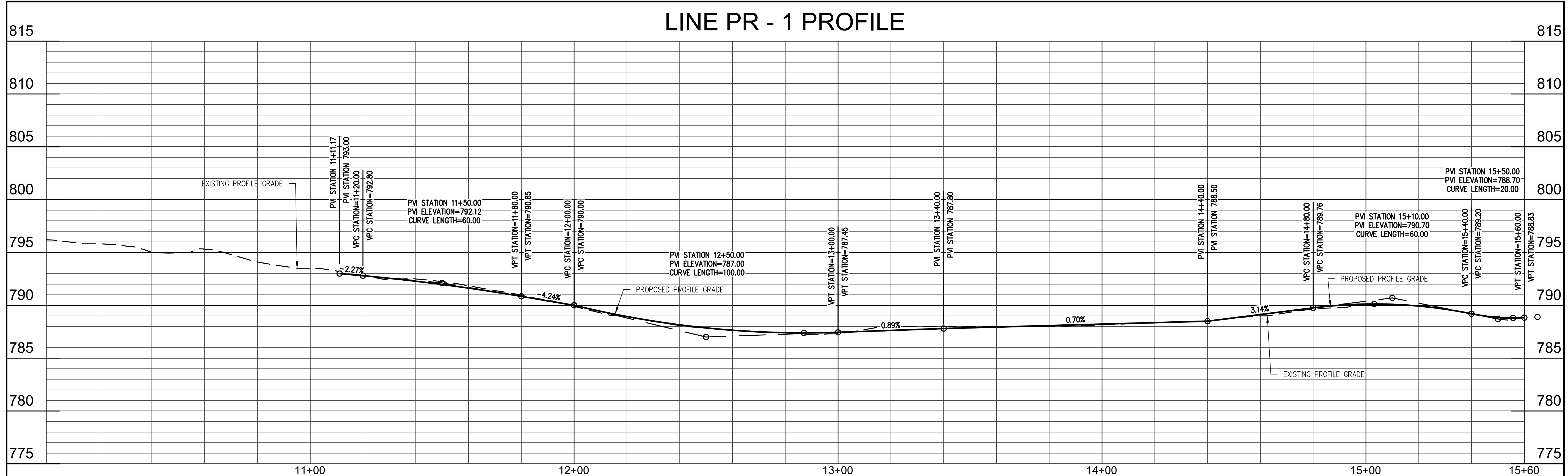
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PLANNING

BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
(812) 332-8030

bloomington, Indiana
(812) 339-2990 (Fax)

Professional Engineer Seal: JEFFREY S. FANYO, No. 60018283, STATE OF INDIANA, PROFESSIONAL ENGINEER, 09-14-20

LINE PR - 1 PROFILE



NOTE TO CONTRACTOR

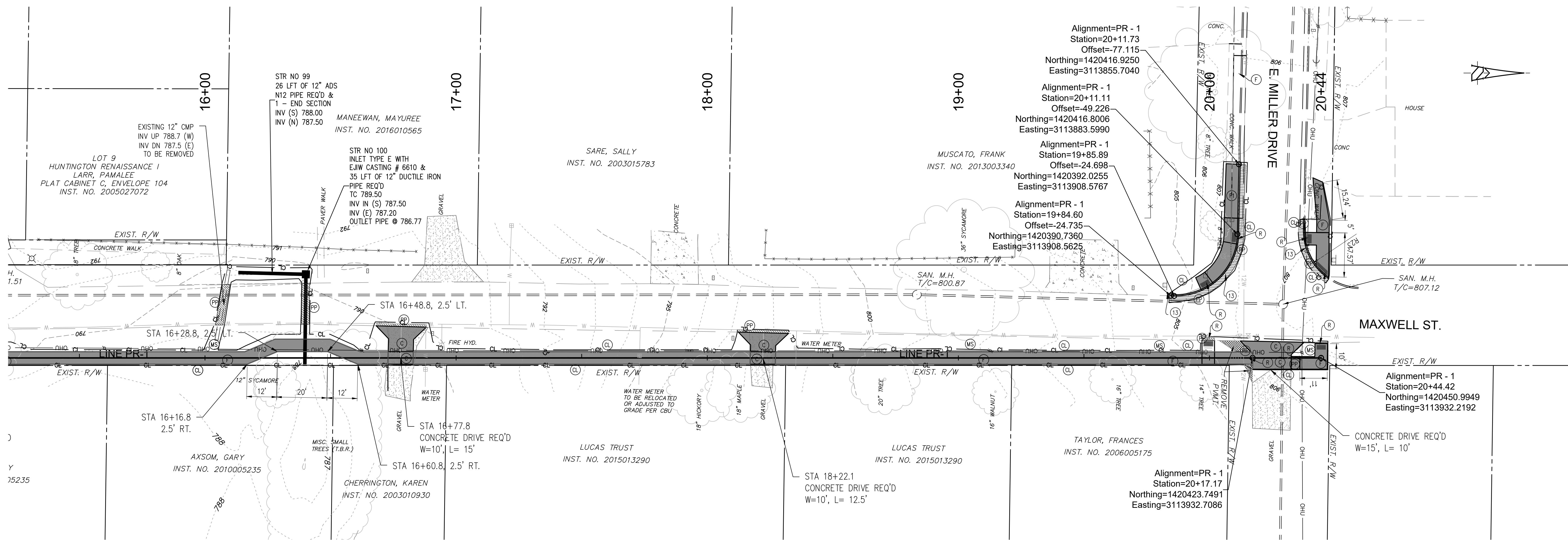
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certified by: *[Signature]*

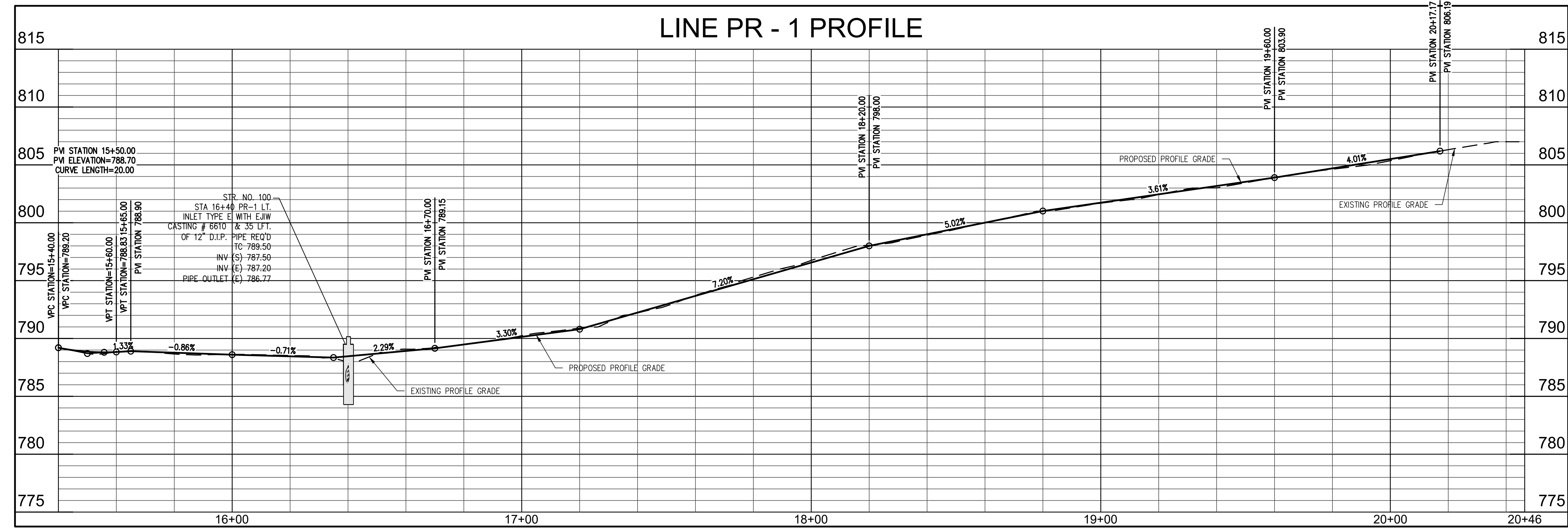
**PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
BLOOMINGTON, INDIANA**

title: LINE PR-1 PLAN & PROFILE

designed by: RLC
drawn by: RLC
checked by: JSF
sheet no: C301
project no.: 401852



Scale: 1" = 20' HORIZ
1" = 5' VERT.



NOTE TO CONTRACTOR
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revisions:

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bloomington, indiana
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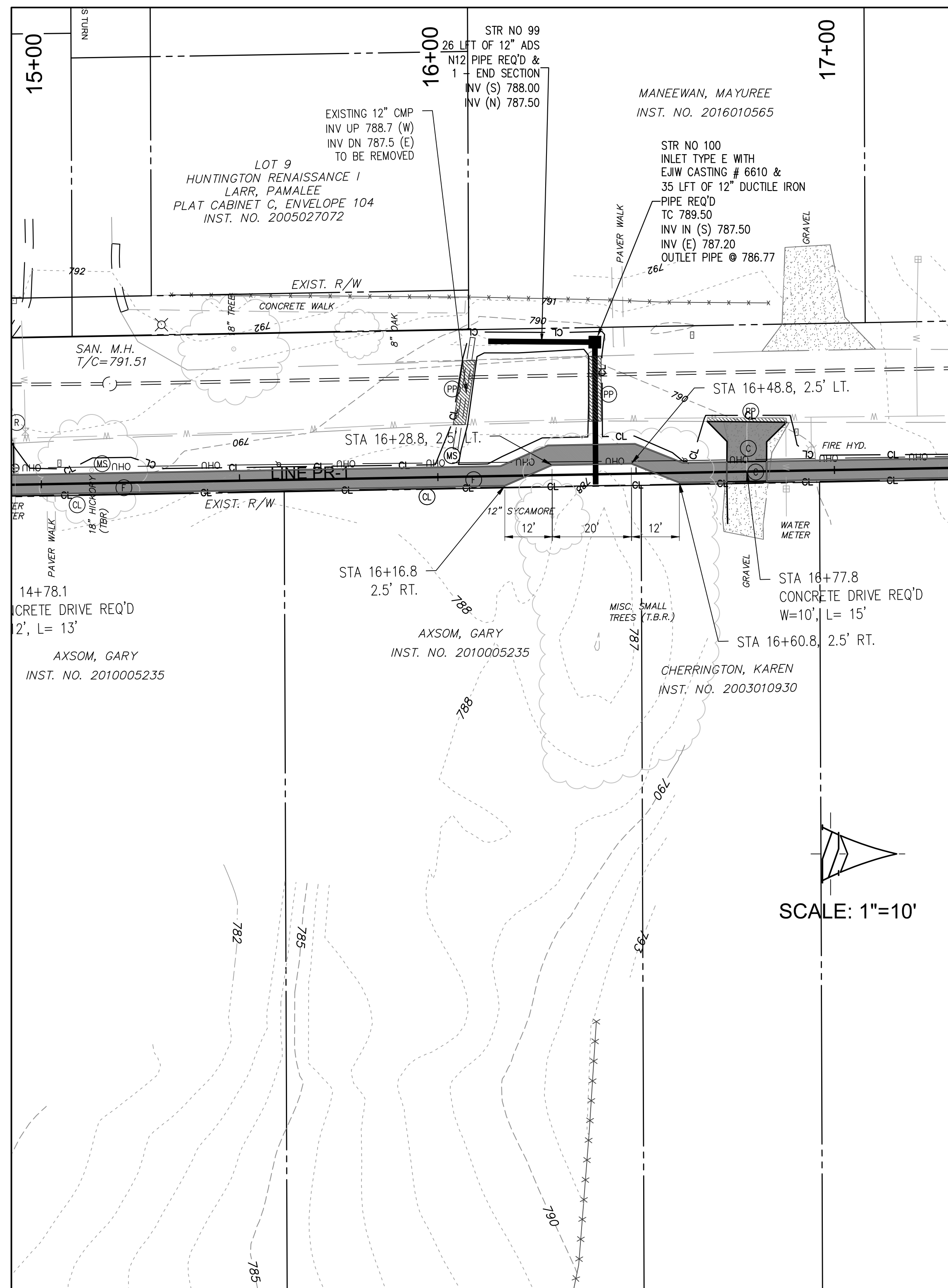
certified by *[Signature]*

JEFFREY S. FANYO
No. 60018283
STATE OF INDIANA
PROFESSIONAL ENGINEER
09-14-20

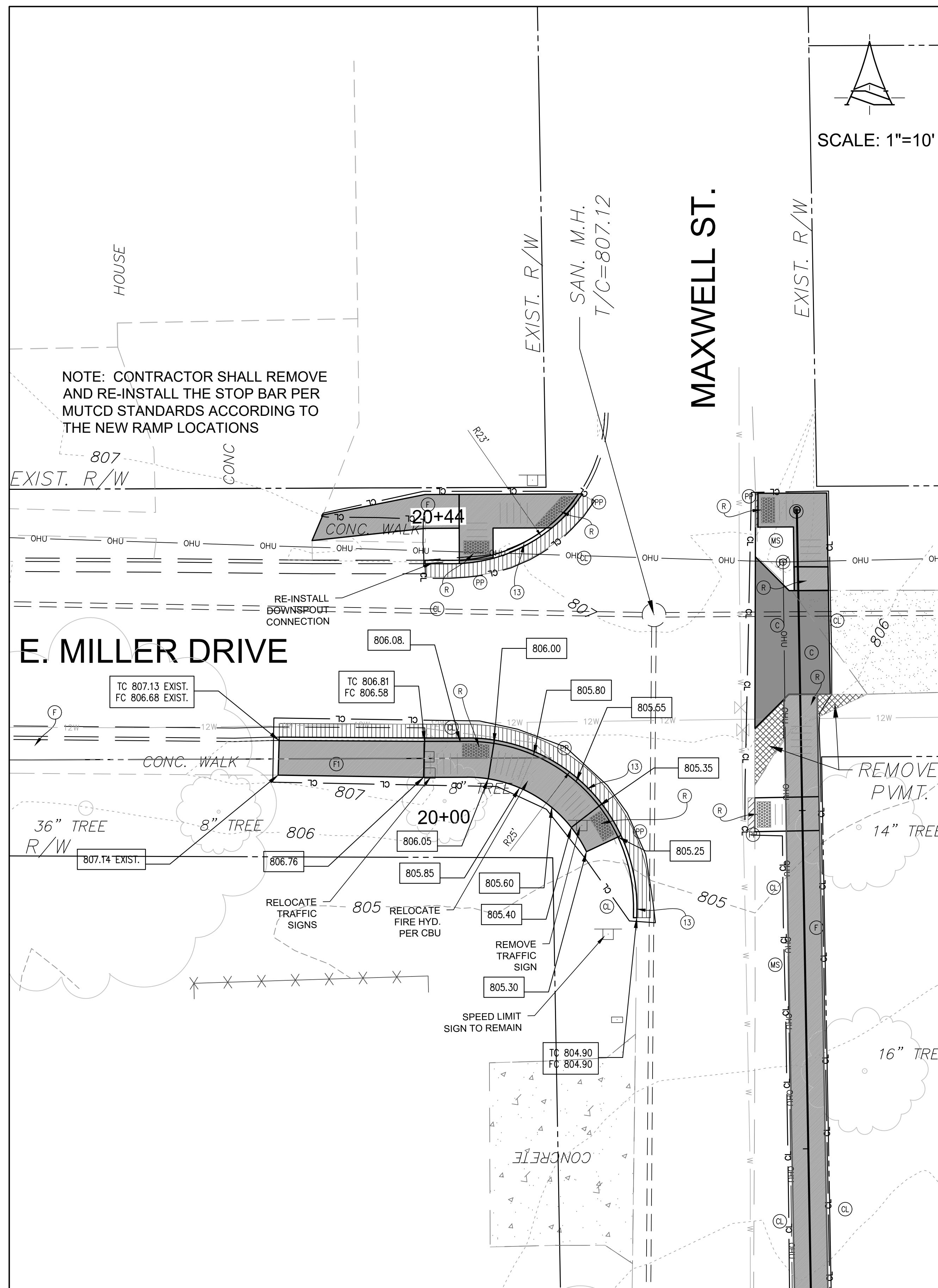
**PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
BLOOMINGTON, INDIANA**

title: LINE PR-1 PLAN & PROFILE

designed by: RLC
drawn by: RLC
checked by: JSF
sheet no: C302
project no.: 401852



DRAINAGE IMPROVEMENT DETAIL
STA 16+00 TO STA 16+60
SCALE 1" = 20'



INTERSECTION GRADING DETAIL
MAXWELL DRIVE AND MILLER DRIVE
SCALE 1"=10'

GENERAL LEGEND

---	PROPERTY LINE
---	PROPERTY LINE
XXX/XXX	DEED BOOK AND PAGE
T.B.R.	TO BE REMOVED
T.R.U.	TO REMAIN UNDISTURBED
X' SBL	SETBACK LINE
♿	PROPOSED ACCESSIBLE PARKING SPACE
S.S.E.	SANITARY SEWER EASEMENT
G.E.	GAS EASEMENT
W.L.E.	WATER LINE EASEMENT
E.E.	ELECTRIC EASEMENT
D.E.	DRAINAGE EASEMENT
U.E.	UTILITY EASEMENT

SITE LEGEND

(A)	PROPOSED ROAD BITUMINOUS PAVING
(B)	PROPOSED WEDGE AND LEVELING USING 110# BITUMINOUS SURFACE #11 ON BITUMINOUS BINDER # 8 OR 9
(W)	PROPOSED ALL-PURPOSE TRAIL BITUMINOUS PAVING
(C)	PROPOSED REINFORCED CONCRETE PAVING
(F)	PROPOSED CONCRETE SIDEWALK
(F1)	PROPOSED MONOLITHIC CURB AND SIDEWALK
(PP)	PROPOSED CITY OF BLOOMINGTON STANDARD ROAD PAVEMENT PATCH
(13)	PROPOSED 6 IN. STANDING CURB
(15)	PROPOSED 6 IN. CONCRETE CURB AND GUTTER
(R1)	PROPOSED INDOT SIDEWALK ACCESSIBLE RAMP TYPE G
(R2)	PROPOSED INDOT SIDEWALK ACCESSIBLE RAMP TYPE A
(R3)	PROPOSED SIDEWALK ACCESSIBLE RAMP TYPE H
(R4)	PROPOSED SIDEWALK ACCESSIBLE RAMP TYPE K
(R5)	PROPOSED INDOT SIDEWALK ACCESSIBLE RAMP TYPE E
(21)	PROPOSED SOLID WHITE 4 IN. WIDE PAINTED PAVEMENT MARKING
(29)	PROPOSED SOLID WHITE 12 IN. WIDE PAINTED CROSS HATCH PAVEMENT MARKING - SPACED AT 5 FT. O.C. IN LIMITS SHOWN
(20)	PROPOSED SOLID BLUE 4 IN. WIDE PAINTED ADA PARKING MARKING
(36)	PROPOSED SOLID THERMOPLASTIC WHITE 24 IN. WIDE STOP BAR PAVEMENT MARKING
(38)	PROPOSED SOLID WHITE THERMOPLASTIC 24 IN. WIDE CROSSWALK PAVEMENT MARKING - 24 IN. SPACING
(R1-1)	PROPOSED INDOT 30 IN. X 30 IN. ROAD STOP SIGN
(RW)	PROPOSED REINFORCED CONCRETE RETAINING WALL AND RAILING - REFER TO STRUCTURAL DRAWINGS FOR MORE DETAILS
(XX)	PROPOSED NUMBER OF PARKING SPACES PER LOT
(B)	PROPOSED BOLLARD
(S)	PROPOSED CONCRETE STAIRS SPACED 4 FT. O.C. MIN. AS REQUIRED, STEP HEIGHT VARIES, 7 IN. MAXIMUM, REFER TO GRADING PLAN FOR MORE INFORMATION
(SI)	PROPOSED WOOD STAIRS TO 2ND FLOOR AS REQUIRED, RISER HEIGHT VARIES, REFER TO GRADING AND ARCHITECTURAL PLANS FOR MORE INFORMATION
(BP)	PROPOSED BIKE PARKING AREA WITH CONCRETE PAD, REFER TO TYPICAL SIDEWALK CONCRETE DETAIL - REFER ALSO TO LANDSCAPE AND ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AND FOUNDATION INFORMATION
(PB)	PROPOSED CONCRETE PARKING BUMPER BLOCK, 7 FT. LONG

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revisions:

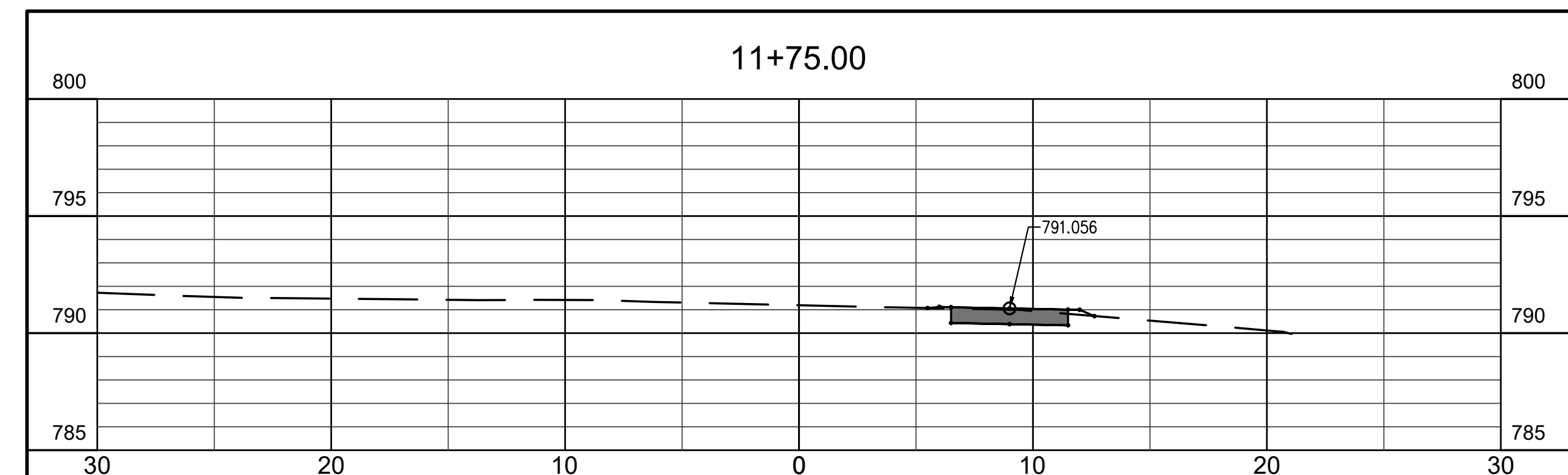
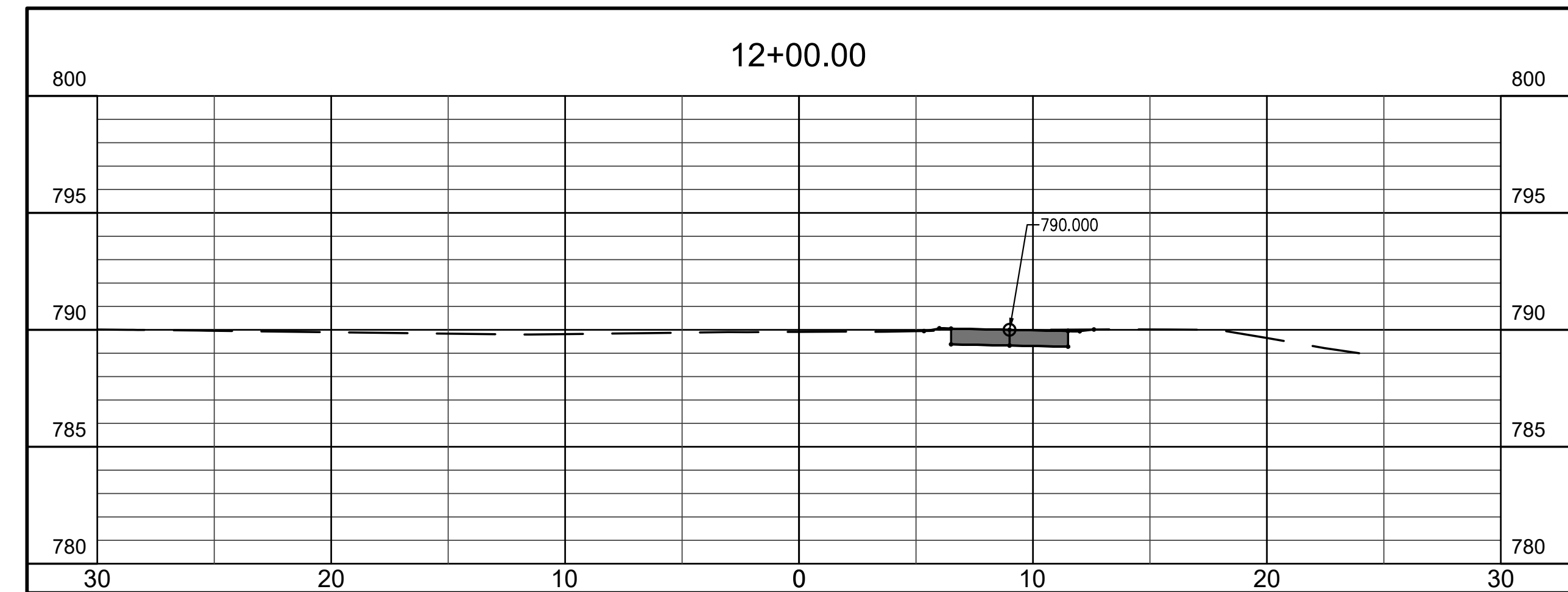
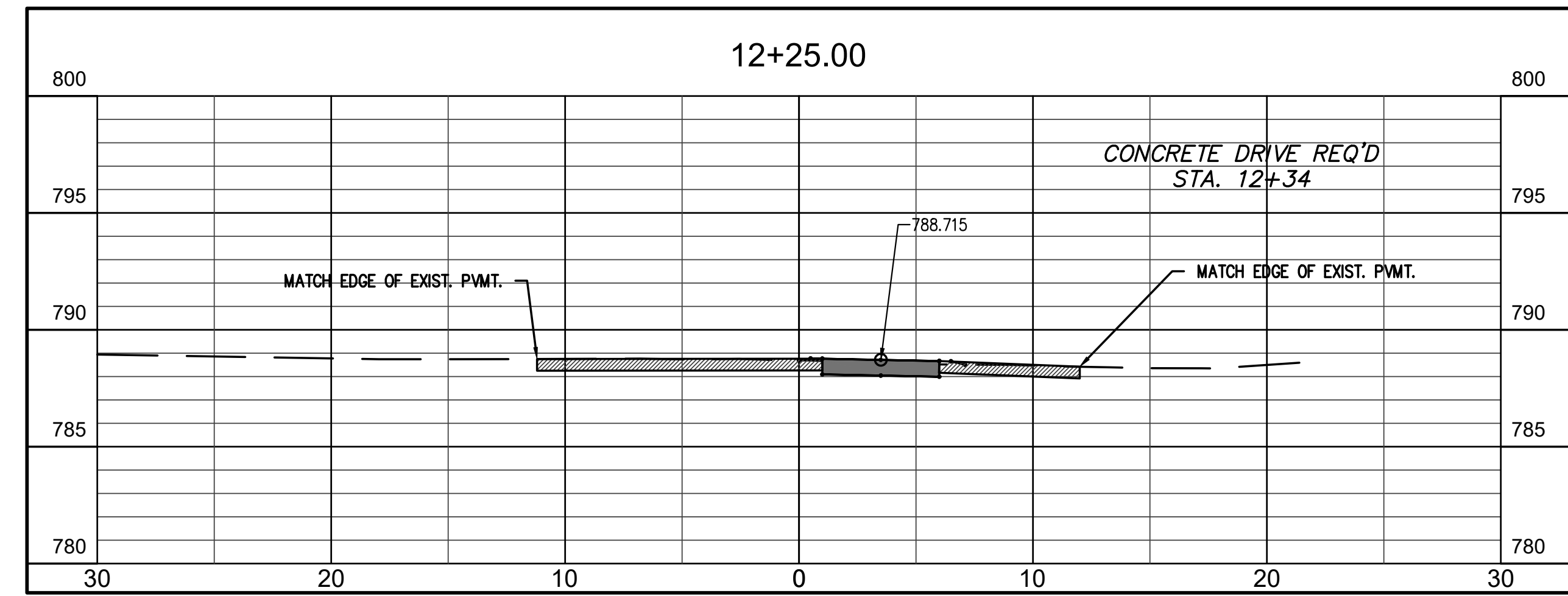
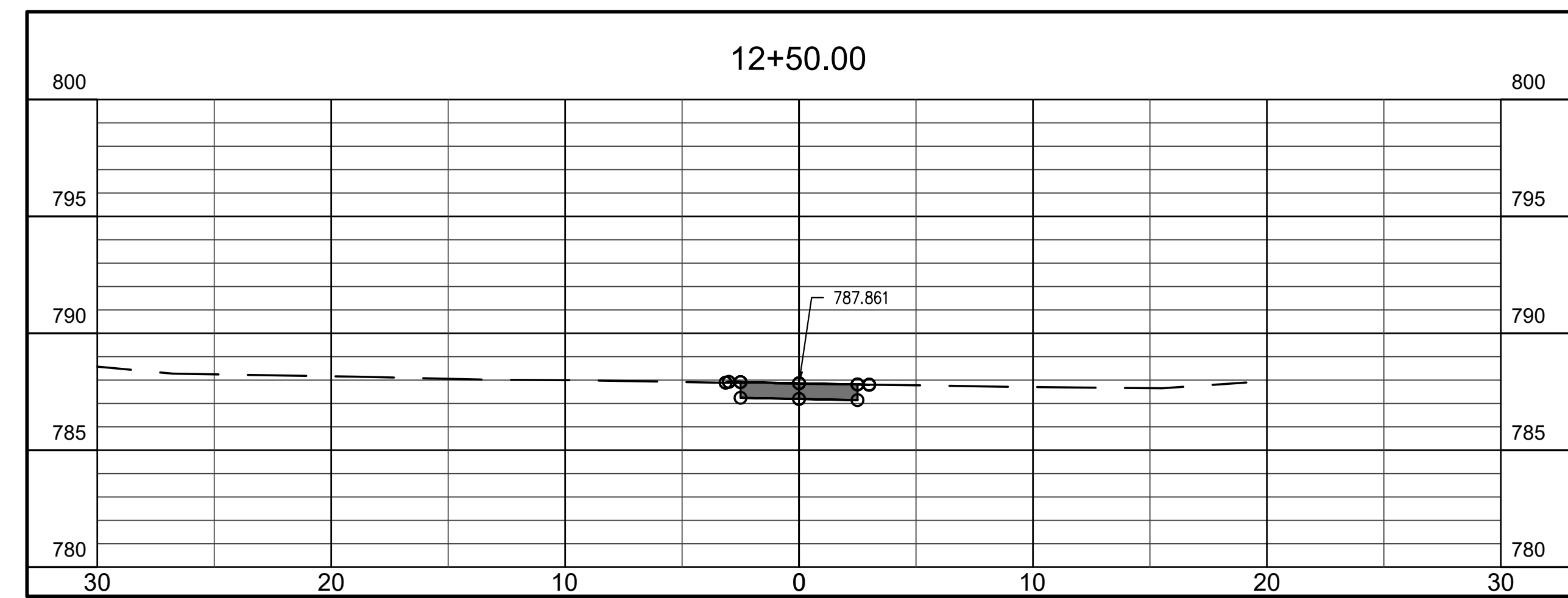
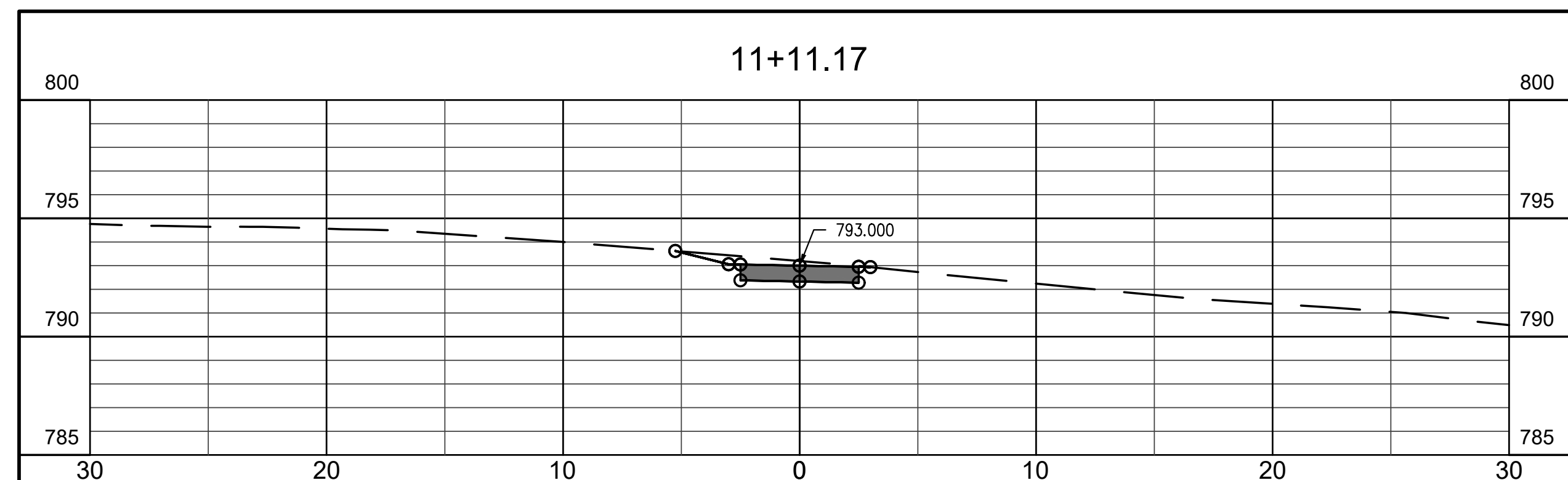
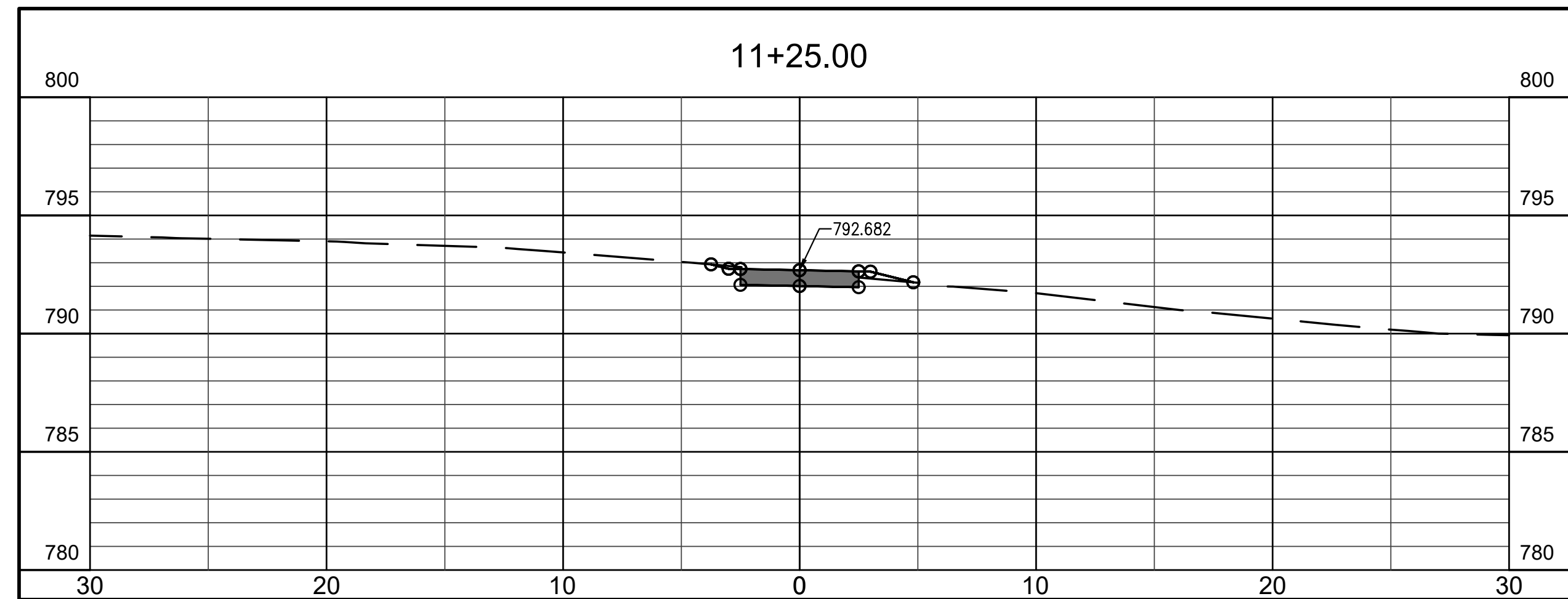
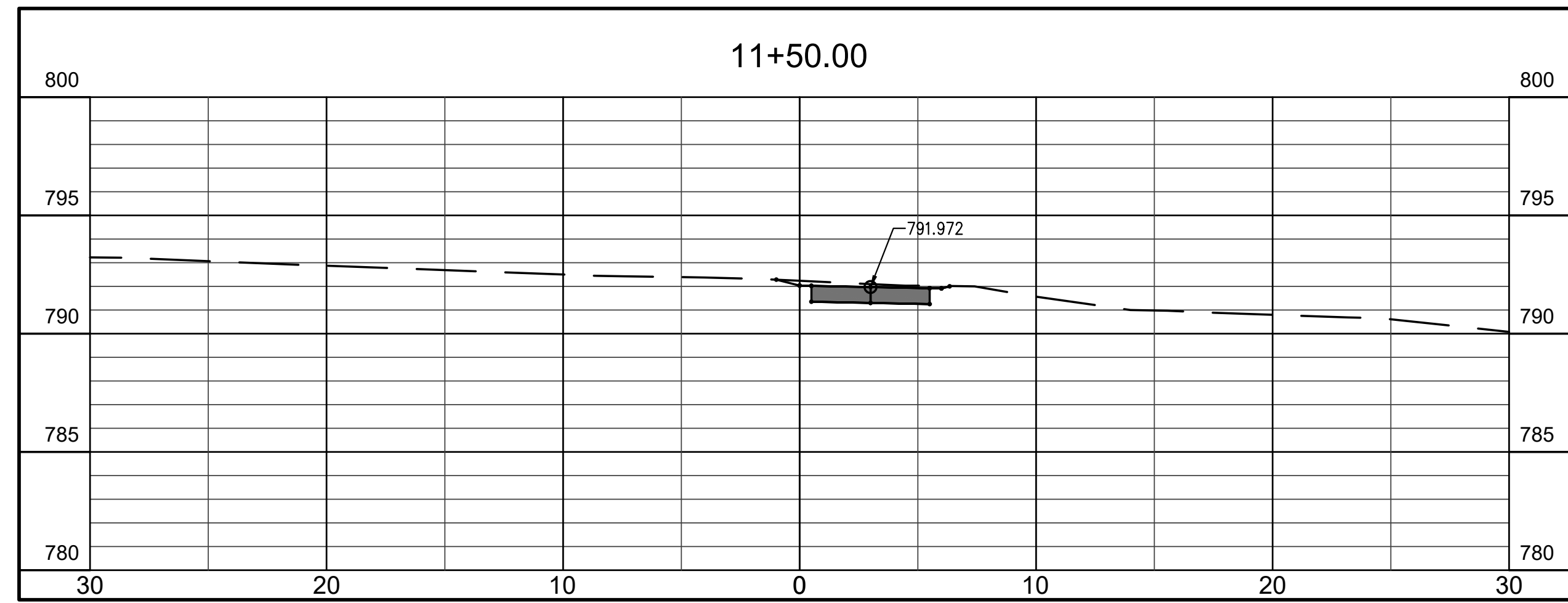
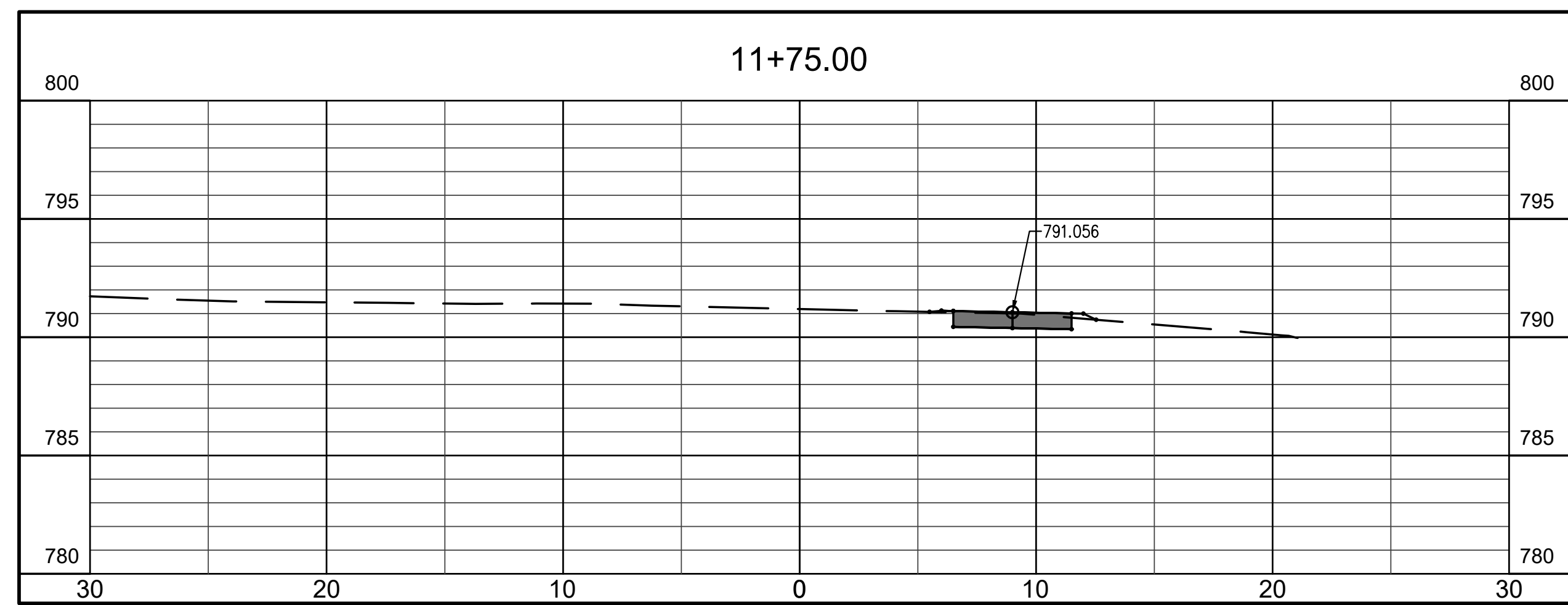
ARCHITECTURE
CIVIL ENGINEERING
PLANNING

BFB
BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
(812) 332-8030

certified by *[Signature]*

**PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE**
BLOOMINGTON, INDIANA

designed by: rfc
drawn by: rfc
checked by: jsf
sheet no: C301
project no.: 401852



Scale: 1" = 5' HORZ
1" = 5' VERT.

NOTE TO CONTRACTOR

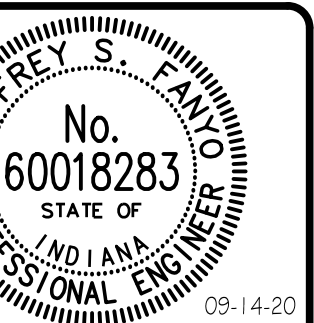
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revisions:

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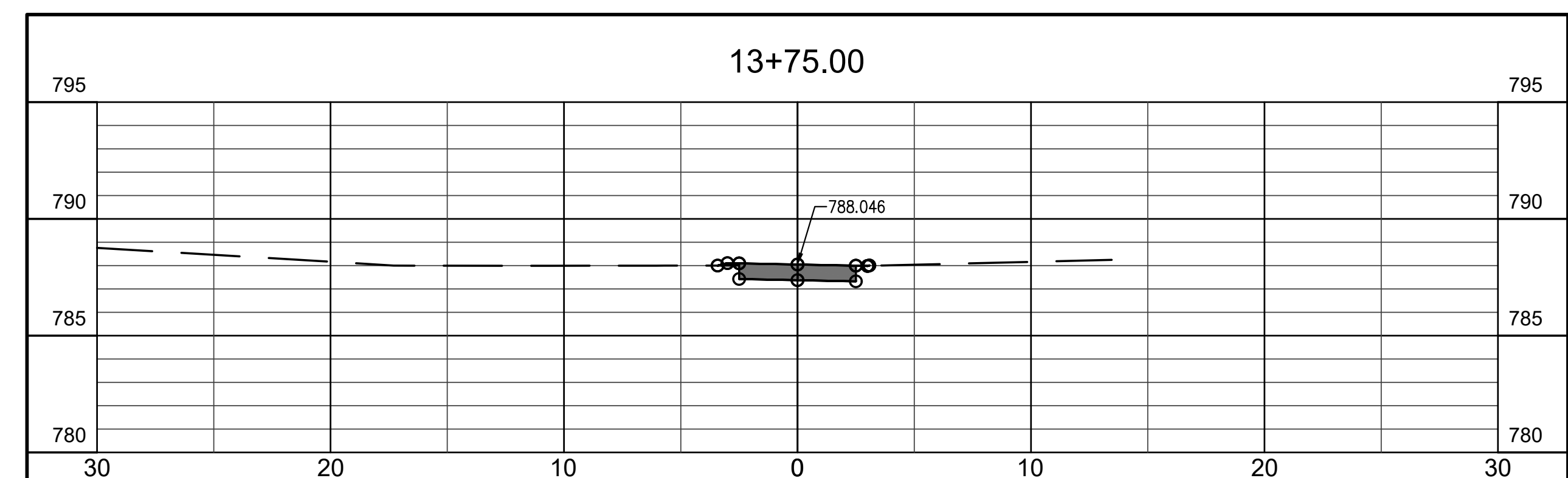
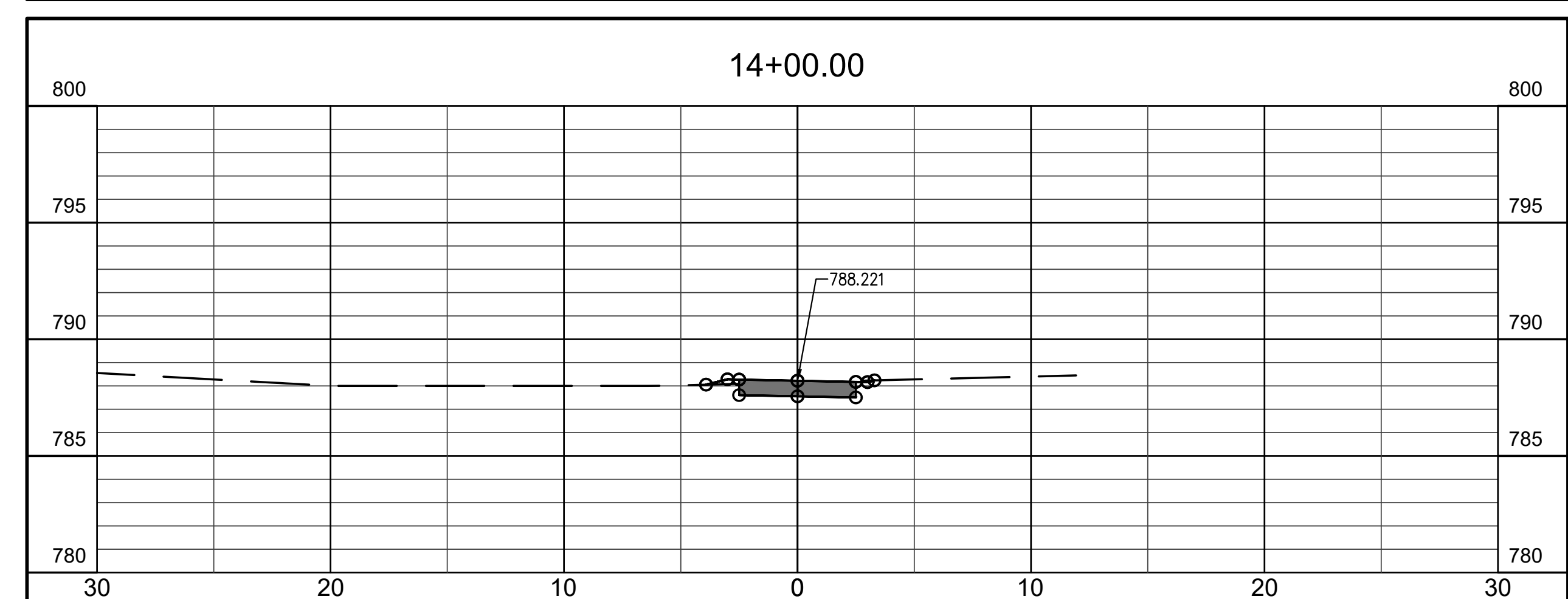
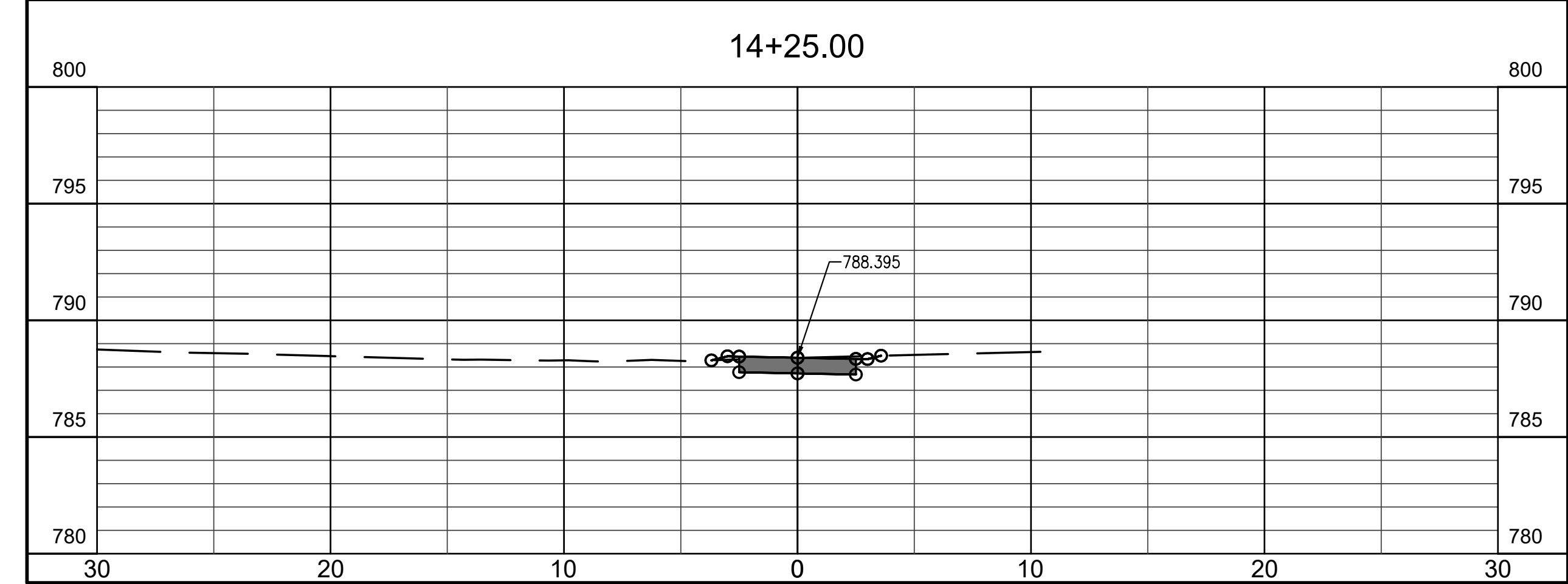
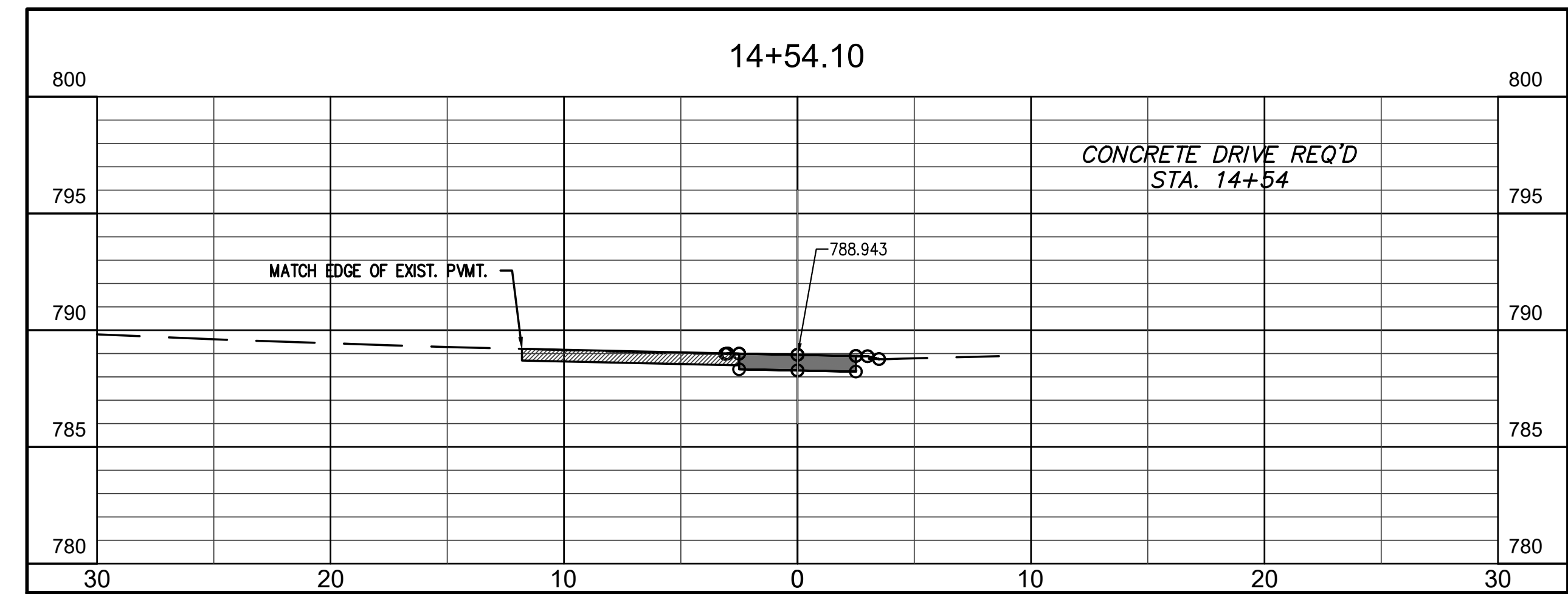
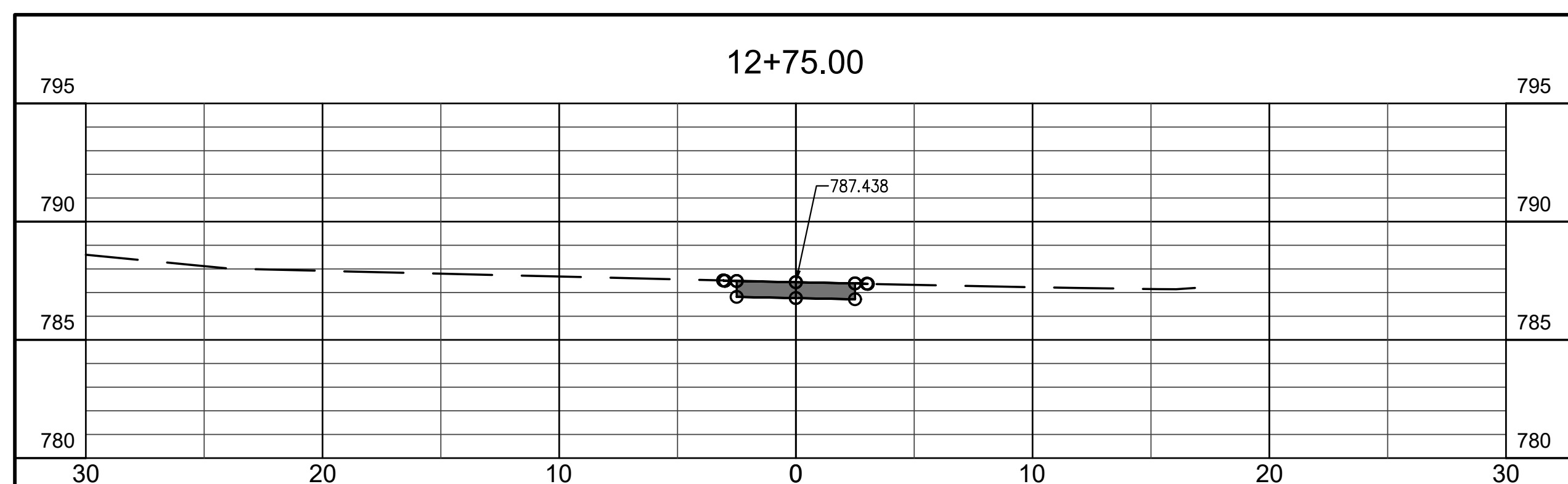
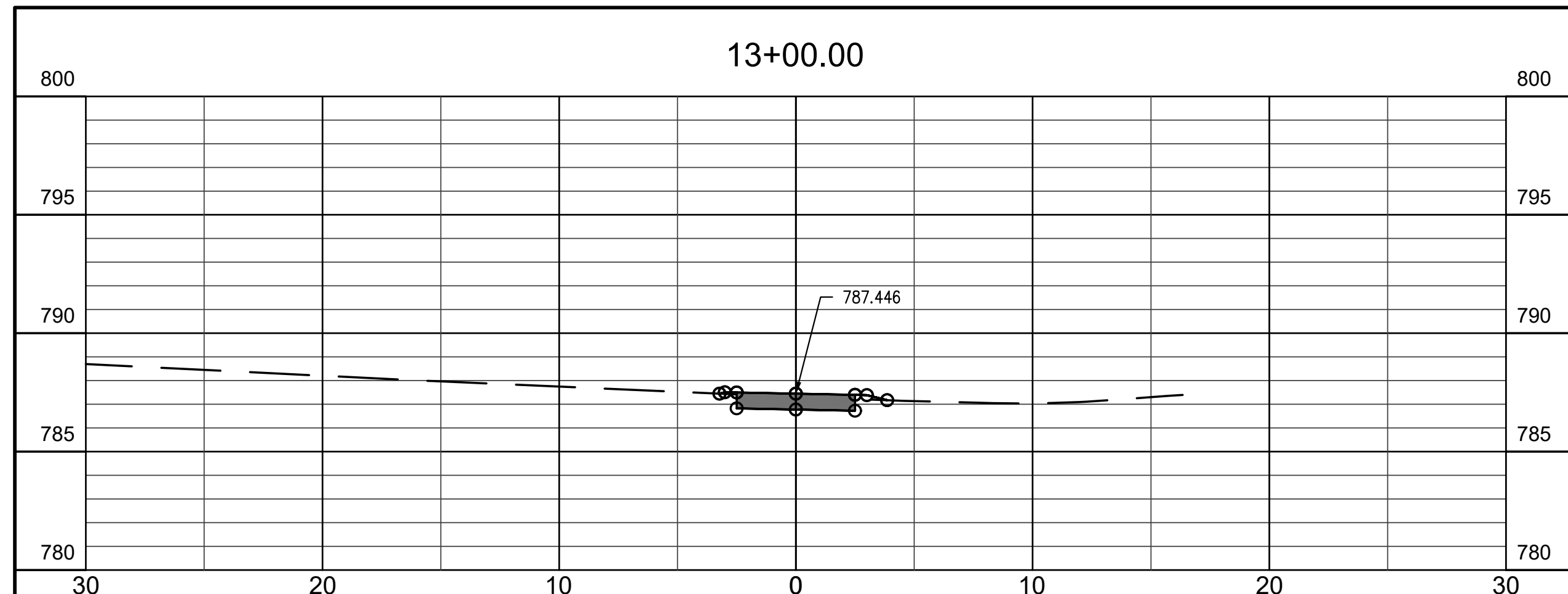
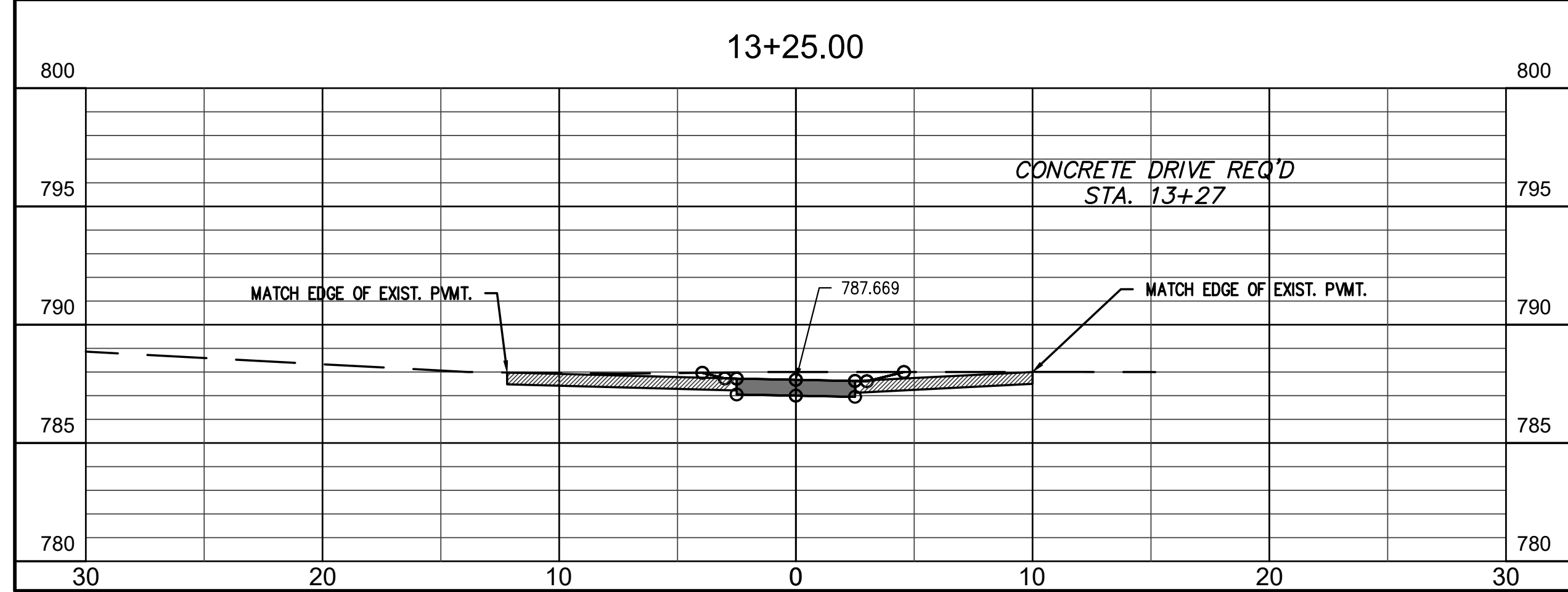
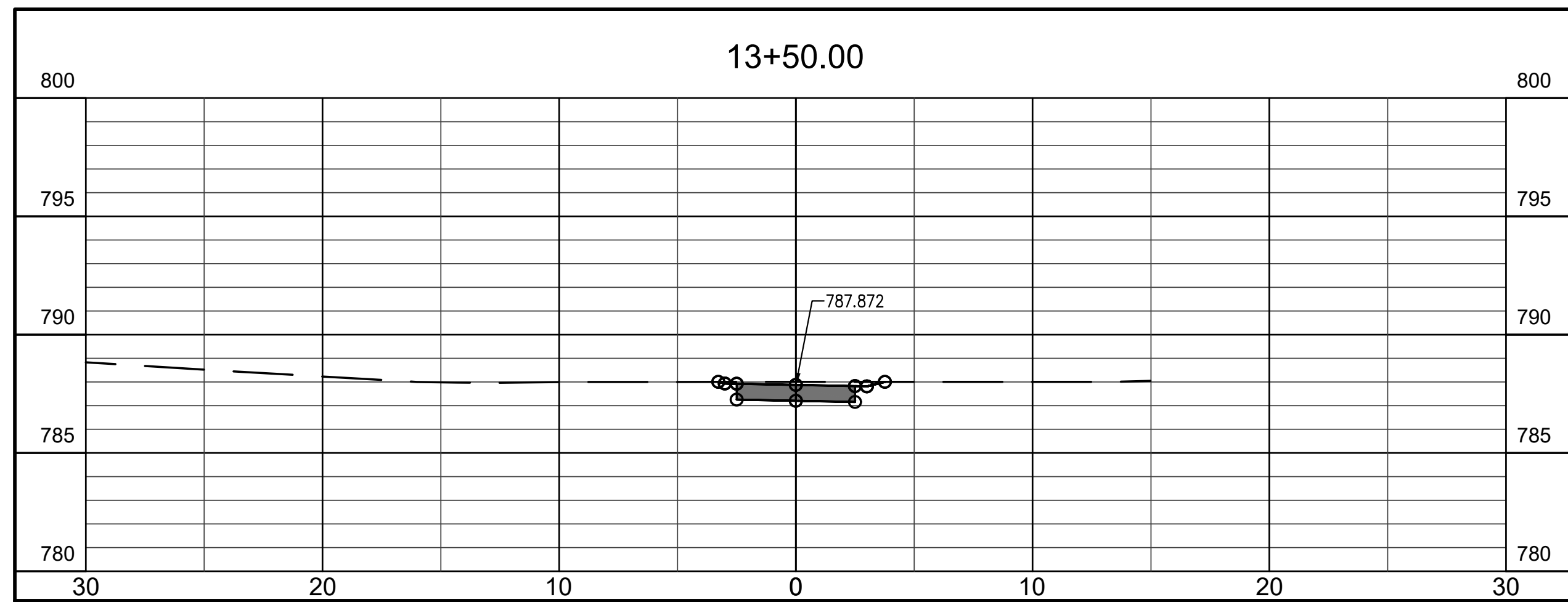


certified by *[Signature]*

**PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
BLOOMINGTON, INDIANA**

title: CROSS SECTIONS
STA 11+11.17 TO
12+50

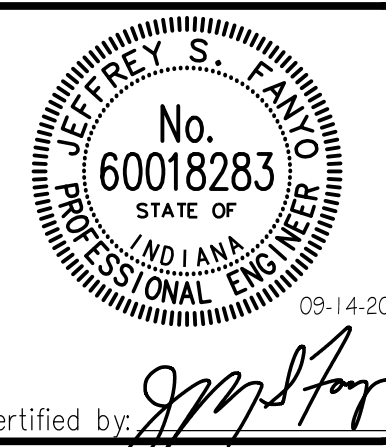
designed by: RLC
drawn by: RLC
checked by: JSF
sheet no: C401
project no.: 401852



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revisions:

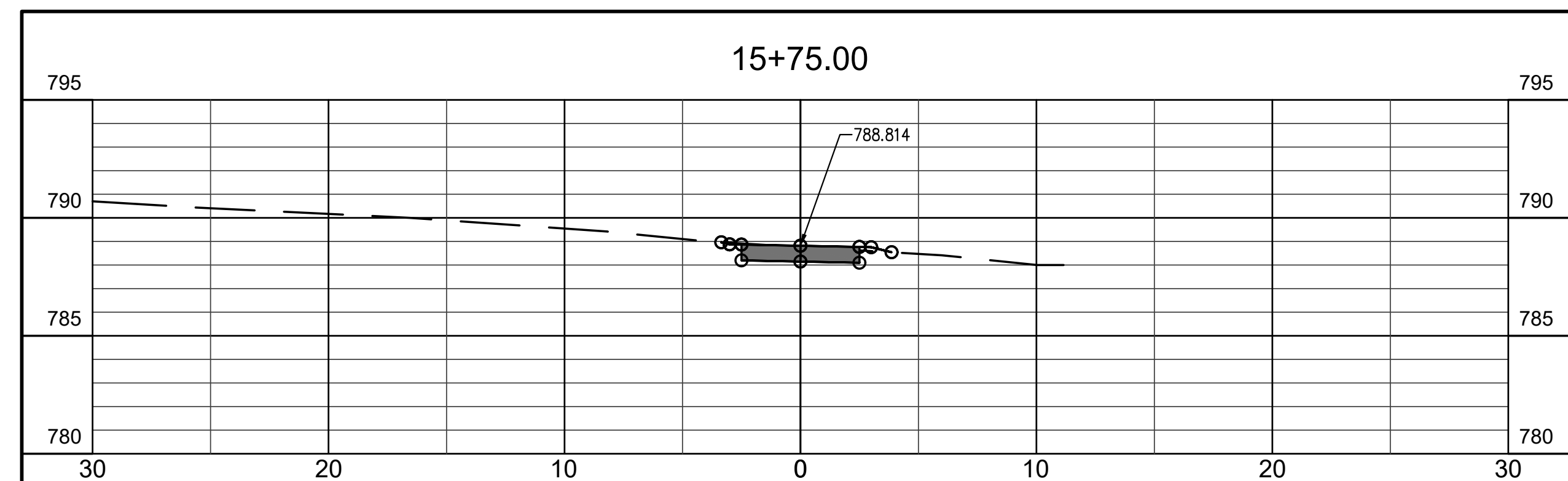
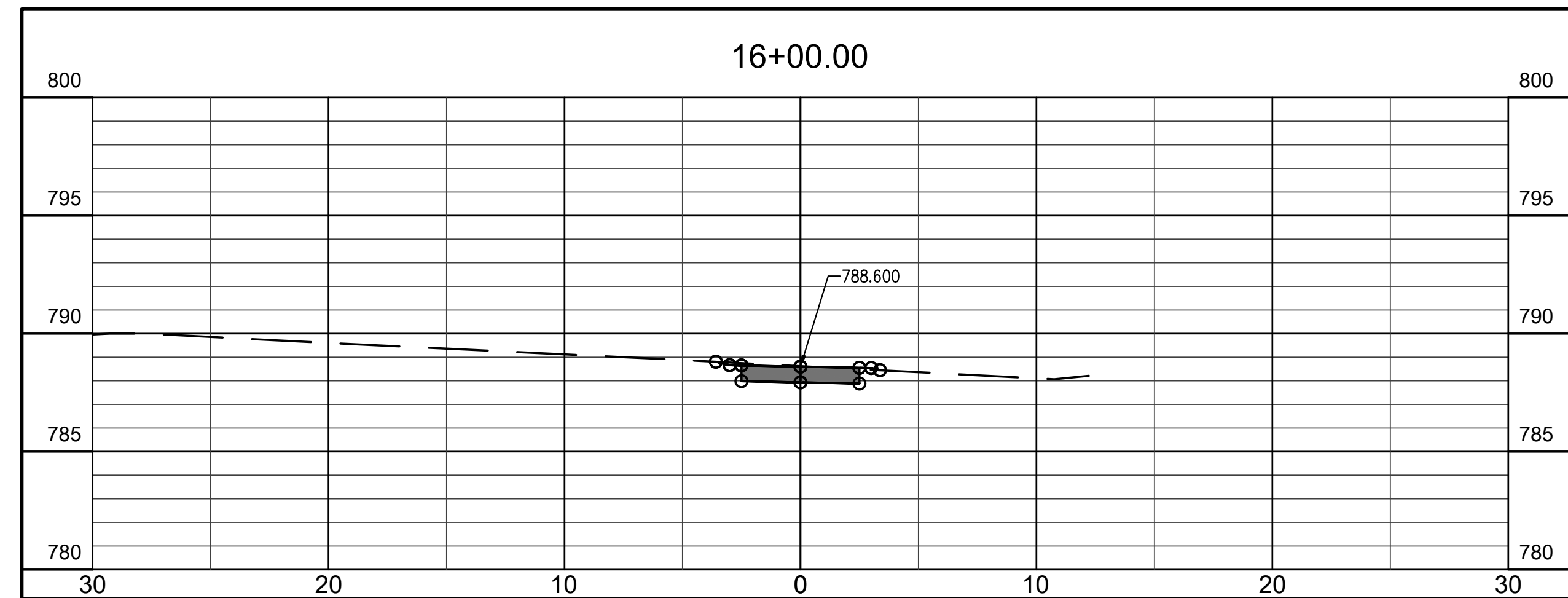
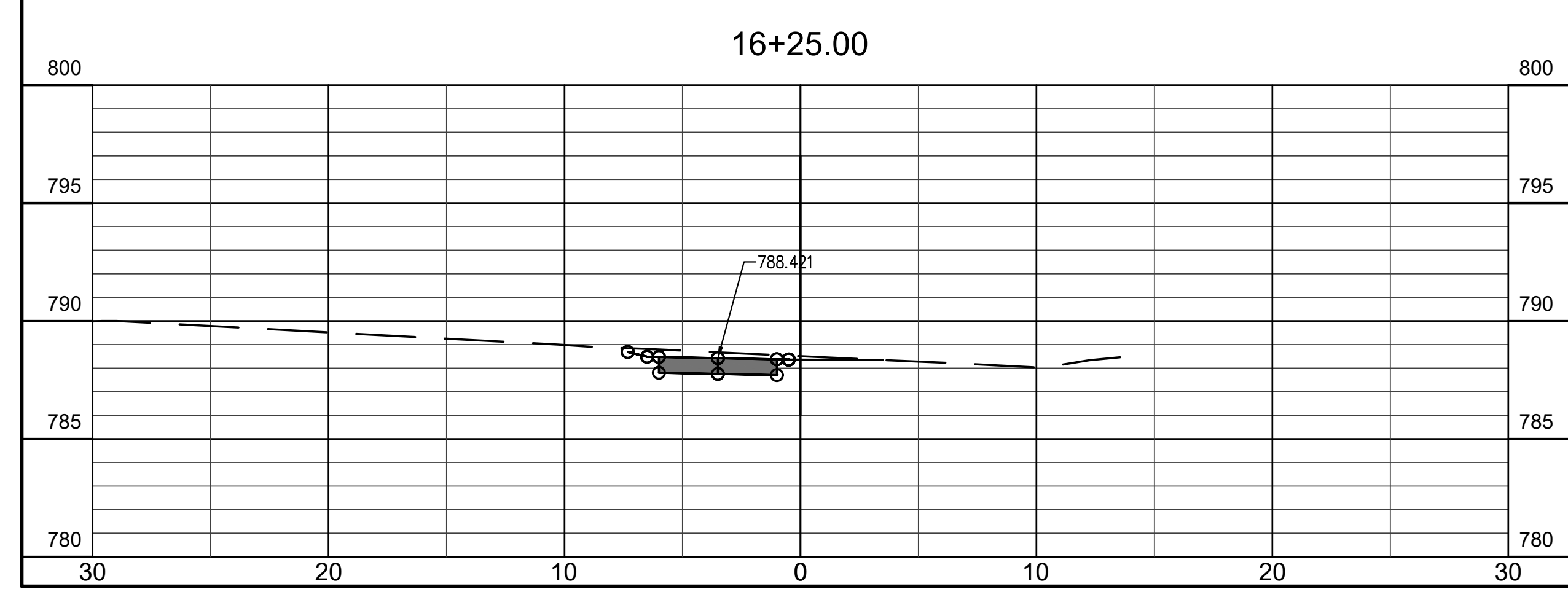
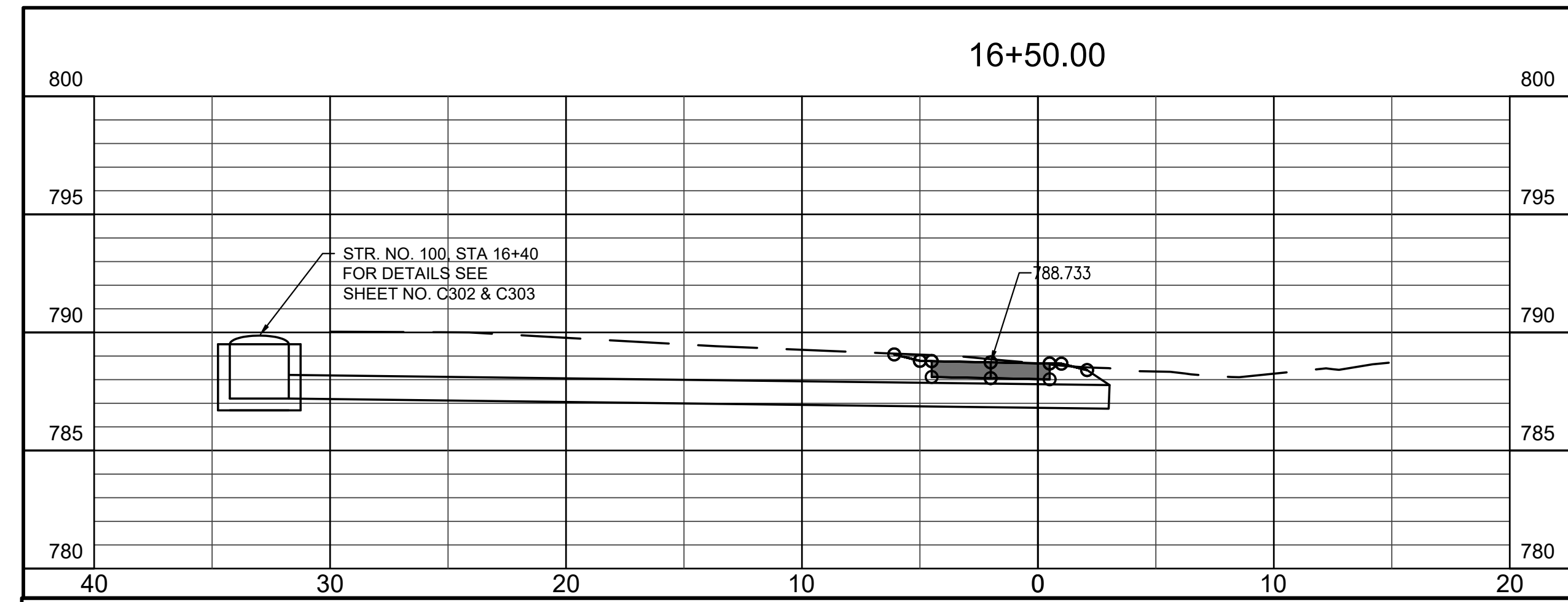
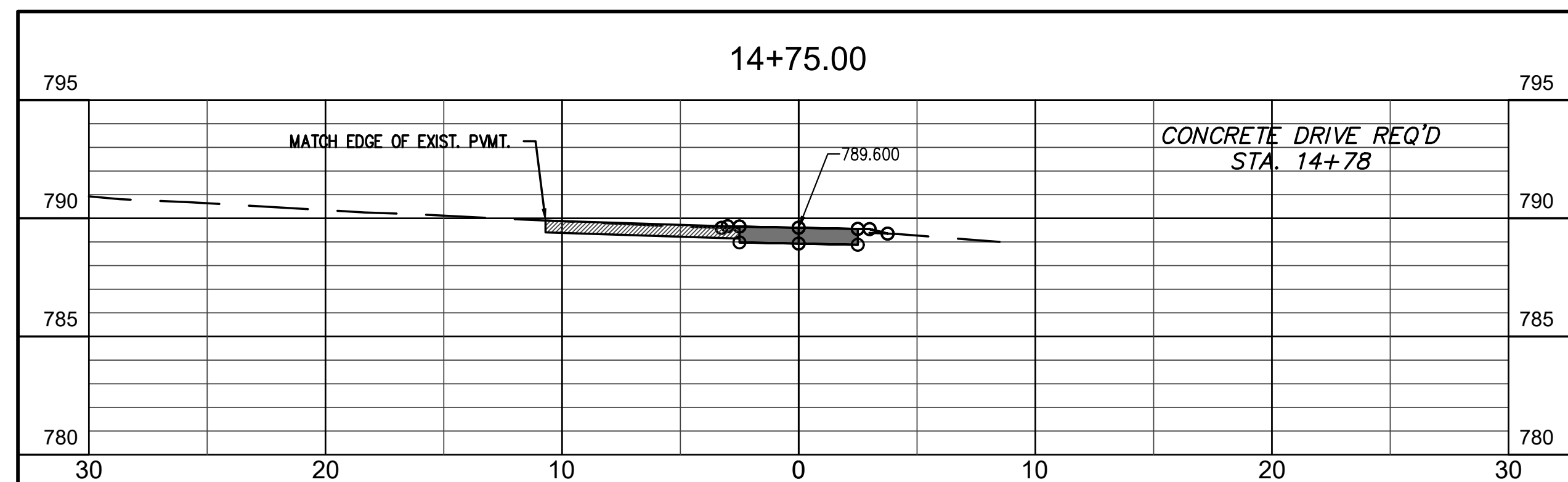
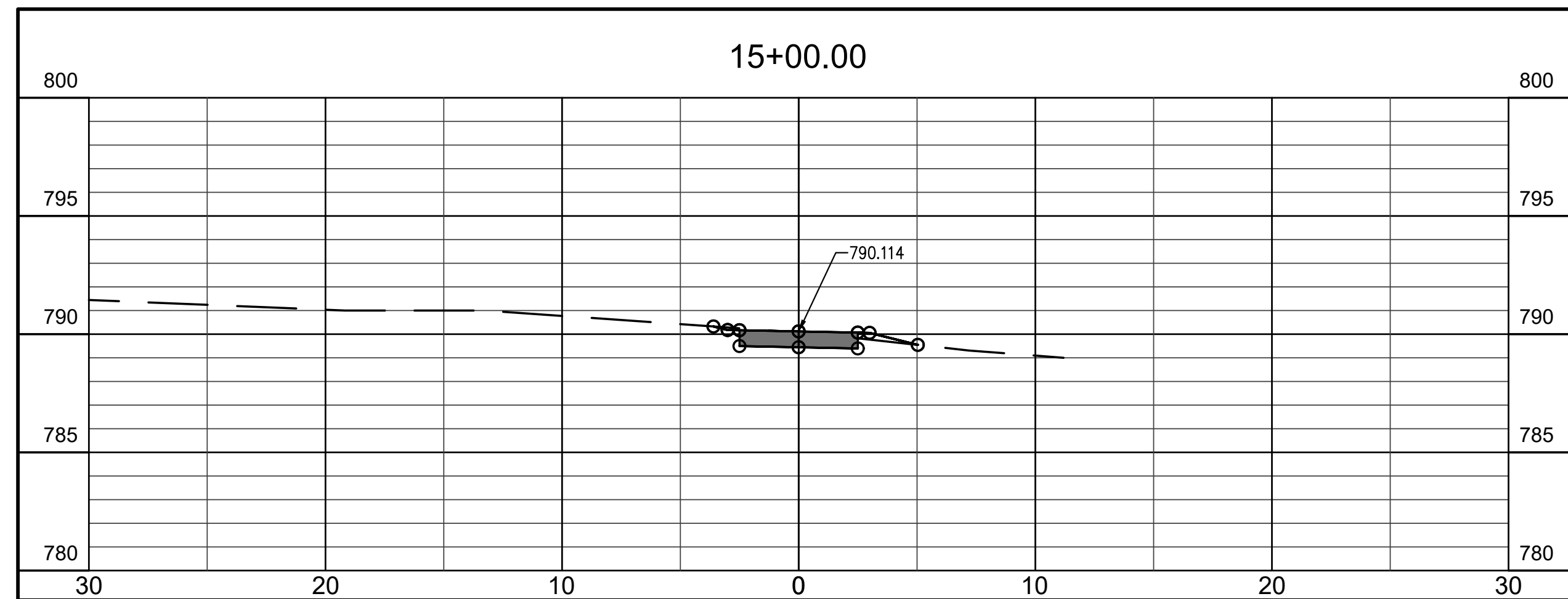
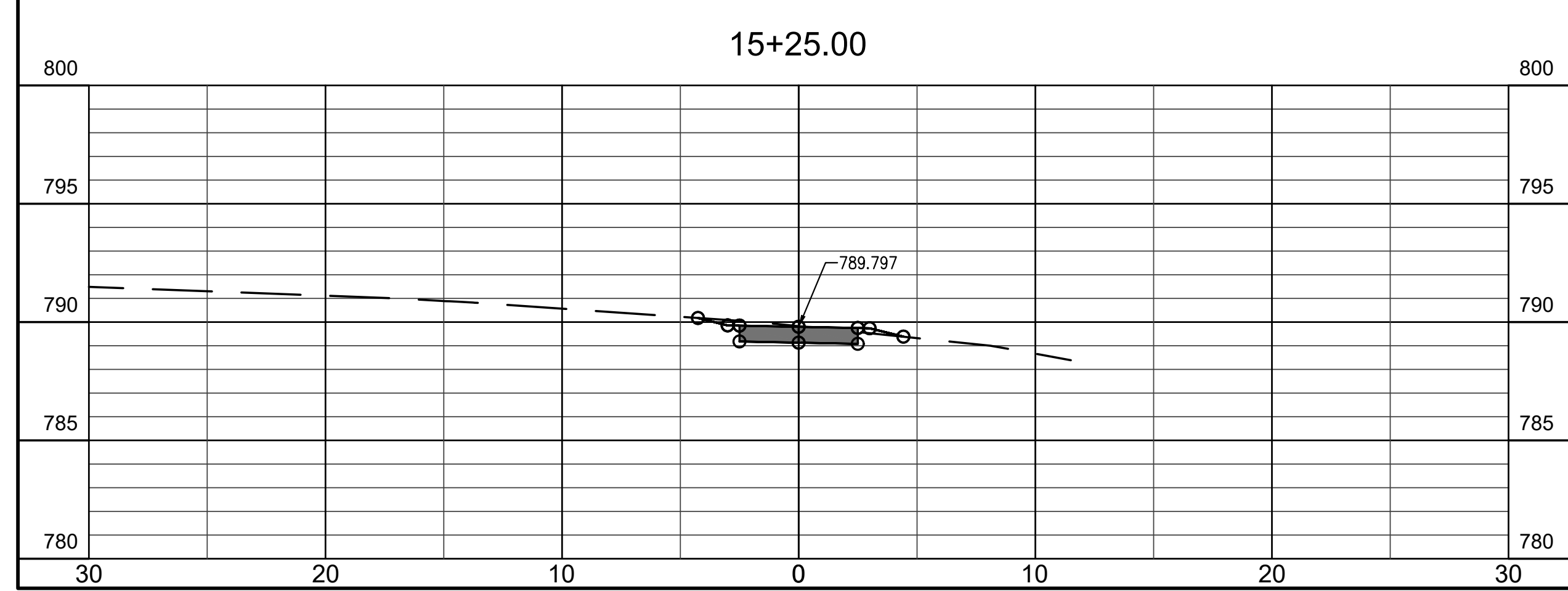
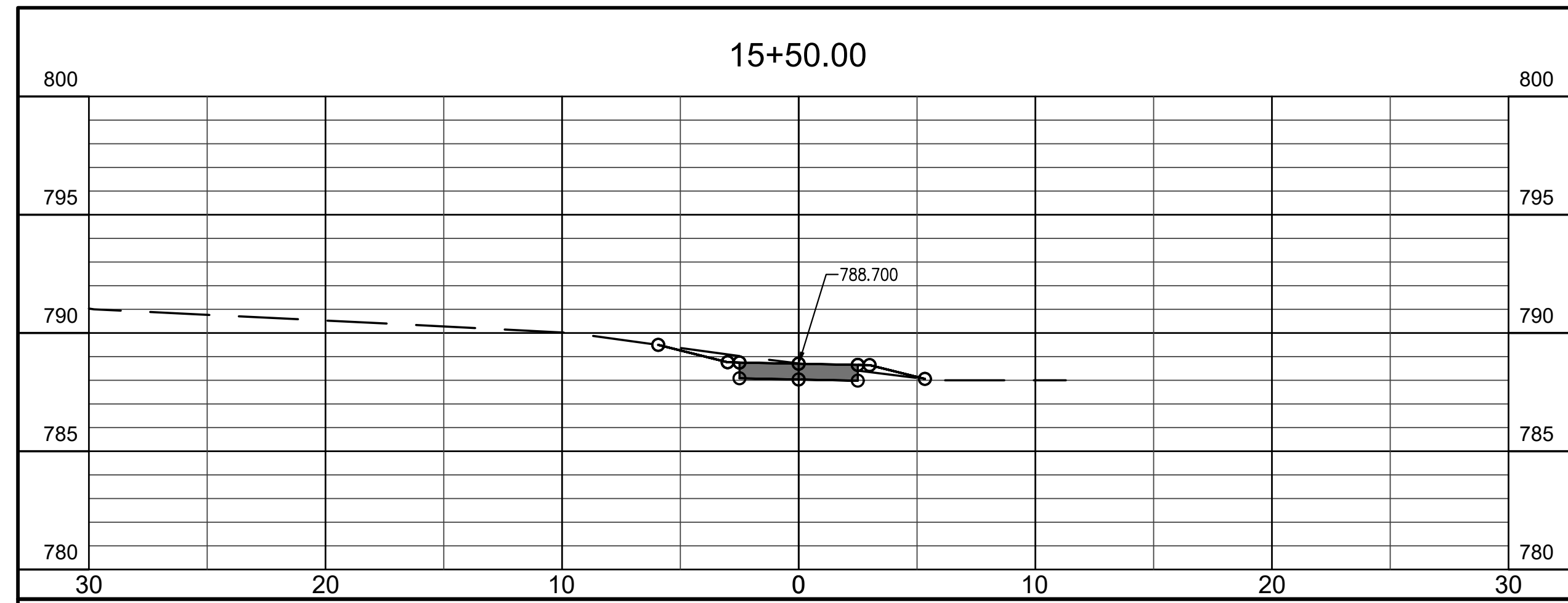
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 bloomington, indiana
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PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
 BLOOMINGTON, INDIANA

title: CROSS SECTION
 STA 12+75 TO
 14+54.10

designed by: RLC
 drawn by: RLC
 checked by: JSF
 sheet no: C402
 project no.: 401852



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revisions:

ARCHITECTURE
 CIVIL ENGINEERING
 PLANNING

BFB
 BYNUM FANYO & ASSOCIATES, INC.
 528 north walnut street
 (812) 332-8030

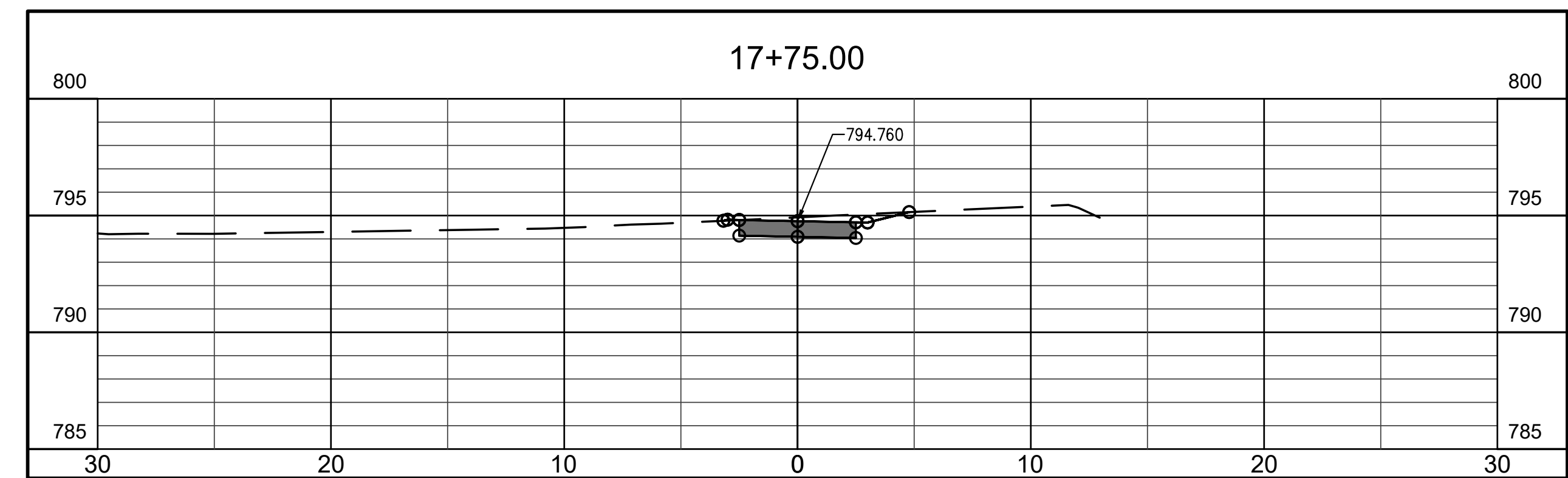
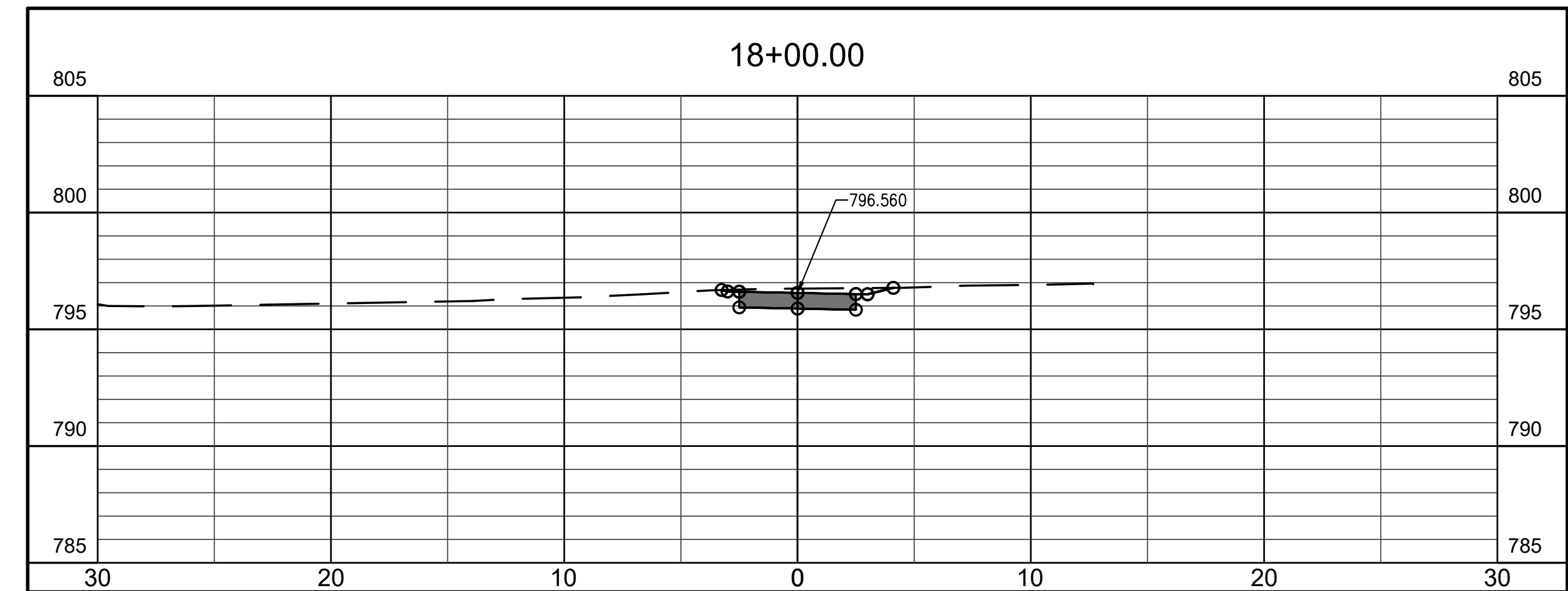
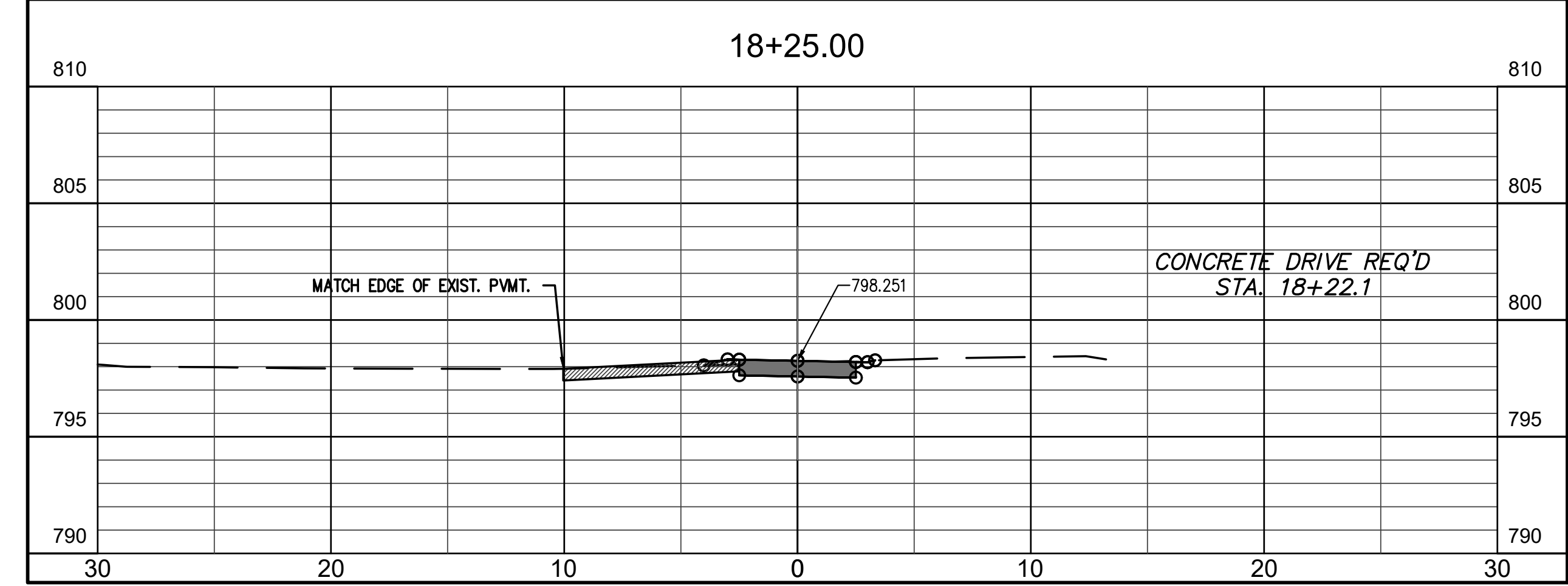
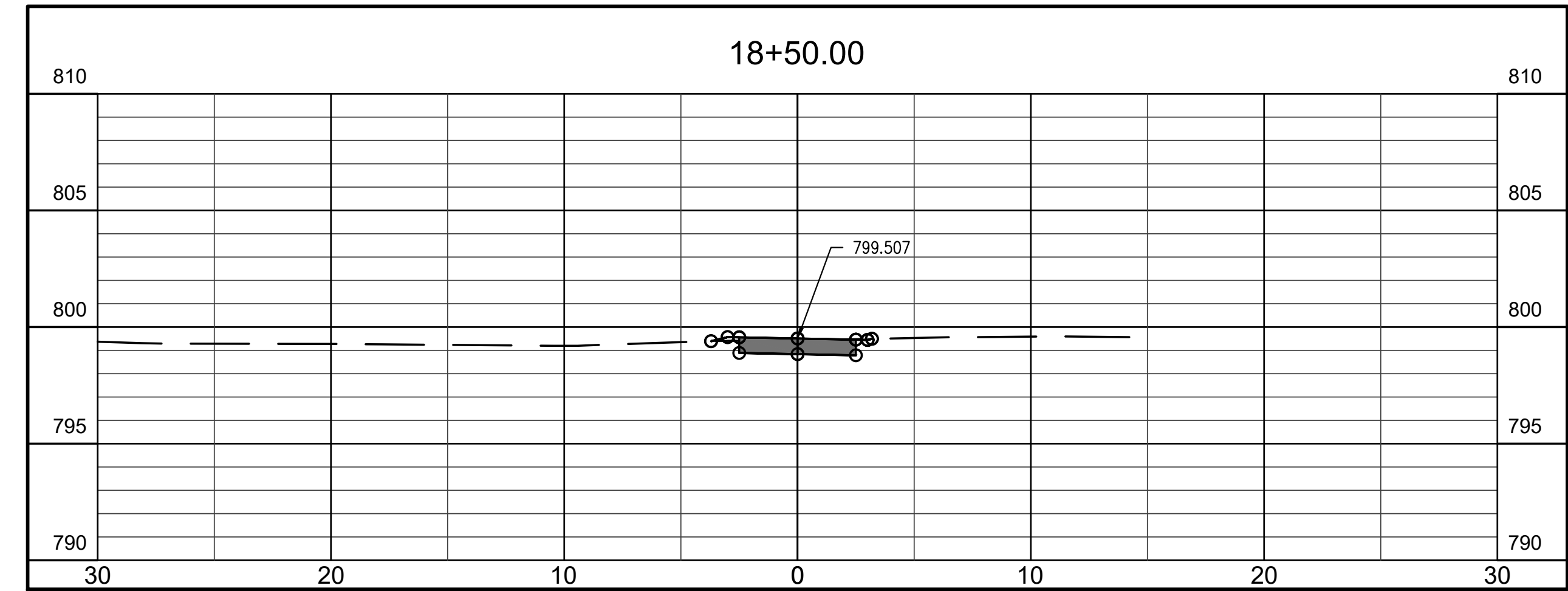
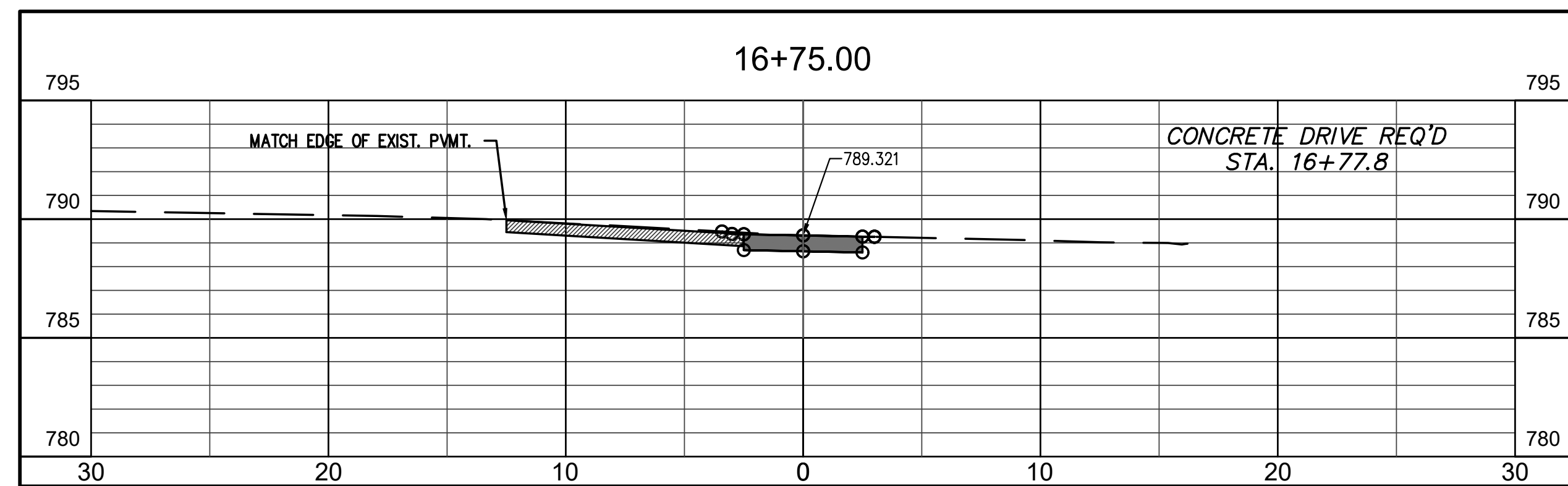
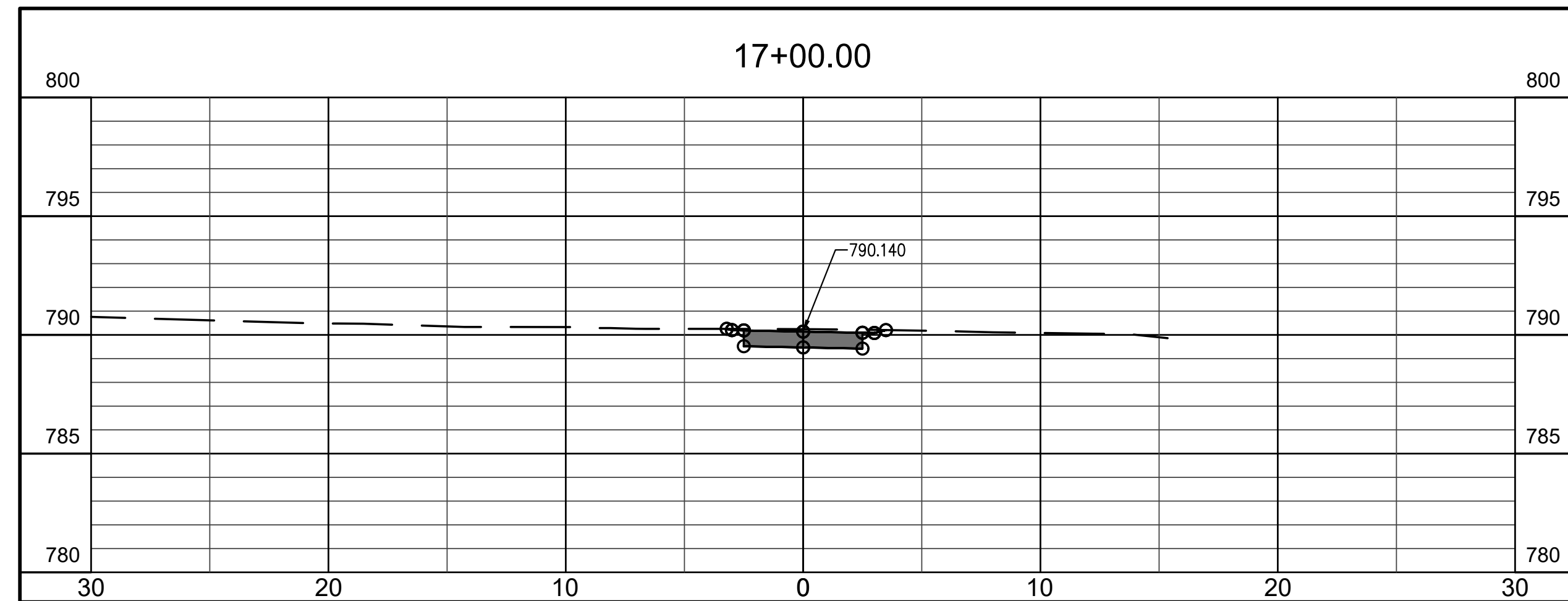
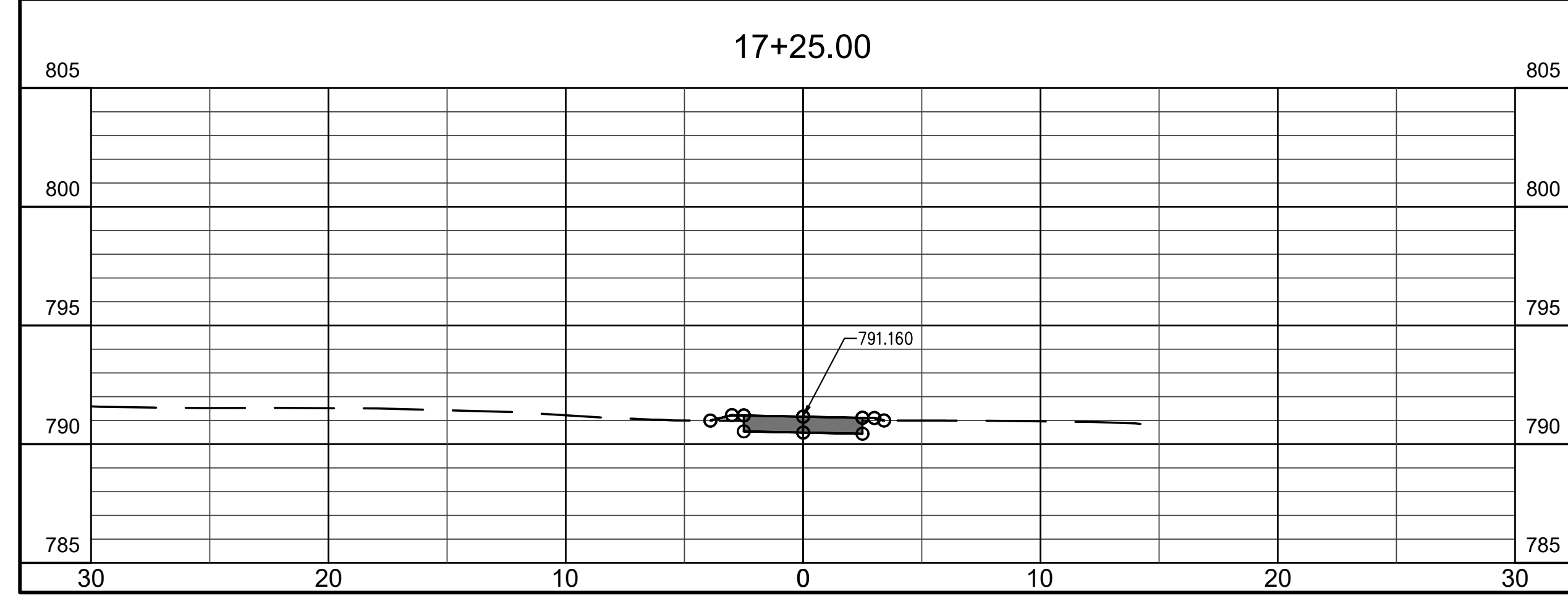
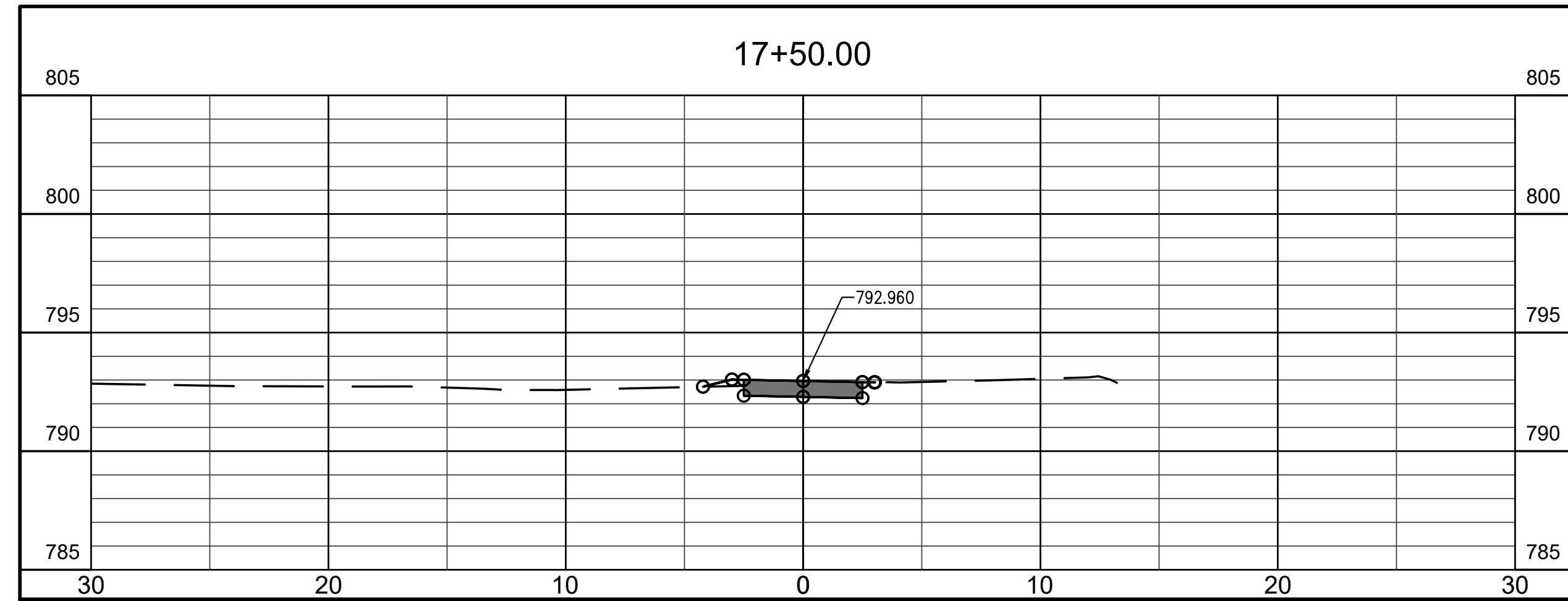


certified by *[Signature]*

**PROPOSED
 MAXWELL STREET SIDEWALK FROM
 SHORT STREET TO MILLER DRIVE
 BLOOMINGTON, INDIANA**

title: CROSS SECTIONS
 STA 14+75 TO 16+50

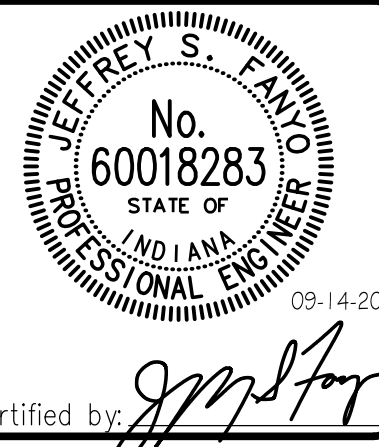
designed by: RLC
 drawn by: RLC
 checked by: JSF
 sheet no: C403
 project no.: 401852



NOTE TO CONTRACTOR
 CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

revisions:

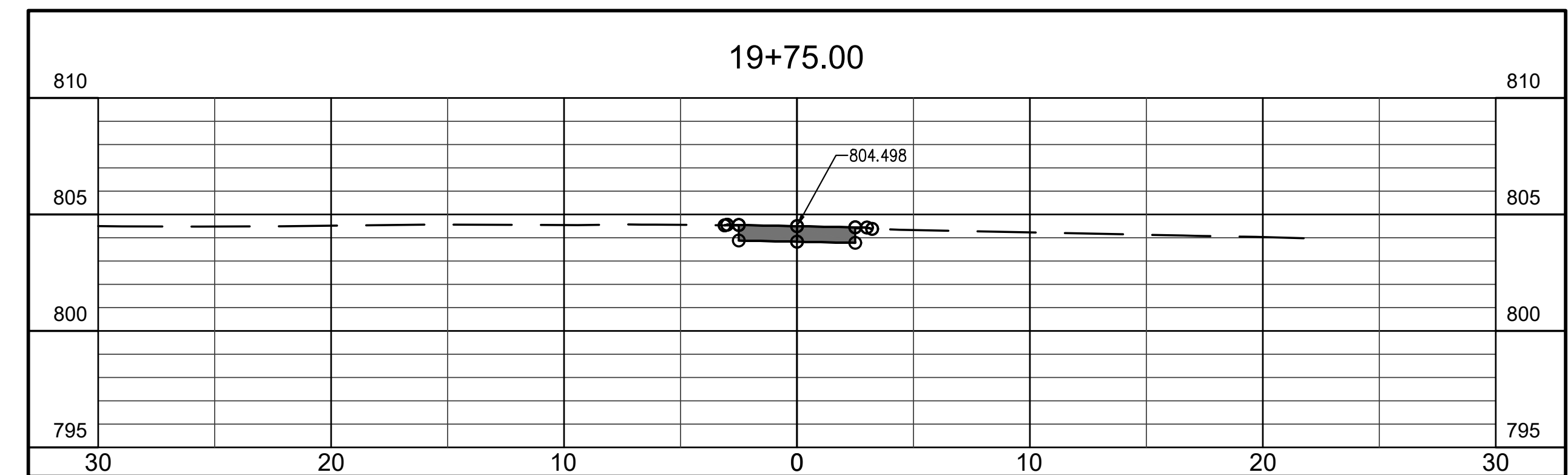
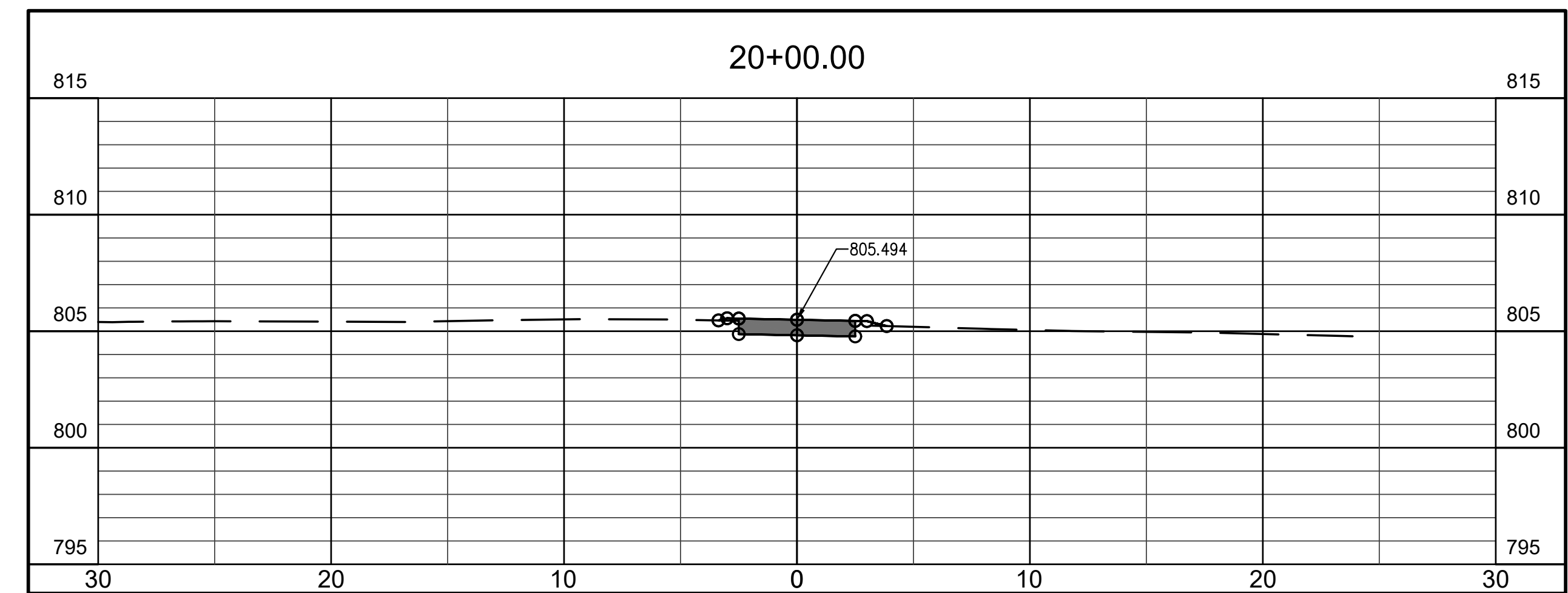
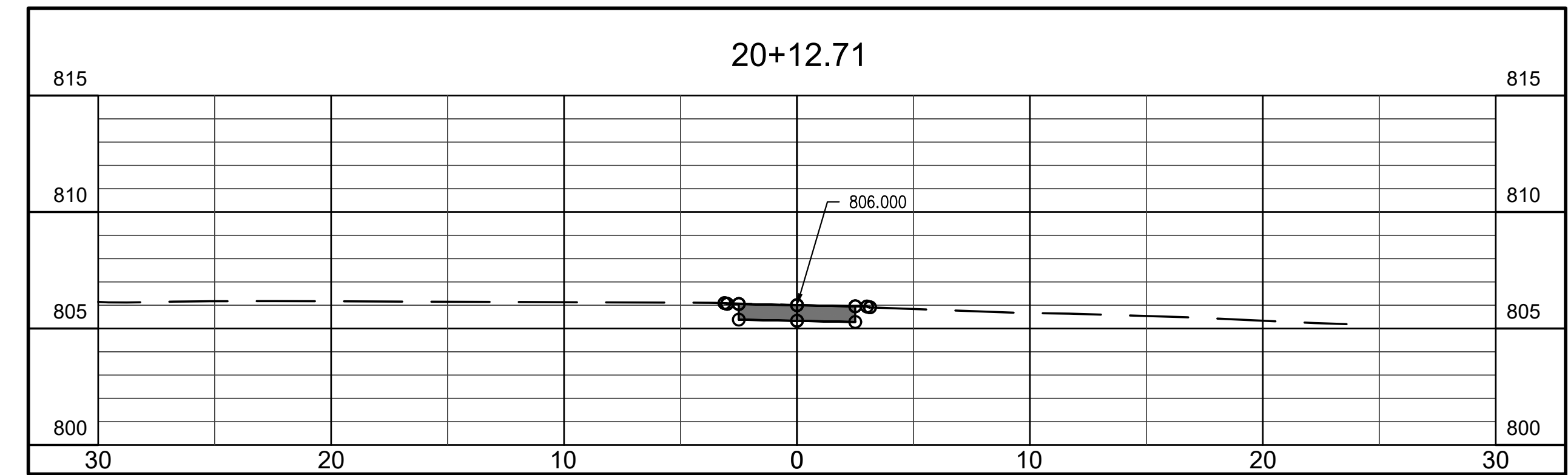
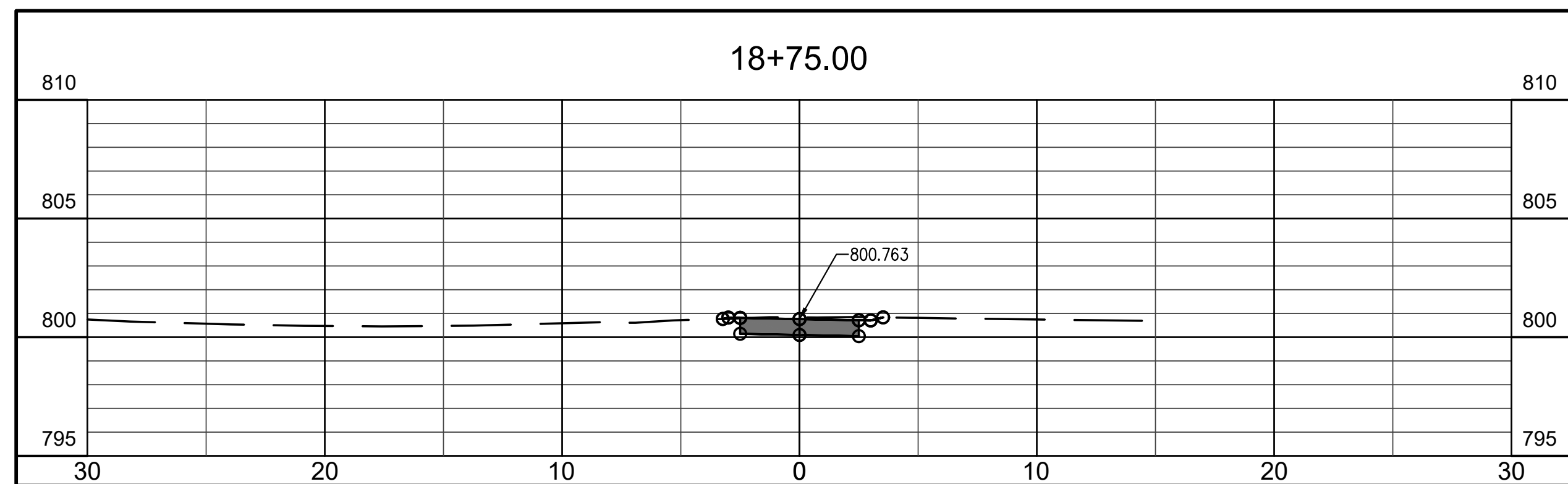
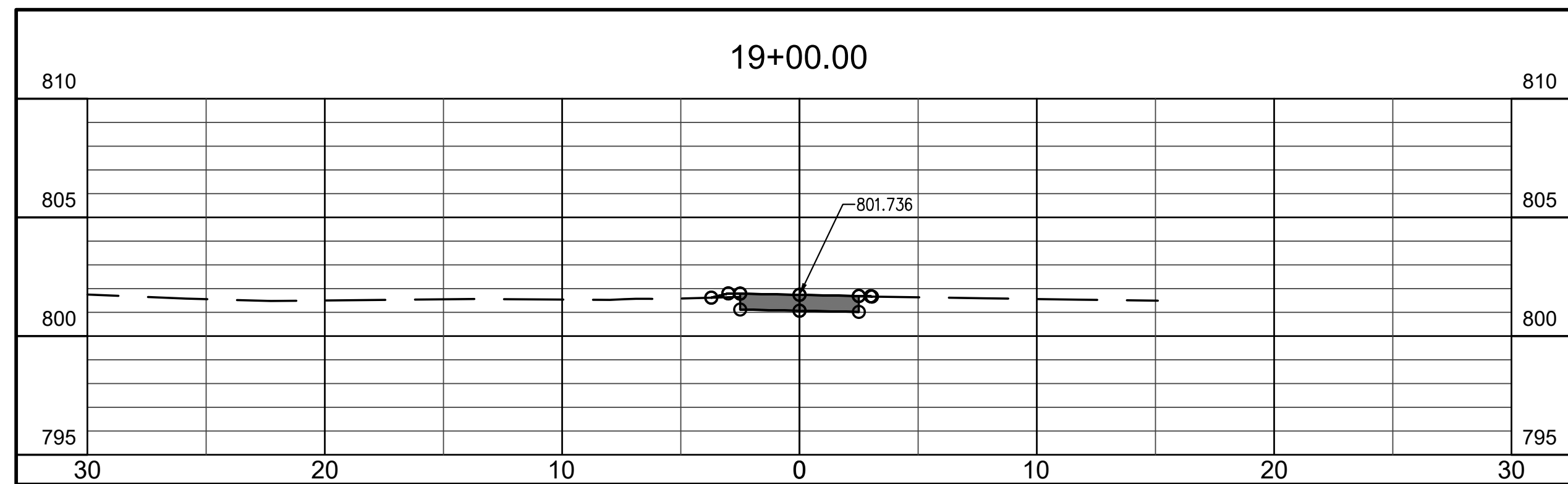
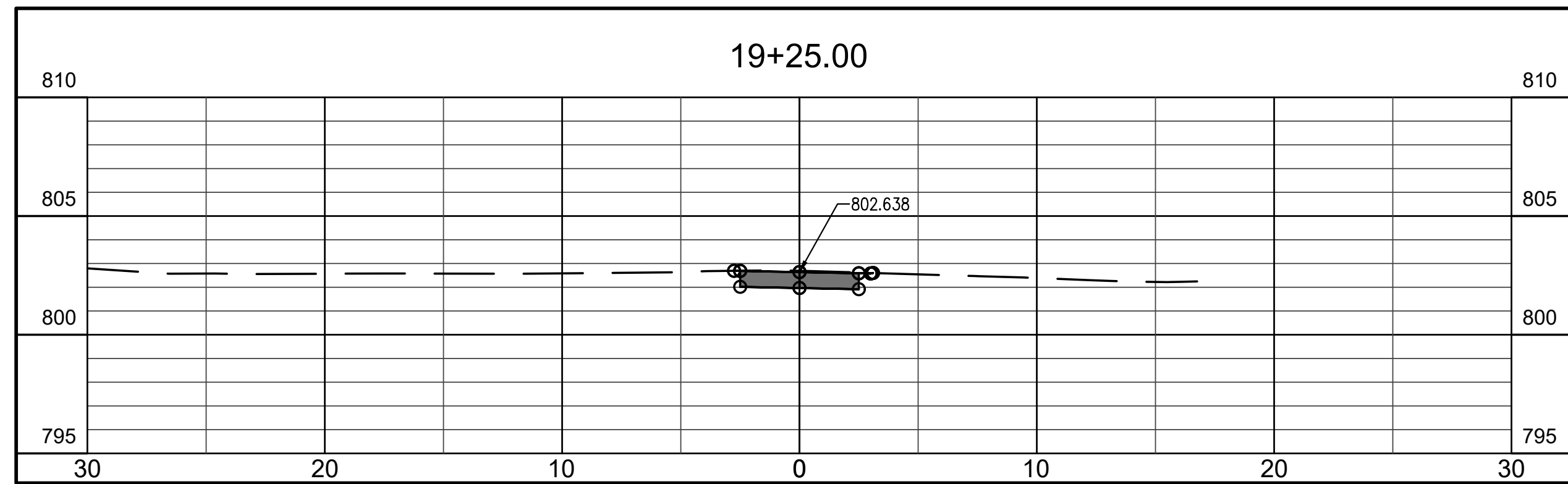
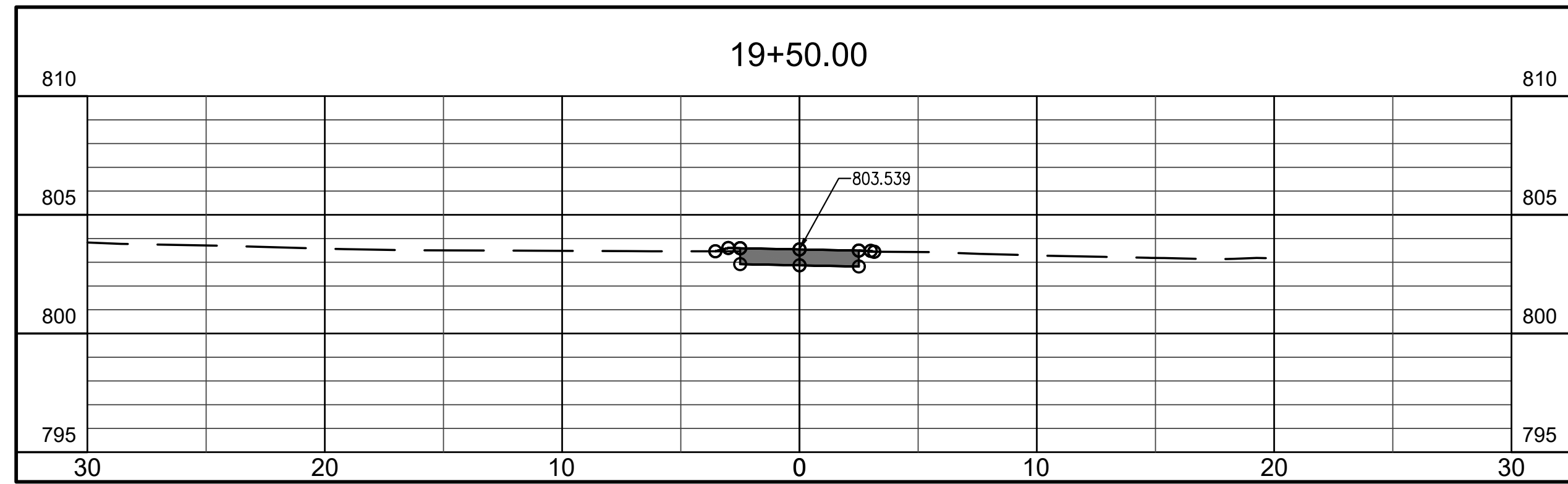
ARCHITECTURE
 CIVIL ENGINEERING
 PLANNING
BBB
 BYNUM FANYO & ASSOCIATES, INC.
 528 north walnut street
 (812) 332-8030
 bloomington, indiana
 (812) 339-2990 (Fax)



certified by *[Signature]*
PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
 BLOOMINGTON, INDIANA

title: CROSS SECTIONS
 STA 16+75 TO 18+50

designed by: RLC
 drawn by: RLC
 checked by: JSF
 sheet no: C404
 project no.: 401852

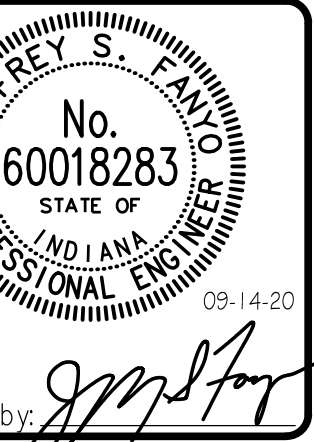


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revisions:

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 PLANNING

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PROPOSED
MAXWELL STREET SIDEWALK FROM
SHORT STREET TO MILLER DRIVE
 BLOOMINGTON, INDIANA

title: CROSS SECTIONS
 STA 18+75 TO
 20+12.71

designed by: RLC
 drawn by: RLC
 checked by: JSF
 sheet no: C405
 project no.: 401852