



**CONSTRUCTION TYPE CODE: 0028**

SUMMARY OF QUANTITIES			
SPEC PROJ	ITEM NO.	DESCRIPTION	QUANTITY
	29101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH 4
	20200100	EARTH EXCAVATION	CU YD 1230
	20400800	FURNISHED EXCAVATION	CU YD 150
	25100430	EROSION CONTROL BLANKET	SQ YD 10940
	29000400	PERIMETER EROSION BARRIER	FOOT 5686
	28000500	INLET AND PIPE PROTECTION	EACH 20
	35101850	AGGREGATE BASE COURSE, TYPE B 9"	SQ YD 5700
	35900150	PREPARATION OF BASE	SQ YD 389
	35900200	AGGREGATE BASE REPAIR	TON 44
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND 21250
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON 60
	40603415	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, N50	TON 995
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 9 INCH	SQ FT 4050
	42400800	DETECTABLE WARNINGS	SQ FT 870
	44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD 358
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD 291
	44000400	GUTTER REMOVAL	FOOT 15
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT 583
	50105220	PIPE CULVERT REMOVAL	FOOT 140
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH 7
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH 1
	54214305	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH 4
	54209485	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT 16
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT 142
	550A0070	STORM SEWER, CLASS A, TYPE 1 15"	FOOT 61
	550A0090	STORM SEWER, CLASS A, TYPE 1 18"	FOOT 260
Δ	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH 1
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH 2
	60903500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 DE	FOOT 41
	60903800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 12"	FOOT 36
	60904400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 18"	FOOT 426
	60905000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 24"	FOOT 64
Δ	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD 100
Δ	66900205	SPECIAL WASTE DISPOSAL	CU YD 100
Δ	66900210	HAZARDOUS WASTE DISPOSAL	CU YD 50
Δ	66900530	SOIL DISPOSAL ANALYSIS	EACH 3
Δ	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM 1
Δ	66901902	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA 40
Δ	66901903	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM 1
Δ	67100100	MOBILIZATION	LSUM 1
Δ	72900100	SIGN PANEL - TYPE 1	SQ FT 178
Δ	72900100	METAL POST - TYPE A	FOOT 646
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT 1392
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT 1336
Δ	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT 37
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT 1854
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT 205
Δ	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT 90
Δ	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT 9
Δ	81029360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA	FOOT 22
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT 501
Δ	87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 4C	FOOT 511
Δ	87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE 1	EACH 2
Δ	87900200	DRILL EXISTING HANDHOLE	EACH 2
Δ	89102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH 2
Δ	89102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH 1
Δ	89800100	PEDESTRIAN PUSH-BUTTON	EACH 4
Δ	89502200	MODIFY EXISTING CONTROLLER	EACH 1
	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT 495
	X0329236	REMOVE EXISTING FLARED END SECTION	EACH 7
	X0324150	SEGMENTAL CONCRETE BLOCK WALL (SPECIAL)	SQ FT 505
	X0327036	BIKE PATH REMOVAL	SQ YD 11
	X0327149	RELOCATE BENCH	EACH 1
	X3400004	RETAINING WALL REMOVAL	FOOT 23
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SG YD 835
	X4402815	ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT 648
Δ	X5091765	PIPE HANDRAIL, SPECIAL	FOOT 166
	X6024242	INLET SPECIAL, NO. 1	EACH 1
	X6024244	INLET SPECIAL, NO. 2	EACH 4
	X7610216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM 1
Δ	X8140115	HANDHOLE TO BE ADJUSTED	EACH 4
	XK005070	PARKWAY RESTORATION	LSUM 1
	XK005021	CONCRETE TRUCK WASHOUT	LSUM 1
	XK008675	PAVEMENT REMOVAL AND REPLACEMENT	SQ YD 131
Δ	Z0081110	GAS VALVE TO BE ADJUSTED	EACH 4
	Z0087126	HANDRAIL REMOVAL	FOOT 33

Δ SPECIALTY ITEMS

**GENERAL CONSTRUCTION NOTES:**

- IN THESE CONTRACT DOCUMENTS MENTION IS MADE TO THE "ENGINEER", WHICH SHALL VILLAGE OF ROCKTON AUTHORIZED AGENT, THE TERMS OWNER, VILLAGE OF ROCKTON AND ROCKTON DEPARTMENT OF PUBLIC WORKS AS USED IN THE PLANS AND CONTRACT DOCUMENTS ARE EQUIVALENT AND CAN BE INTERCHANGED AS APPROPRIATE.
- ALL WORK SHALL BE PERFORMED UTILIZING MATERIALS AND METHODS IN STRICT ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION AND THE STANDARD DETAIL SHEETS ATTACHED, WHERE THERE IS A CONFLICT BETWEEN THE TWO, THE STANDARD DETAIL SHEETS SHALL GOVERN. WHEN SPECIAL PROVISIONS ARE SUPPLIED ALONG WITH THE PLANS THEY SHALL TAKE PRECEDENCE IN THE CASE OF A CONFLICT WITH THE STANDARD SPECIFICATIONS. ALL MUNICIPAL AGENCIES AND PUBLIC WORKS DEPARTMENT REQUIREMENTS AND STANDARDS SHALL ALSO BE STRICTLY ADHERED TO.
- ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR WITH ALL AFFECTED UTILITY COMPANIES PRIOR TO INITIATING CONSTRUCTION OPERATIONS. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE ACCURACY, SUFFICIENCY OR EXACTNESS OF THESE UTILITY REPRESENTATIONS. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE OFFICE OF J.U.L.L.E. AT 1-800-892-0123 FOR EXACT FIELD LOCATIONS OF ALL UTILITIES IN THE PROXIMITY OF THE PROJECT SITE. IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.L.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND REQUESTING SAID UTILITIES TO FIELD VERIFY AND MARK PERTINENT UTILITY LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF UTILITIES TO ELIMINATE CONFLICTS BETWEEN MUNICIPAL UTILITIES AND GAS MAINS, GAS SERVICES, ELECTRIC SERVICE, POWER POLE PLACEMENT, TELEPHONE SERVICE, AND CABLE TV SERVICE.
- THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, PERMANENT SURFACE, LANDSCAPING, ETC., DAMAGED DURING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE OWNER, PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT, THE CONTRACTOR SHALL PRESENT THE OWNER WITH A SIGNOFF LETTER, SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED PROPERTY STATING THAT THE REPAIR IS ACCEPTABLE. ANY DAMAGE OUTSIDE THE SCOPE OF THIS PROJECT TO EXISTING PROPERTY, RIGHTS-OF-WAY, VALVES, MANHOLES, UTILITIES, SIDEWALK, PAVEMENT, CONCRETE CURB AND GUTTER, OR OTHER STRUCTURES SHALL BE REPAIRED OR REPLACED WITH EQUALS WITHOUT COST TO THE OWNER.
- FINAL INSPECTION OF THE WORK PERFORMED HEREIN WILL BE DONE BY IDOT WITH THE VILLAGE OF ROCKTON. ALL DEFICIENCIES NOTED AT THAT TIME SHALL BE CORRECTED BY THE CONTRACTOR WITHOUT COST TO THE OWNER PRIOR TO FINAL PAYMENT. THE VILLAGE OF ROCKTON OR THEIR AGENT SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE CONSTRUCTION OR IMPROVEMENTS DETAILED BY THESE PLANS AND SPECIFICATIONS. ALL WORK SHALL BE GUARANTEED WITH REGARD TO WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL APPROVAL. DEFECTS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 30 DAYS OF REQUEST FOR REPAIR.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE VILLAGE OF ROCKTON AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION IN ORDER TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION. WORK PERFORMED OR MATERIALS AND EQUIPMENT INSTALLED WITHOUT INSPECTION WILL BE CONSIDERED UNACCEPTABLE, AND MAY HAVE TO BE REPLACED AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL BE PAID FOR MATERIALS AND EQUIPMENT SUCCESSFULLY INSTALLED AS MEASURED IN PLACE BY THE ENGINEER OR HIS AGENT. THE CONTRACTOR IS TO VERIFY ALL PLAN AND ACTUAL QUANTITIES AND NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST.
- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND HIS AGENTS, THE ENGINEER AND HIS AGENTS, THE VILLAGE OF ROCKTON AND THEIR AGENTS, ETC., FROM ALL LIABILITY WITH THE CONSTRUCTION, INSTALLATION AND TESTING OF THE WORK ON THIS PROJECT. NO WORK SHALL BEGIN UNTIL THE CERTIFICATE OF INSURANCE IS FILED WITH THE OWNER. ALL COSTS OF INSURANCE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- RESTORATION OF EXISTING ROADWAYS AND RIGHTS-OF-WAY ARE CONSIDERED INCIDENTAL TO THIS CONTRACT WHERE NOT SPECIFICALLY CALLED OUT ON THE PLANS, AND SHOULD BE INCLUDED IN THE COST OF THE IMPROVEMENTS.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE VILLAGE OF ROCKTON. THE CONSTRUCTION DETAILS AS PRESENTED ON THE PLANS SHALL BE FOLLOWED BY THE CONTRACTOR. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING IMPROVEMENTS INDICATED ON THE ENGINEERING PLAN. EXTREME CAUTION MUST BE FOLLOWED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES. CONTRACTORS ARE ADVISED THAT ALL MUD AND DEBRIS MUST BE CLEANED FROM ROADWAYS DAILY AS PER THE REQUIREMENTS OF THE VILLAGE OF ROCKTON.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH ALL STATE, FEDERAL AND LOCAL CODES (TO INCLUDE SAFETY CODES). THE ENGINEER AND THE VILLAGE OF ROCKTON ARE NOT RESPONSIBLE FOR ENSURING COMPLIANCE BY THE CONTRACTOR WITH SAID CODES, AND ASSUMES NO LIABILITY FOR ACCIDENTS, INJURIES, DEATHS, ETC., OR CLAIMS RELATING THERETO WHICH MAY RESULT FROM LACK OF ADHERENCE TO SAID CODES.
- IMPROVEMENT REPRESENTATIONS SHOWN IN THESE PLANS ARE AS ACCURATE AS POSSIBLE FROM INFORMATION AVAILABLE. SOME SLIGHT REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES. THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME TO PROPERLY CONSIDER AND ACT UPON SAID REQUEST.
- AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT QUANTITIES AS SHOWN IN THESE PLANS ARE ESSENTIALLY CORRECT; IF DISCREPANCIES OR ERRORS ARE DETECTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE ERROR PRIOR TO THE BID DATE.
- NO PAYMENT SHALL BE MADE FOR ANY WORK OTHER THAN THAT LISTED IN THE SUMMARY OF QUANTITIES. ALL ITEMS OF WORK NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE BID PRICE FOR ITEMS AS LISTED IN THE SUMMARY OF QUANTITIES. FINAL MEASUREMENTS FOR PAYMENT SHALL BE MADE BY THE ENGINEER.
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF SECTION 107 AND 700 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITIONS. TRAFFIC CONTROL AND PROTECTION SHALL BE PROVIDED AS CALLED FOR IN THE SPECIAL PROVISIONS, ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. NO MODIFICATIONS OF THESE REQUIREMENTS SHALL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- A PRE-CONSTRUCTION CONFERENCE FOR REPRESENTATIVES OF THE VILLAGE OF ROCKTON AND THE CONTRACTOR WILL BE HELD BEFORE THE CONTRACTOR PROCEEDS WITH CONSTRUCTION. THIS CONFERENCE SHALL ESTABLISH PROCEDURES FOR HANDLING SHOP DRAWINGS AND OTHER SUBMITTALS, DETERMINE SCHEDULING, AND ESTABLISH A WORKING UNDERSTANDING AMONG THE PARTIES AS TO THE CONTRACT WORK.
- THE CONTRACTOR SHALL, UPON COMPLETION OF ALL CONSTRUCTION WORK INCLUDED IN THE PLANS FOR THIS PROJECT, PROVIDE A WRITTEN STATEMENT TO THE OWNER THAT ALL MATERIALS AND WORKMANSHIP INCORPORATED INTO THE PROJECT CONFORM TO THE APPROVED PLANS AND SPECIFICATIONS. COPIES OF ALL DELIVERY TICKETS FOR MATERIALS USED IN THIS PROJECT SHALL BE SUBMITTED TO THE ENGINEER WITH THE STATEMENT REQUIRED ABOVE. COPIES OF THE RESULTS OF ALL TESTS REQUIRED FOR THIS PROJECT SHALL BE DELIVERED TO THE ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO SUBSTANTIATE DEPTH OF BURY FOR WATERMAIN, AND BASE COURSE AND PAVEMENT THICKNESSES. CORE-DRILLING MAY BE REQUIRED TO VERIFY THESE THICKNESSES AT THE ENGINEER'S DISCRETION. COSTS ASSOCIATED WITH THE VERIFICATION OF PROPER CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR, WITH NO EXPENSE TO THE OWNER OR HIS AGENTS.
- CONTRACTOR SHALL CALL KRISTIE NYDEREK (815) 284-5489 AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION FOR LOCATES ON HIGHWAY LIGHTING EAST OF QUAIL TRAIL.

**ROADWAY CONSTRUCTION:**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ANY EXISTING STREET AND TRAFFIC SIGNS AND POLES NOT INDICATED FOR REMOVAL OR RELOCATION. COST OF THIS WORK IS INCIDENTAL TO THE CONSTRUCTION.
- SAWCUTTING SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING REMOVED.
- DEPRESSED (HANDICAPPED) CURBS ARE REQUIRED AT ALL LOCATIONS WHERE THE PROPOSED PATH INTERSECTS CURB AND GUTTER AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT STANDARD 606001.
- THE SUBGRADE SHALL BE TEST-ROLLED IN THE PRESENCE OF THE VILLAGE OF ROCKTON PRIOR TO PLACEMENT OF THE AGGREGATE BASE COURSE. LIKEWISE, THE BASE COURSE SHALL BE TEST-ROLLED IN THE PRESENCE OF THE VILLAGE OF ROCKTON PRIOR TO PAVING. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF ROCKTON 48 HOURS PRIOR TO ANY TESTS. PROOF-ROLLING SHALL BE PERFORMED WITH A FULLY LOADED 31K WHEELER.
- THE COST OF BACKFILLING THE CURB AND GUTTER IS INCIDENTAL TO THE UNIT PRICE BID PER LINEAL FOOT OF CURB AND GUTTER, OF THE TYPE SPECIFIED.

**UTILITY CONSTRUCTION:**

- ALL SANITARY SEWER AND WATERMAIN WORK SHALL BE PERFORMED USING METHODS AND MATERIALS IN STRICT ACCORDANCE WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" AS WELL AS THE STANDARDS OF THE VILLAGE OF ROCKTON. ALL SANITARY AND WATER DEPARTMENTS SHALL BE CONTACTED BY CONTRACTOR TO ENSURE COMPLIANCE WITH STANDARDS.
- SHOULD EXISTING UTILITIES OR STRUCTURES INTERFERE WITH THE PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING THESE FACILITIES AT HIS EXPENSE TO ACCOMMODATE NEW CONSTRUCTION; SIGNOFF LETTERS WILL BE REQUIRED.
- APPROVED TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED IN THE CONTRACT DOCUMENTS IN ALL UTILITY TRENCHES WITHIN 2 FEET BEYOND PERMANENT SURFACES. ALL OTHER UTILITY TRENCHES SHALL BE BACKFILLED WITH EXISTING MATERIALS AS APPROVED BY THE ENGINEER. SHOULD UNSUITABLE BACKFILL MATERIALS BE ENCOUNTERED, THE CONTRACTOR SHALL SUBSTITUTE APPROVED MATERIALS AT NO ADDITIONAL COST. COMPACTION BY WATER-JETTING SHALL NOT BE ALLOWED.
- ALL VALVE BOXES, VAULTS, STRUCTURES, MANHOLES, FRAMES, OR OTHER STRUCTURES REQUIRING ADJUSTMENT SHALL BE ADJUSTED TO FINAL GRADES AS DETERMINED ACCEPTABLE BY THE VILLAGE OF ROCKTON, COST TO BE INCIDENTAL TO EARTH EXCAVATION UNLESS THE ITEM IS SPECIFICALLY CALLED OUT IN THE QUANTITIES. THE MAXIMUM ADJUSTMENT FOR ANY UTILITY STRUCTURE WITH ADJUSTING RINGS IS 12", UNLESS OTHERWISE SPECIFIED BY THE ENGINEER AND THE UTILITY OWNER. ANY ADJUSTMENT OVER 12" MUST INCORPORATE ADDITIONAL BARREL SECTIONS FOR THE MANHOLE, VAULT, ETC.
- ALL MANHOLE AND CLEANOUT LIDS SHALL BE APPROPRIATELY MARKED WITH "SANITARY" FOR SANITARY SEWERS, "STORM" FOR STORM SEWERS, AND "WATER" FOR VALVE VAULTS, UNLESS OTHER WRITTEN DIRECTION IS GIVEN BY THE VILLAGE OF ROCKTON.
- PRECAST REINFORCED STORM SEWER PIPE SHALL CONFORM TO A.S.T.M. C-76 (CLASS IV) WITH JOINTS CONFORMING TO A.S.T.M. C-443 (O-RING GASKET IS REQUIRED WHERE WATER MAIN PROTECTION IS REQUIRED). WHERE NOTED ON THE PLANS, STORM SEWER SHALL BE CONSTRUCTED WITH WATER MAIN EQUIVALENT PIPE AWWA C909, AWWA C900, OR AWWA C905.
- STORM SEWER PIPE SHALL BE BEDDED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS; COST OF BEDDING IS INCIDENTAL.
- MINIMUM HORIZONTAL AND VERTICAL SEPARATIONS BETWEEN ANY WATER MAIN OR SERVICE AND ANY EXISTING OR PROPOSED SEWER SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" (LATEST EDITION).

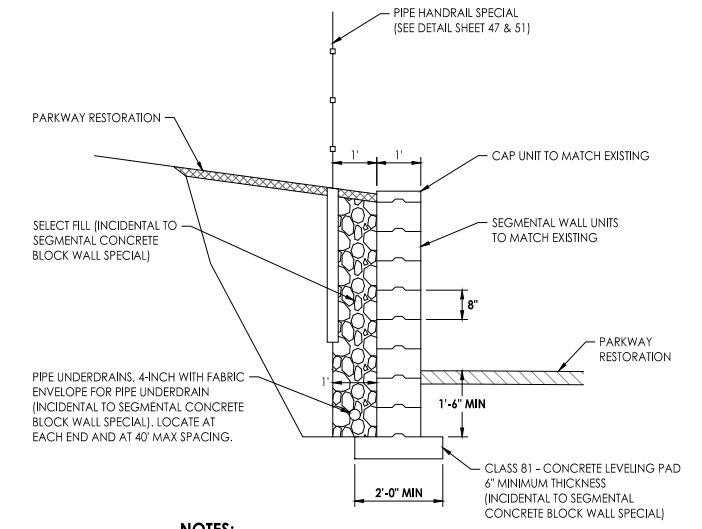
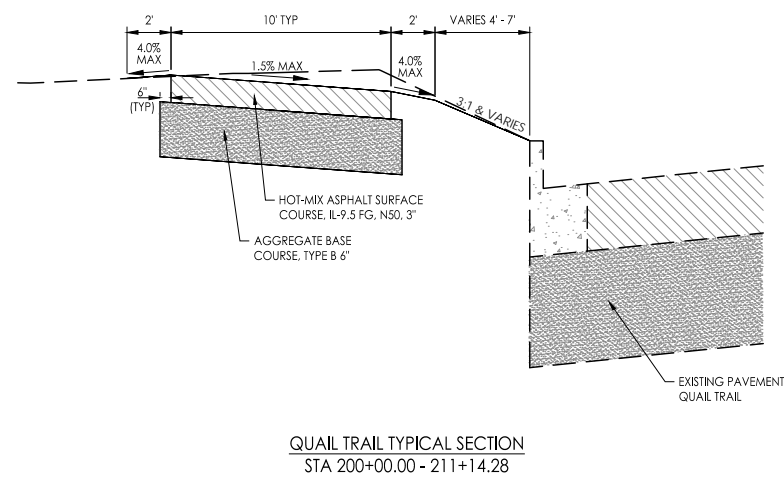
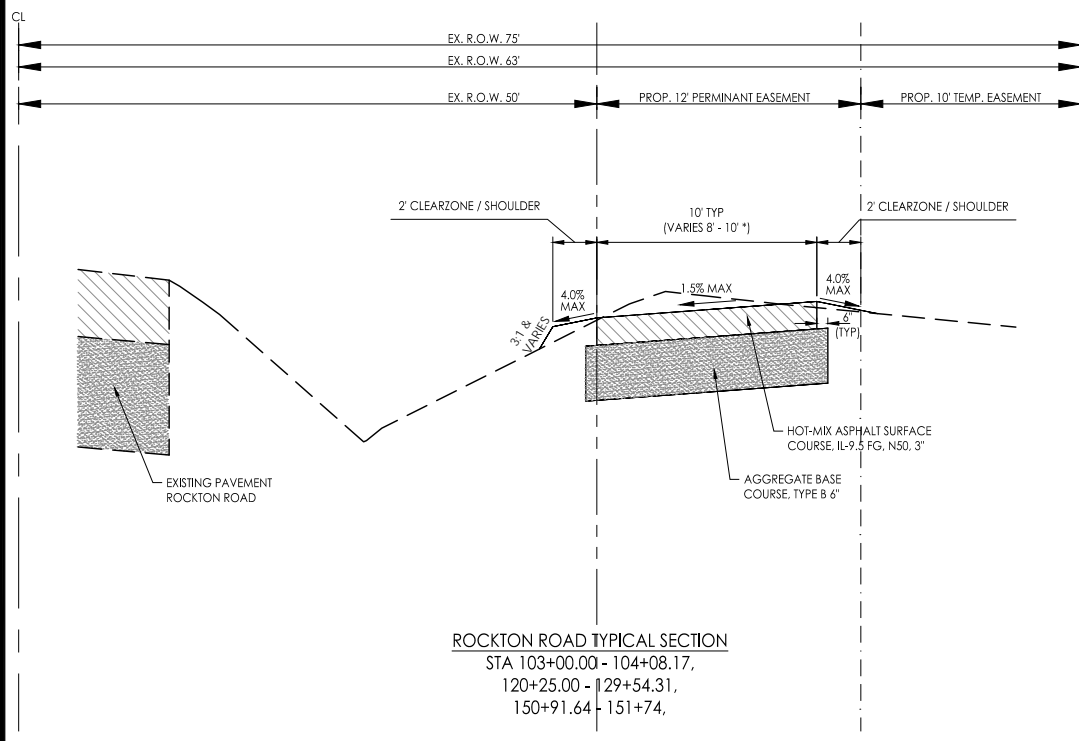
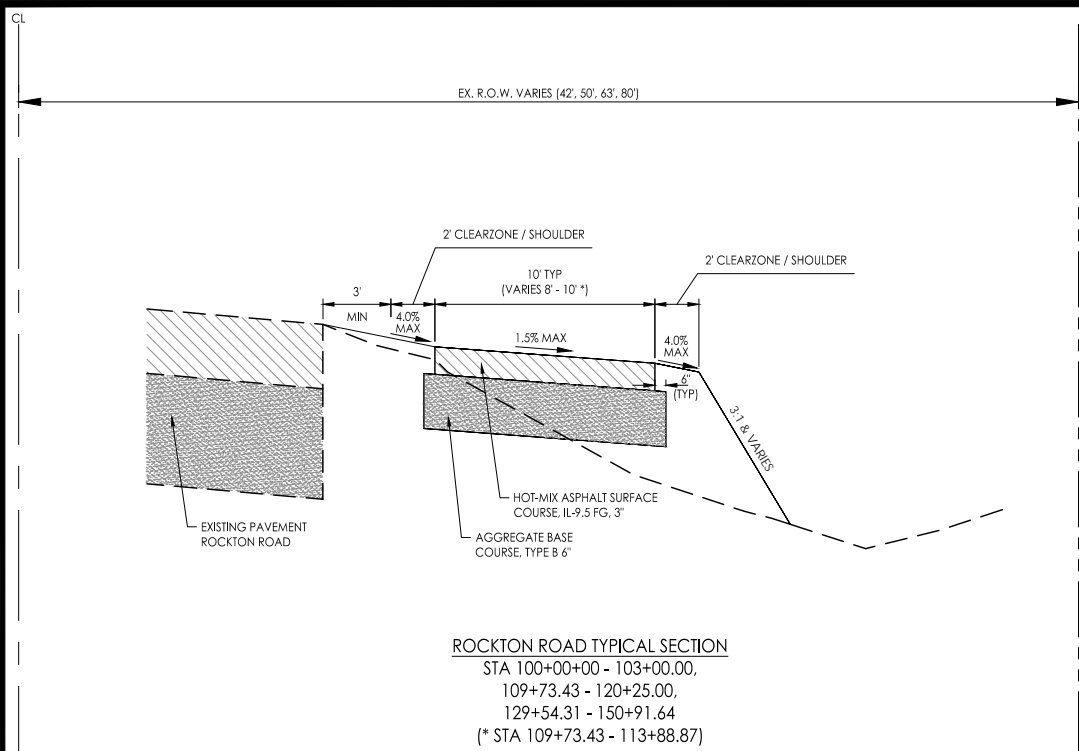
**EXCAVATION / EROSION CONTROL NOTES:**

- THE CONTRACTOR SHALL FOLLOW THE "ILLINOIS URBAN MANUAL", LATEST EDITION. THE REMOVAL OF SOME EROSION CONTROL MEASURES WHEN SURFACES ARE STABILIZED WILL BE REQUIRED. THE COST OF ALL MAINTENANCE AND UPKEEP OF EROSION CONTROL ITEMS SHALL BE INCIDENTAL TO THE COST OF THE INSTALLATION OF SAME. ITEMS NOT EXPRESSLY LISTED IN THE QUANTITIES BUT REQUIRED FOR EROSION CONTROL SHALL BE PROVIDED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR HIS AGENTS.
- THE CONTRACTOR SHALL BE REQUIRED TO PREVENT EROSION AND SILTATION OF DITCHES, CATCH BASINS, INLETS, ETC., DURING CONSTRUCTION. THE CONTRACTOR SHALL INSPECT AND CLEAN ALL DITCHES, DRAINAGE STRUCTURES AND CONDUITS ON A DAILY BASIS.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING ADJACENT STREETS WHEN DEBRIS HAS BEEN TRACKED AND OR WASHED ON TO THEM. THE CONTRACTOR SHALL BE RESPONSIBLE TO SWEEP THE STREETS IF DIRECTED TO DO SO BY THE ENGINEER. THE CONTRACTOR IS ALSO RESPONSIBLE TO CONTROL DUST ON THE SITE IN ACCORDANCE WITH PRACTICES IN THE ILLINOIS URBAN MANUAL.
- ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AND STABILIZED PRIOR TO SITE CLEARING AND GRADING. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE MAINTAINED THROUGH THE DURATION OF THE PROJECT. ALL EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAINFALL EVENT AND 6" SNOWFALL EVENT AND AN INSPECTION RECORD SHALL BE MAINTAINED BY THE CONTRACTOR AT THE JOB SITE FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM THESE INSPECTIONS AND TO MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES IN SUCH A MANNER THAT THEY CONTINUE TO FUNCTION FOR THE DURATION OF THEIR INTENDED USE. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM ALL TEMPORARY SEEDING.
- AREAS WHERE EXCAVATION HAS BEEN PERFORMED SHALL RECEIVE 4" (MINIMUM) OF APPROVED COMPACTED TOPSOIL ALONG WITH CLASS 1 SEEDING (AS NOTED ON THE PLANS), TOPSOIL AND SEEDING MATERIALS AND METHODS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH CONSTRUCTION DAY. SITE DRAINAGE SHALL BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN THE SEEDING FOR A MINIMUM OF 30 DAYS AFTER INSTALLATION. MAINTENANCE SHALL INCLUDE WATERING. ALL SEEDING AREAS SHALL BE MAINTAINED AS SPECIFIED INCLUDING WATERING FOR 30 DAYS AFTER INSTALLATION. SCATTERED BARE SPOTS NO LARGER THAN TWO SQUARE FEET WILL BE ALLOWED UP TO A MAXIMUM OF 5% OF ANY RESTORED AREA. LARGER AREAS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY SEEDING WITHIN 21 DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE.
- EROSION CONTROL BLANKETS ARE TO BE INSTALLED ON ALL SLOPES STEEPER THAN 10% IMMEDIATELY AFTER TOPSOILING, FERTILIZING, AND SEEDING ARE COMPLETE. EROSION CONTROL BLANKETS WILL NOT BE SUBSTITUTED IF TOPSOIL IS USED. INSTALLATION OF EROSION CONTROL BLANKETS SHALL BE ACCORDING TO THE RECOMMENDATIONS OF THE MANUFACTURER. EROSION CONTROL BLANKETS SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAINFALL FOR DAMAGE OR DISPLACEMENT. DAMAGED OR DISPLACED EROSION CONTROL BLANKETS SHALL BE REPAIRED OR RESTAPED AS SOON AS POSSIBLE. TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED VIA PERMANENT MEASURES. PERMANENT VEGETATION AND STRUCTURES SHALL BE INSTALLED AND FUNCTIONAL AS SOON AS PRACTICAL DURING DEVELOPMENT. PERMANENT SEEDING, SODDING, OR LANDSCAPING SHALL BE COMPLETED WITHIN 7 DAYS OF FINAL TOPSOIL RE-SPREAD.
- ALL STOCKPILES ARE TO BE PLACED AT A LOCATION SPECIFIED BY THE OWNER. ALL STOCKPILES ARE TO BE PROTECTED BY SILT FENCE ALONG THE DOWN SLOPE SIDES OF THE STOCKPILE OR AROUND THE ENTIRE PERIMETER IF DIRECTED TO DO SO BY THE ENGINEER. ANY STOCKPILES THAT WILL REMAIN UNDISTURBED FOR LONGER THAN THREE WEEKS SHALL BE PROTECTED BY TEMPORARY SEEDING. SOIL STORAGE PILES CONTAINING MORE THAN 10 CUBIC YARDS OF MATERIAL SHALL NOT BE LOCATED WITH A DOWN SLOPE DRAINAGE LENGTH OF LESS THAN 25 FEET TO A ROADWAY OR DRAINAGE CHANNEL.
- ALL STORMWATER INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THE DETAILS ON THE PLANS OR BY METHODS APPROVED BY THE VILLAGE OF ROCKTON. AFTER EACH RAINFALL EACH INLET SHALL BE INSPECTED. ANY INLET PROTECTION THAT HAS FAILED OR IS DAMAGED SHALL BE REPAIRED AS SOON AS POSSIBLE. SEDIMENT SHALL BE REMOVED AS NECESSARY TO PROVIDE FOR THE CONTINUED EFFECTIVENESS OF THE INLET PROTECTION TECHNIQUE IN USE.

**LEGEND**

	Existing	Proposed
	EX. ROW	ROW
Right of Way		
Fence		
Utility Pole		
Utility Pole w/ street light		
Guy Anchor		
Street Light		
Gas Main		
Overhead Electric Line		
Underground Electric Line		
Electric Pedestal		
Electric Transformer		
Overhead Telephone Line		
Underground Telephone Line		
Underground Fiber Optic Line		
Telephone Pedestal		
Valve Box & Valve		
Valve Vault & Valve		
Fire Hydrant with Valve Box		
Fire Hydrant		
Water Main		
Water Service With Curb Stop Box.		
Storm Manhole		
Storm Catch Basin		
Flared End Section		
Curb Inlet Type 700		
Inlet Special		
Storm Sewer		
Sump Stub		
Sanitary Manhole		
Sanitary Drop Manhole		
Sanitary Cleanout		
Sanitary Sewer		
Proposed Sanitary Service @ 1.0% Minimum		
Sign		
Property Line		
Building Setback Line		
Section Line		
Road Centerline		
Utility Easement		
Drainage Easement		
Sanitary Easement		
Storm Easement		
Water Main Easement		
Other Easement		

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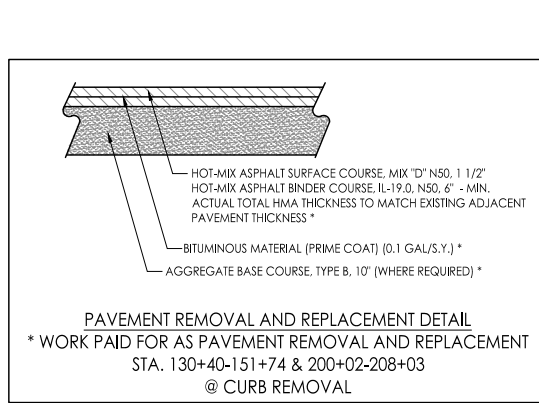
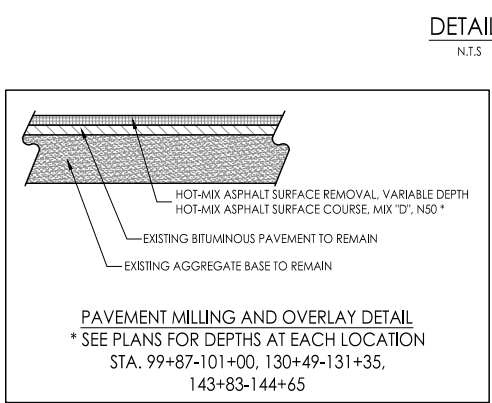
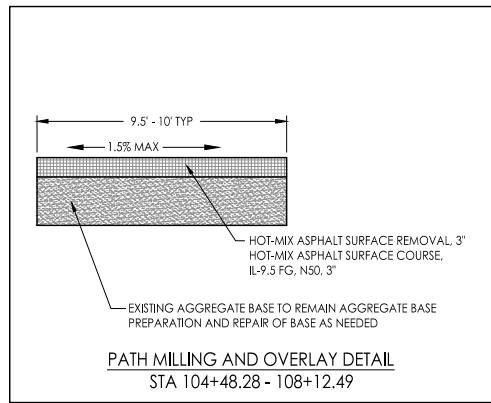


**NOTES:**

- SETBACK VARIES BY MANUFACTURER MAXIMUM FRONT FACE SLOPE FROM VERTICAL IS 1 HORIZONTAL TO 12 VERTICAL.
- CONTRACTOR SHALL SUPPLY AND CONSTRUCT GEOGRID REINFORCEMENT AS REQUIRED BY THE MANUFACTURER (INCIDENTAL TO SEGMENTAL CONCRETE BLOCK WALL SPECIAL).

**SEGMENTAL BLOCK RETAINING WALL SPECIAL TYPICAL SECTION**  
 STA 109+59.73 - 110+50.28,  
 111+48.00 - 111+93.00,  
 113+84.64 - 113+99.50,  
 114+93.27 - 115+08.27

HMA MIXTURE REQUIREMENTS TABLE		
LOCATION	OVERLAY & REPLACEMENT	REPLACEMENT
MIXTURE USES	SURFACE	BINDER
PG:	PG 64-28	PG 64-28
DESIGN AIR VOIDS	4.0 @ NS0	4.0 @ NS0
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5 FG	IL-19.0
FRICTION AGGREGATE	D	N/A
MIXTURE WEIGHT:	112 LB/SY/IN	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
NUMBER OF ROLLER PASSES	N/A	N/A



**DETAILS**  
 N.T.S



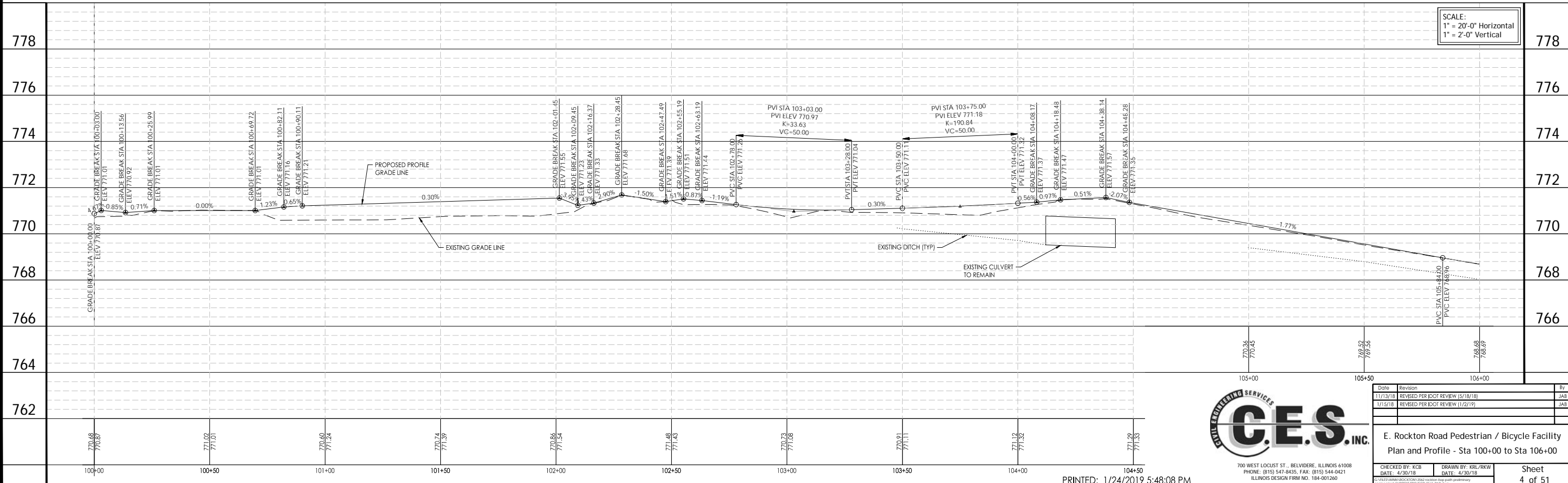
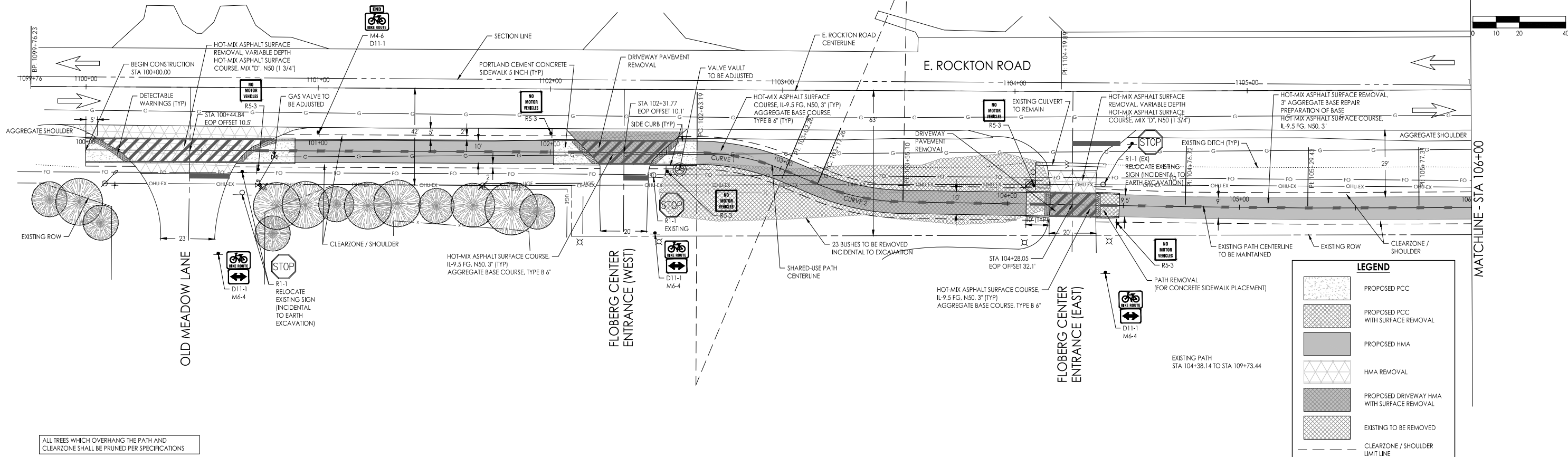
PRINTED: 1/24/2019

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAB
1/15/18	REVISED PER IDOT REVIEW (11/22/19)	JAB

**E. Rockton Road Pedestrian / Bicycle Facility**  
 Typical Sections & Details

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KBL/RKW DATE: 4/30/18	Sheet 3 of 51
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CURVE 1	CURVE 2	PI	PI	PI
PI STATION = 102+82.98 - 1.90' LT	PI STATION = 103+36.41 - 1.79' RT	PI STATION = 104+76.72	PI STATION = 105+29.43	PI STATION = 105+77.31
PC STATION = 102+63.19	PC STATION = 103+17.26	ANGLE = 179°40'23"	ANGLE = 179°13'6"	ANGLE = 179°51'00"
PT STATION = 103+02.26	PT STATION = 103+55.10			
DELTA ANGLE = 22°22'53"	DELTA ANGLE = 21°40'57"			
R = 100.00'	R = 100.00'			
L = 39.06	L = 37.84			



**C.E.S. INC.**  
CIVIL ENGINEERING SERVICES

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ILLINOIS DESIGN FIRM NO. 184-001260

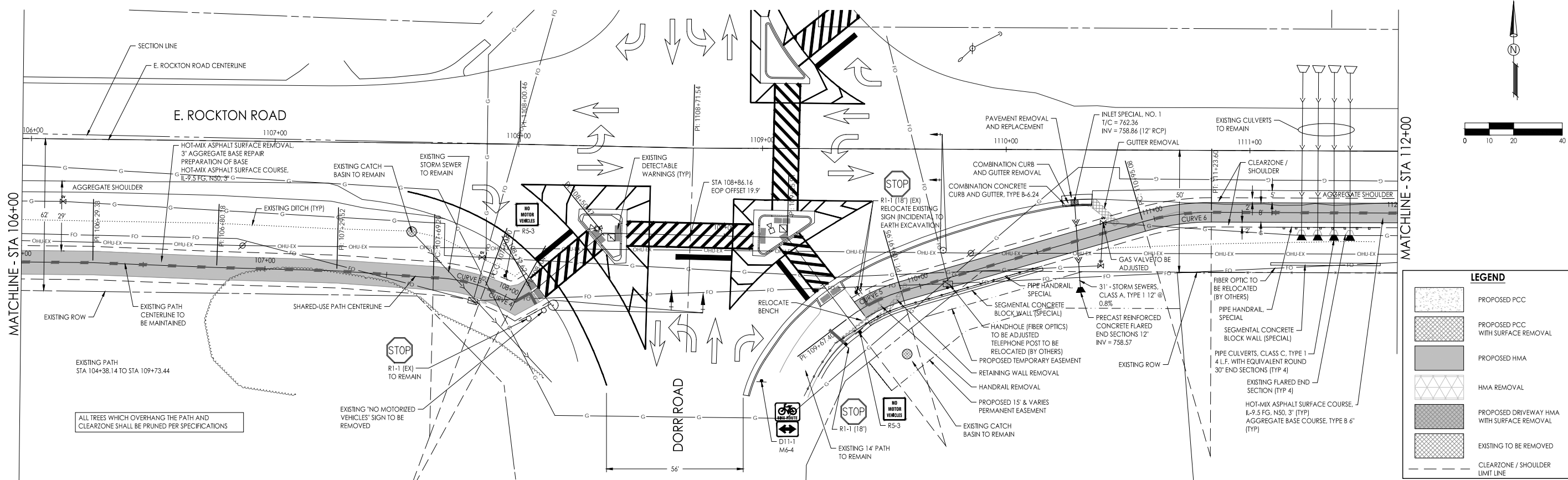
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/17)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 100+00 to Sta 106+00**

CHECKED BY: KCB DATE: 4/30/18  
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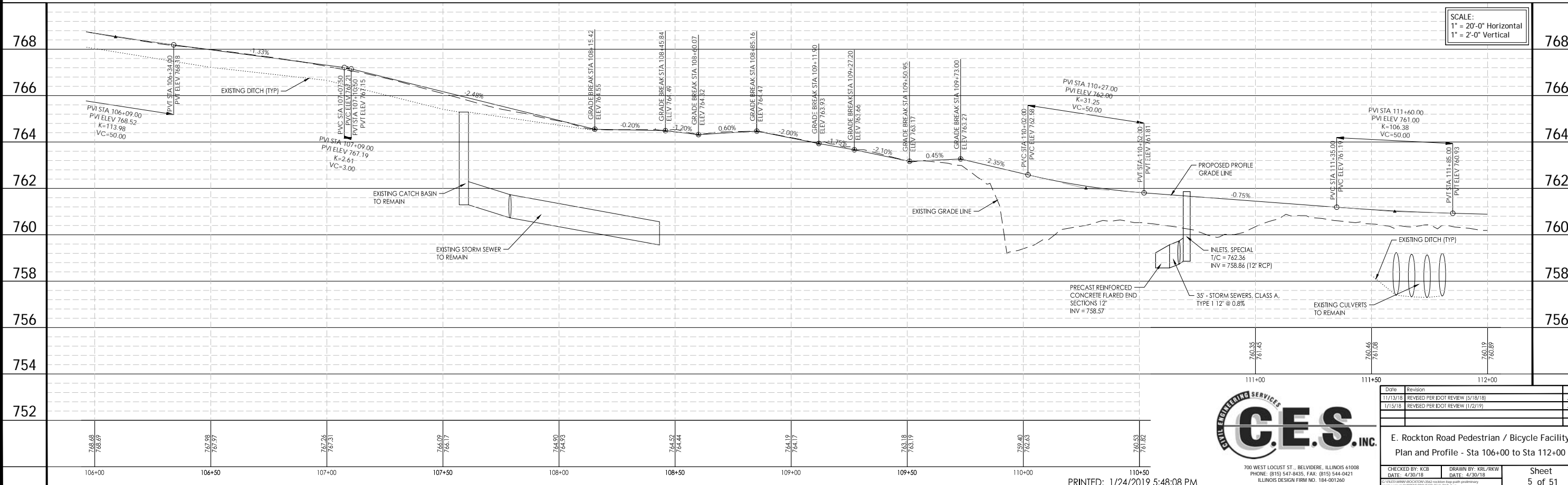


PI	PI	PI
PI STATION = 106+29.33	PI STATION = 106+80.18	PI STATION = 107+29.52
ANGLE = 178°21'21"	ANGLE = 179°18'37"	ANGLE = 177°30'35"

CURVE 3		CURVE 4		PI		PI		PI		PI		PI		CURVE 5		CURVE 6	
PI STATION = 107+80.15 - 0.90' LT	PI STATION = 107+97.71 - 0.25' LT	PI STATION = 108+04.49	PI STATION = 108+12.62	PI STATION = 108+50.47	PI STATION = 109+25.91	PI STATION = 109+67.40	PI STATION = 109+79.82 - 1.14' LT	PI STATION = 111+09.44 - 1.02' LT									
PC STATION = 107+69.20	PCC STATION = 107+90.90						PC STATION = 109+67.40	PC STATION = 110+95.08									
PCC STATION = 107+90.90	PT STATION = 108+04.49						PT STATION = 109+91.95	PT STATION = 111+23.60									
DELTA ANGLE = 19°3'50"	DELTA ANGLE = 8°21'36"						DELTA ANGLE = 21°18'24"	DELTA ANGLE = 16°20'39"									
R = 65.21'	R = 93.12'						R = 66.00'	R = 100.00'									
L = 21.70'	L = 13.59'						L = 24.54'	L = 28.53'									

**LEGEND**

- PROPOSED PCC
- PROPOSED PCC WITH SURFACE REMOVAL
- PROPOSED HMA
- HMA REMOVAL
- PROPOSED DRIVEWAY HMA WITH SURFACE REMOVAL
- EXISTING TO BE REMOVED
- CLEARZONE / SHOULDER LIMIT LINE



SCALE:  
1" = 20'-0" Horizontal  
1" = 2'-0" Vertical



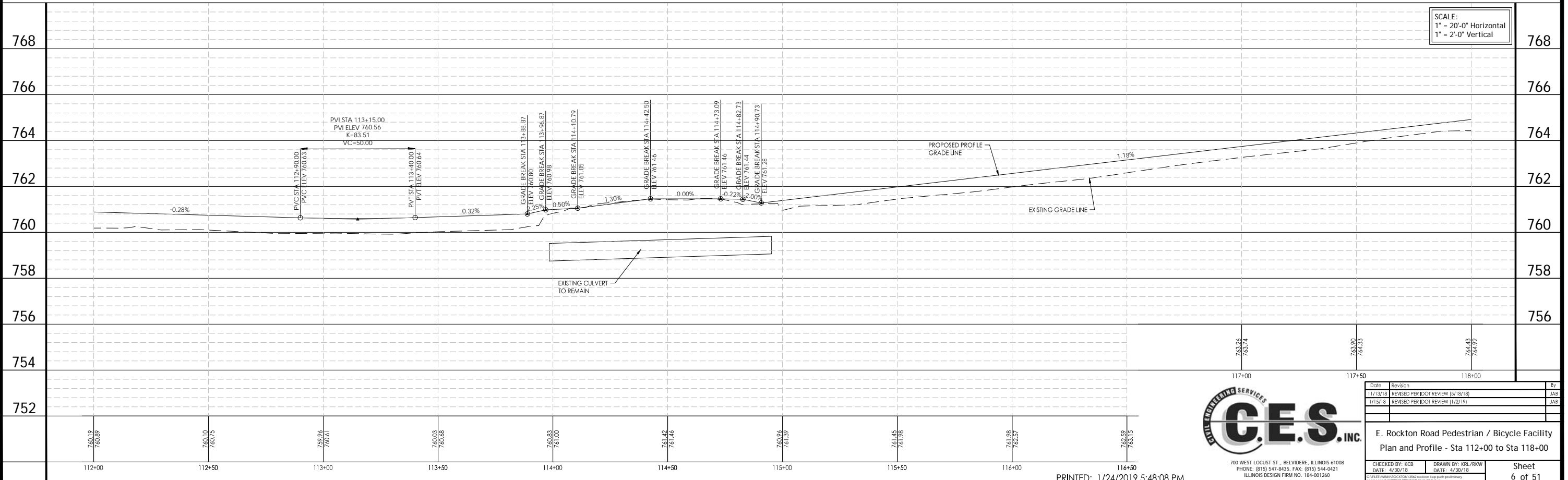
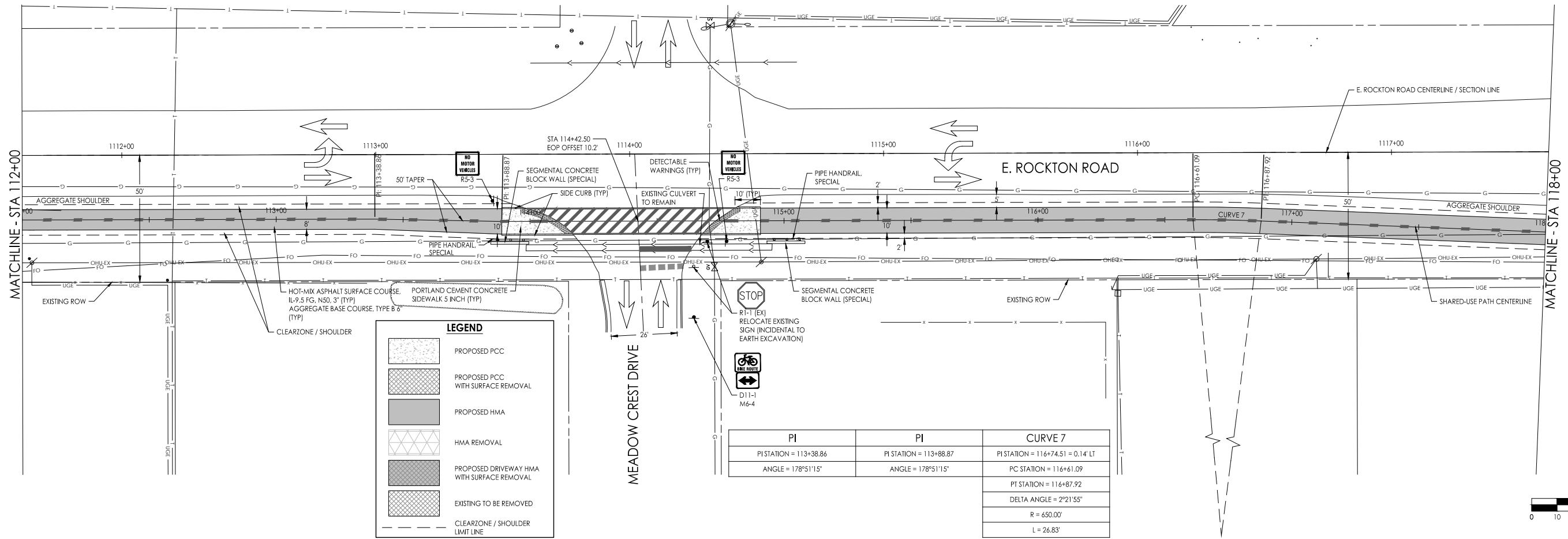
Date	Revision	By
11/13/18	REVIEW PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVIEW PER IDOT REVIEW (11/2/17)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 106+00 to Sta 112+00**

CHECKED BY: KCB      DRAWN BY: KRL/RKW  
DATE: 4/30/18      DATE: 4/30/18

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ILLINOIS DESIGN FIRM NO. 184-001260

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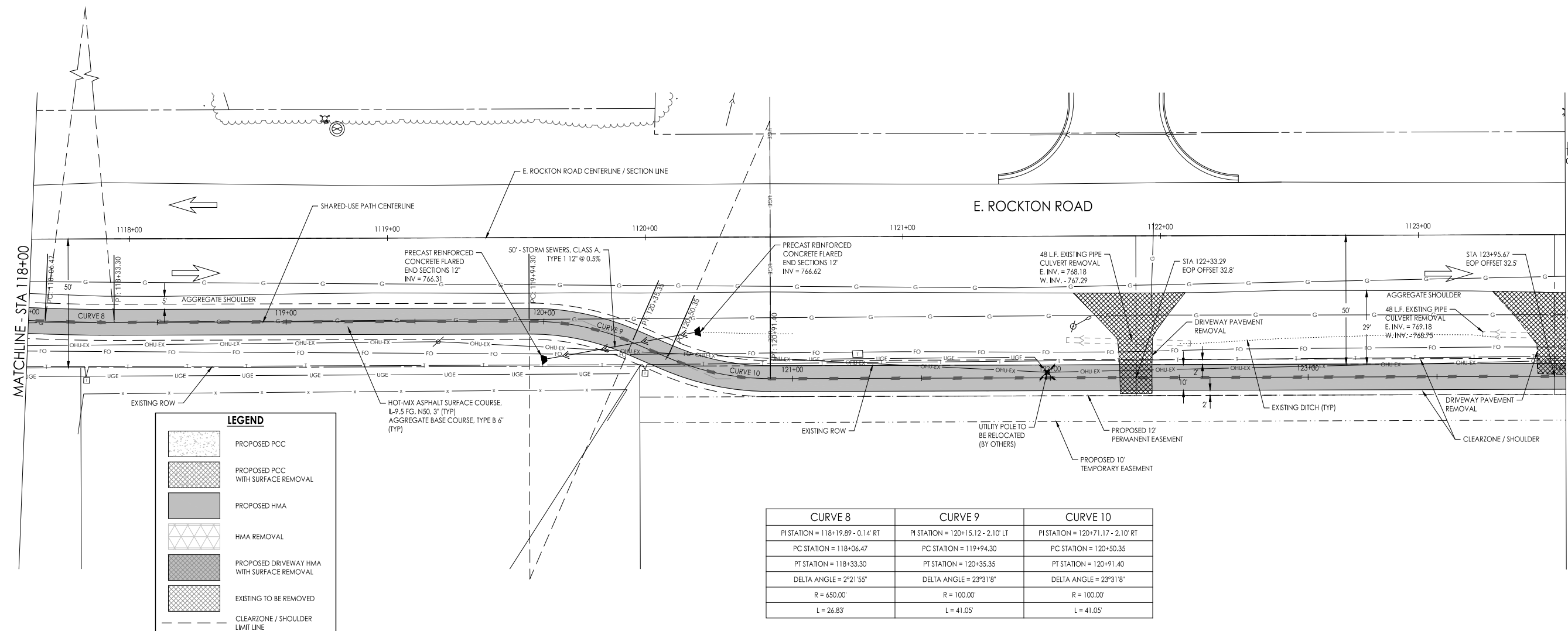
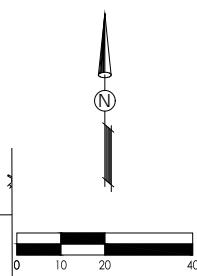
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
PHONE: (815) 547-8435, FAX: (815) 544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/18)	JAS

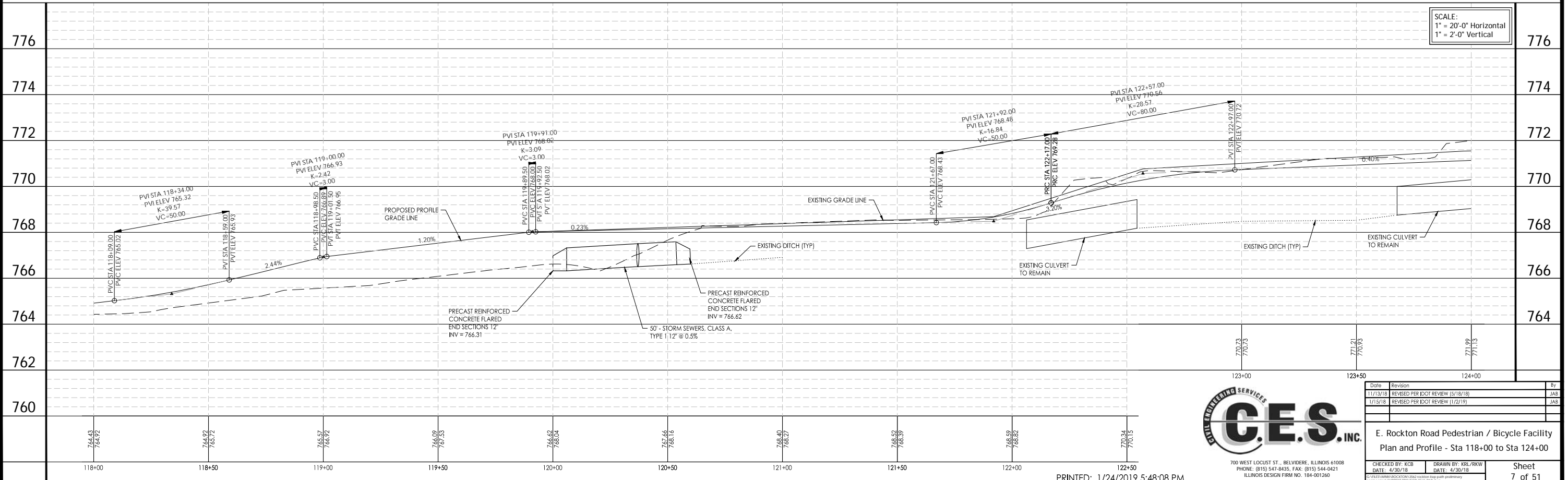
**E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 112+00 to Sta 118+00**

CHECKED BY: KCB    DRAWN BY: KRL/RKW  
DATE: 4/30/18    DATE: 4/30/18

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CURVE 8	CURVE 9	CURVE 10
PI STATION = 118+19.89 - 0.14' RT	PI STATION = 120+15.12 - 2.10' LT	PI STATION = 120+71.17 - 2.10' RT
PC STATION = 118+06.47	PC STATION = 119+94.30	PC STATION = 120+50.35
PT STATION = 118+33.30	PT STATION = 120+35.35	PT STATION = 120+91.40
DELTA ANGLE = 2°21'55"	DELTA ANGLE = 23°31'8"	DELTA ANGLE = 23°31'8"
R = 650.00'	R = 100.00'	R = 100.00'
L = 26.83'	L = 41.05'	L = 41.05'



SCALE:  
1" = 20'-0" Horizontal  
1" = 2'-0" Vertical



Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW 15/18/18	JAB
1/15/18	REVISED PER IDOT REVIEW 11/22/19	JAB

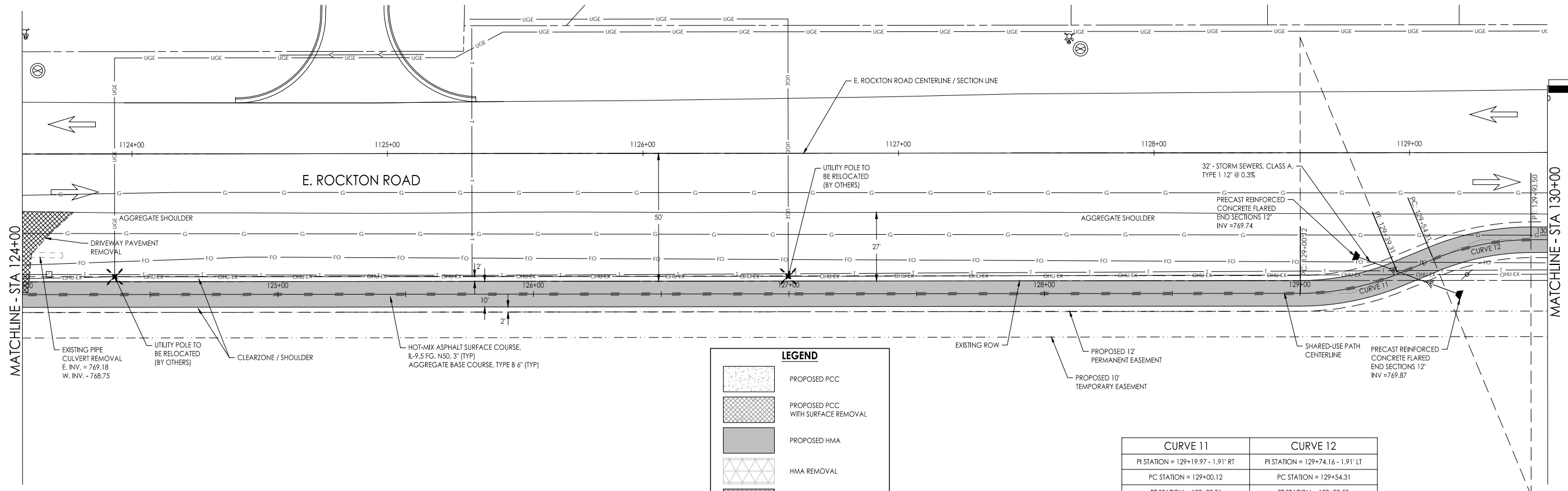
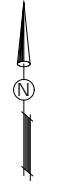
E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 118+00 to Sta 124+00

CHECKED BY: KCB DATE: 4/30/18  
DRAWN BY: KRL/RKW DATE: 4/30/18

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ILLINOIS DESIGN FIRM NO. 184-001260

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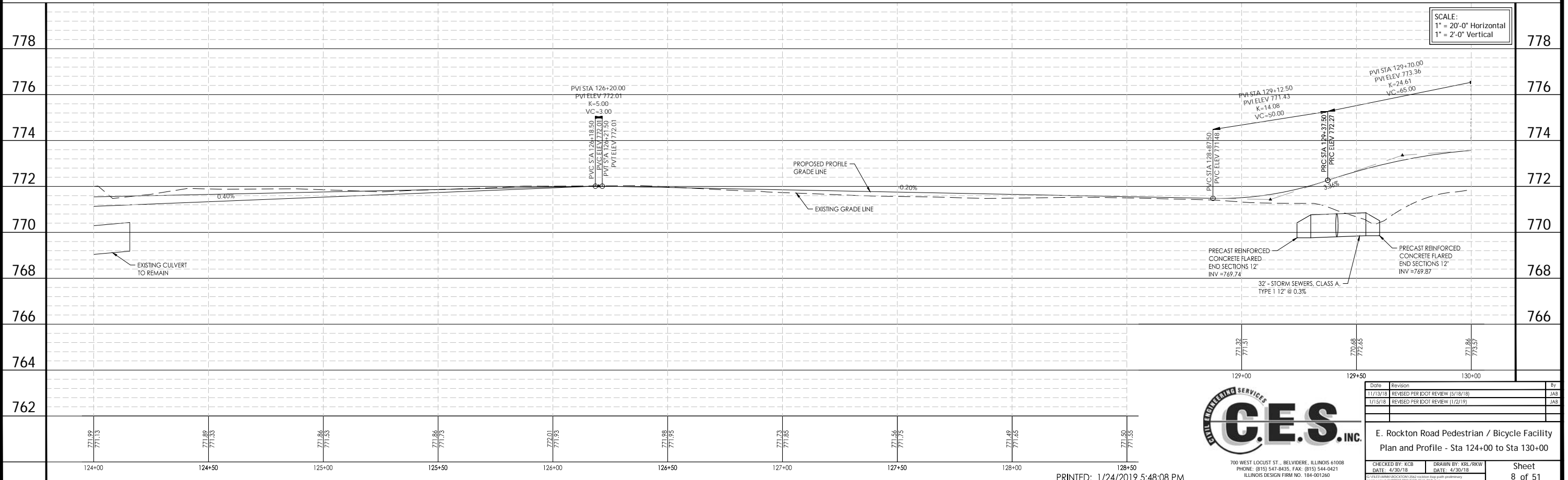
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**LEGEND**

- PROPOSED PCC
- PROPOSED PCC WITH SURFACE REMOVAL
- PROPOSED HMA
- HMA REMOVAL
- PROPOSED DRIVEWAY HMA WITH SURFACE REMOVAL
- EXISTING TO BE REMOVED
- CLEARZONE / SHOULDER LIMIT LINE

CURVE 11	CURVE 12
PI STATION = 129+19.97 - 1.91' RT	PI STATION = 129+74.16 - 1.91' LT
PC STATION = 129+00.12	PC STATION = 129+54.31
PT STATION = 129+39.31	PT STATION = 129+93.50
DELTA ANGLE = 22°27'10"	DELTA ANGLE = 22°27'10"
R = 100.00'	R = 100.00'
L = 39.19'	L = 39.19'



SCALE:  
1" = 20'-0" Horizontal  
1" = 2'-0" Vertical



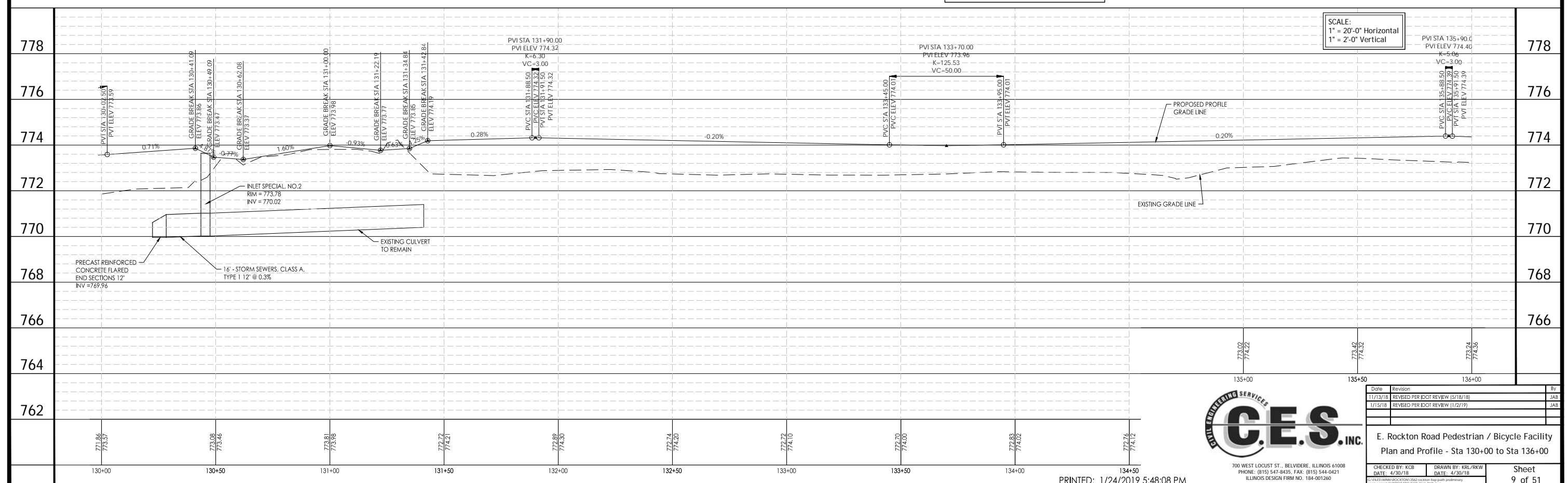
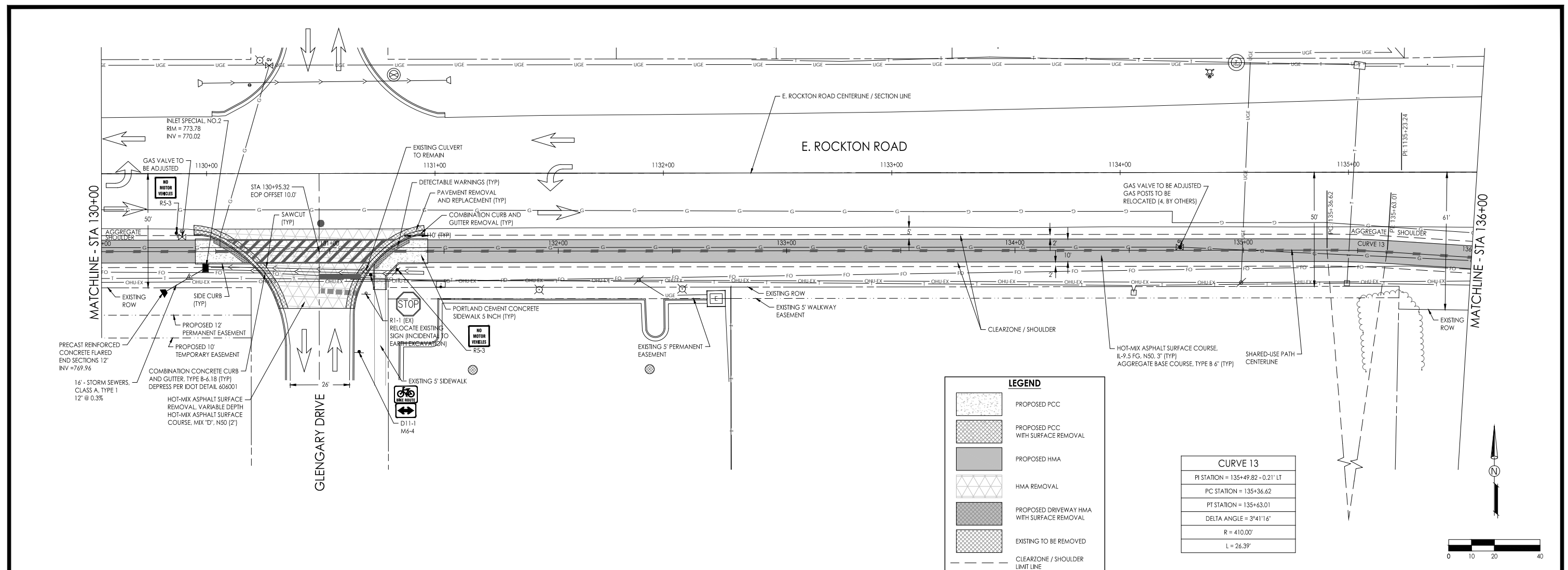
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (1/2/18)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 124+00 to Sta 130+00**

CHECKED BY: KCB DATE: 4/30/18  
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**C.E.S. INC.**  
CIVIL ENGINEERING SERVICES

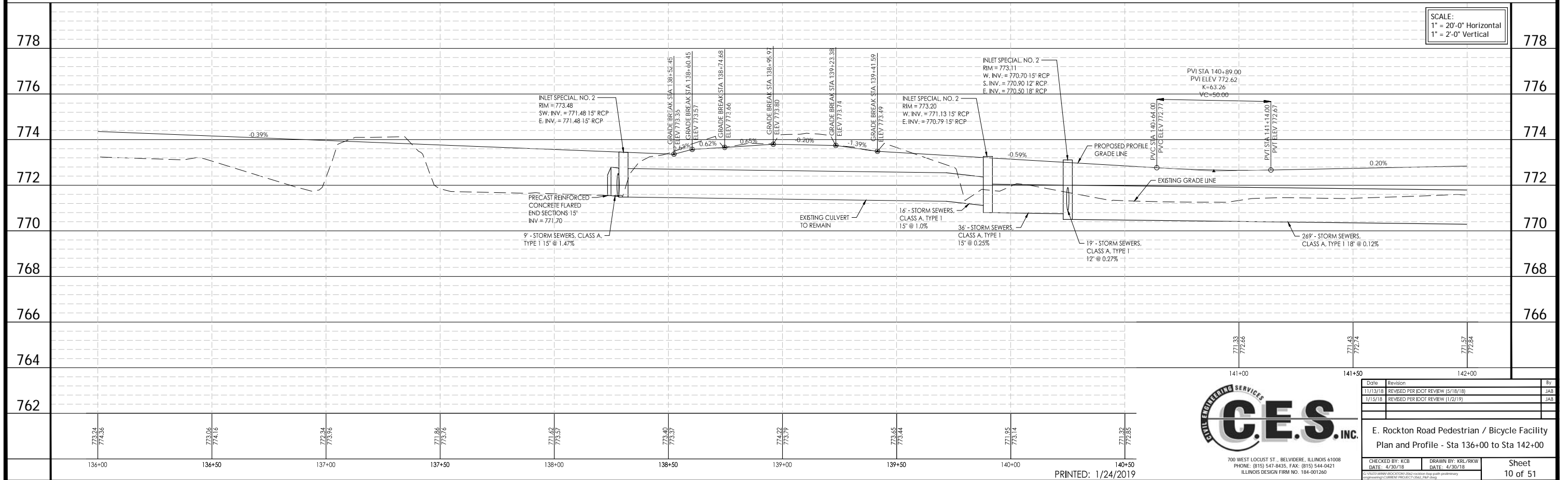
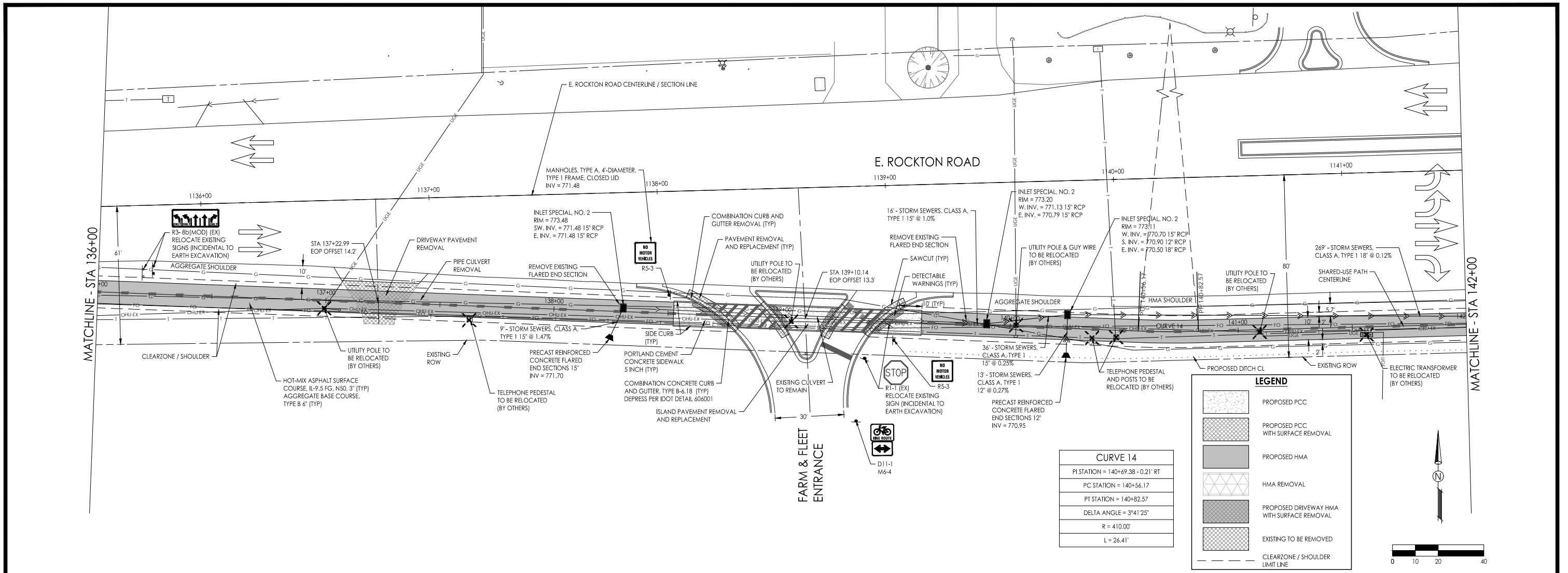
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
PHONE: (815) 547-8435, FAX: (815) 544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAB
1/15/18	REVISED PER IDOT REVIEW (1/22/19)	JAB

**E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 130+00 to Sta 136+00**

CHECKED BY: KCB DATE: 4/30/18  
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SCALE:  
1" = 20'-0" Horizontal  
1" = 2'-0" Vertical

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW 15/18/18	JAS
1/15/19	REVISED PER IDOT REVIEW 11/22/19	JAS

**C.E.S. INC.**  
CIVIL ENGINEERING SERVICES

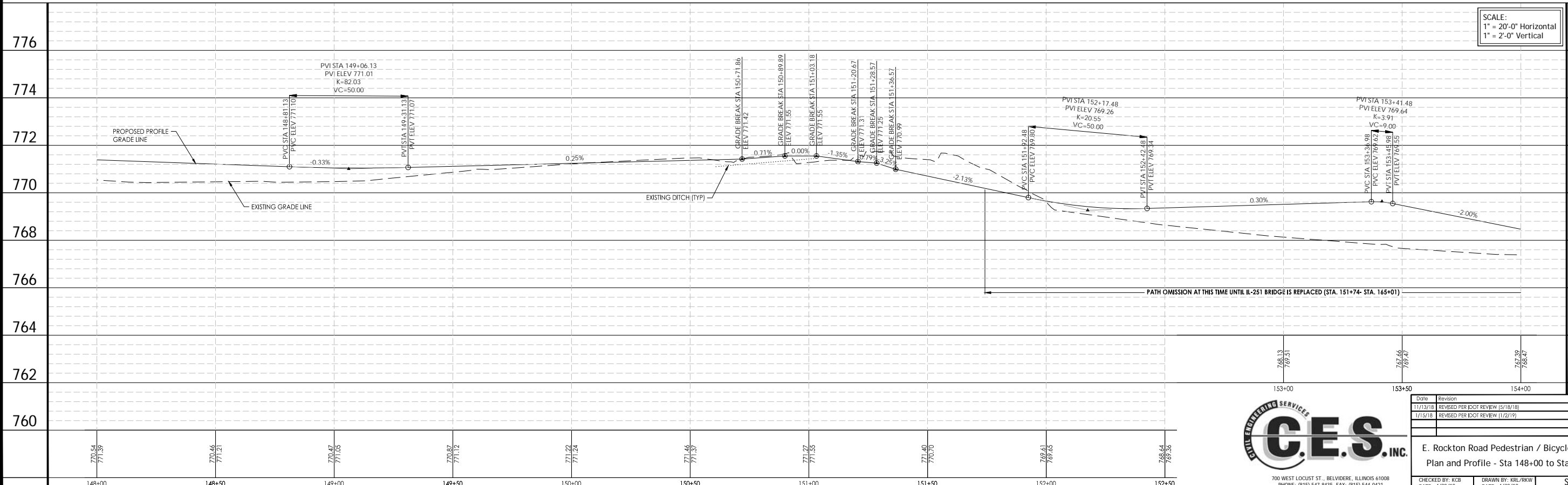
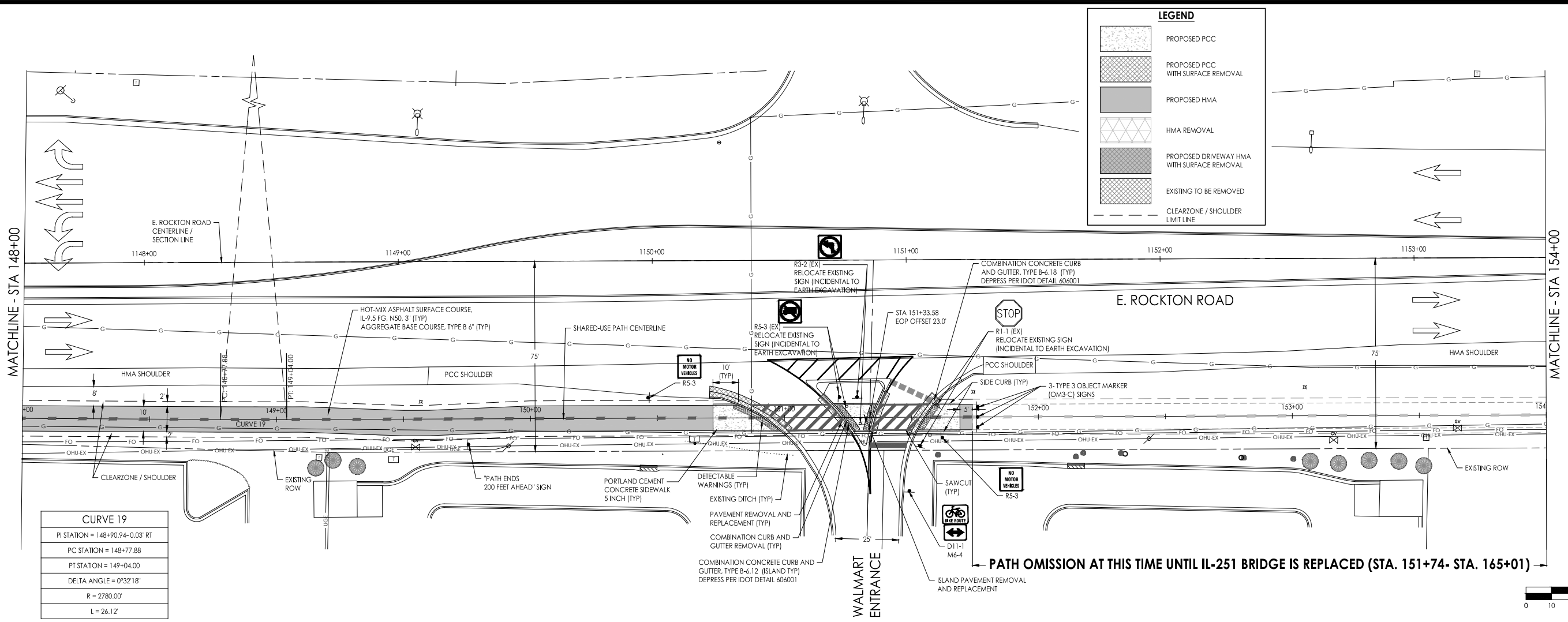
E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 136+00 to Sta 142+00

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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/18)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 148+00 to Sta 154+00**

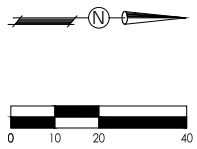
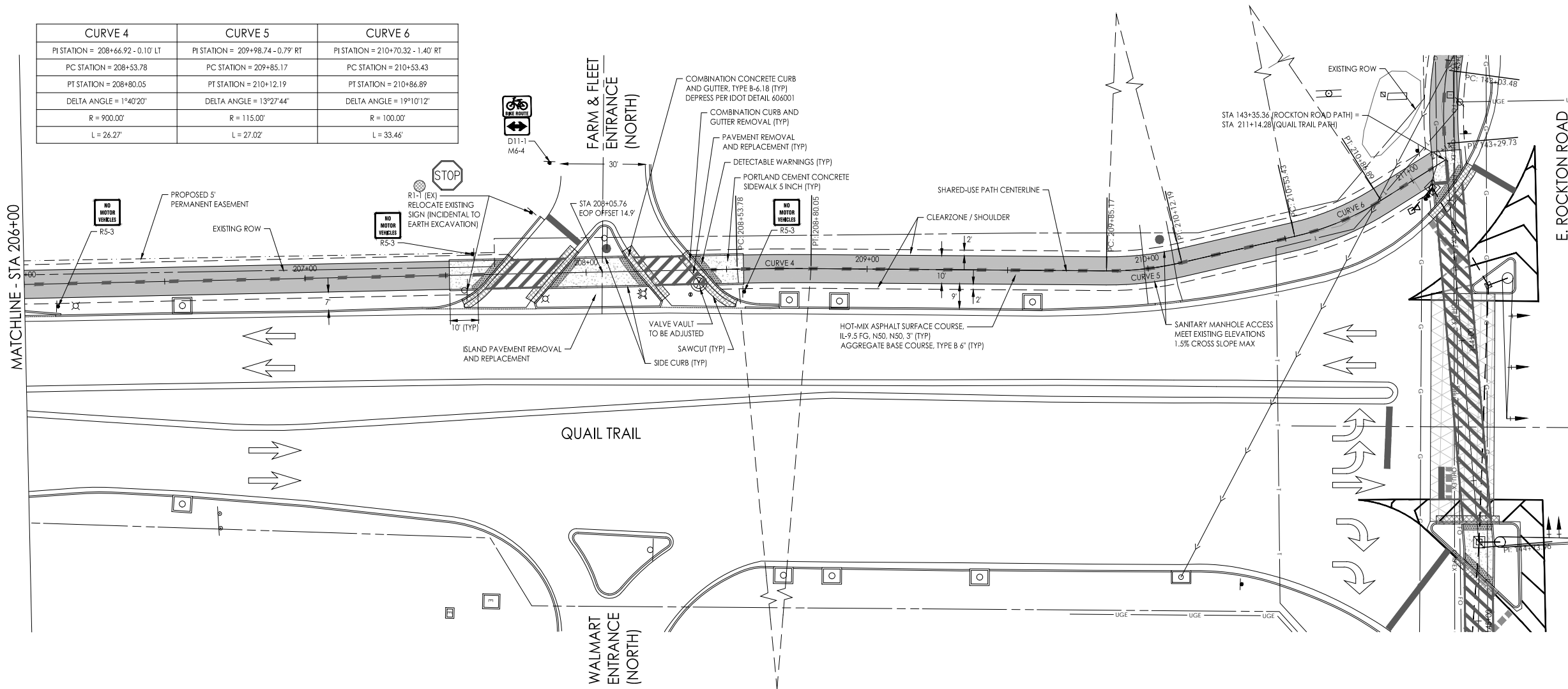
CHECKED BY: KCB DATE: 4/30/18  
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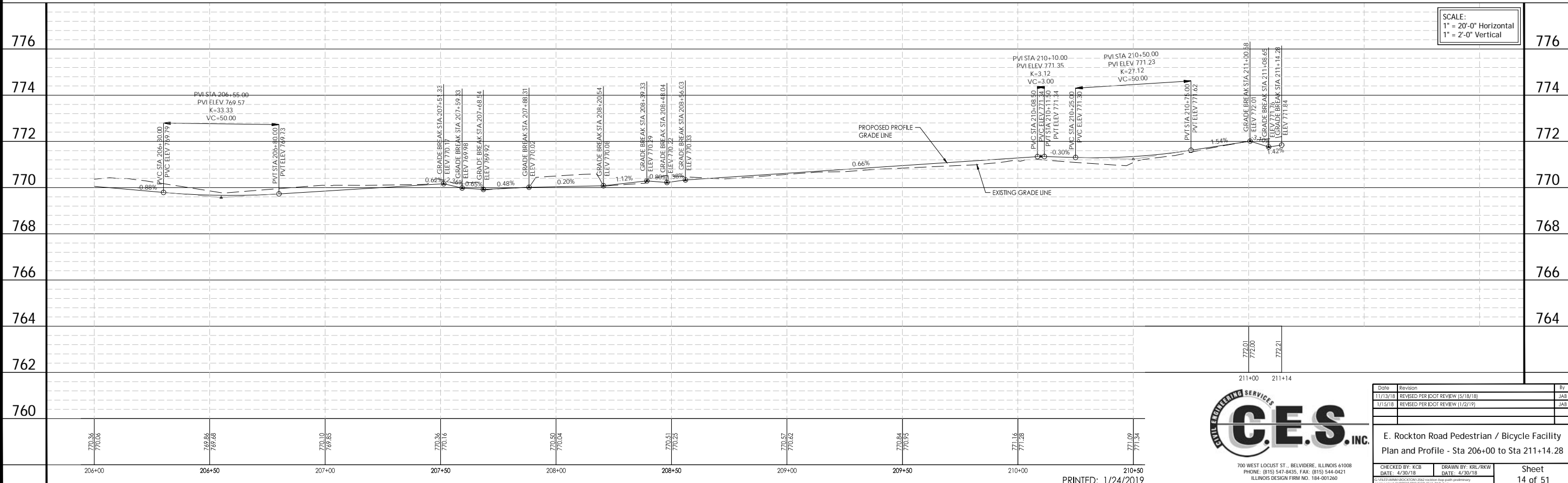


CURVE 4	CURVE 5	CURVE 6
PI STATION = 208+66.92 - 0.10' LT	PI STATION = 209+98.74 - 0.79' RT	PI STATION = 210+70.32 - 1.40' RT
PC STATION = 208+53.78	PC STATION = 209+85.17	PC STATION = 210+53.43
PT STATION = 208+80.05	PT STATION = 210+12.19	PT STATION = 210+86.89
DELTA ANGLE = 1°40'20"	DELTA ANGLE = 13°27'44"	DELTA ANGLE = 19°10'12"
R = 900.00'	R = 115.00'	R = 100.00'
L = 26.27'	L = 27.02'	L = 33.46'



**LEGEND**

[Pattern]	PROPOSED PCC
[Pattern]	PROPOSED PCC WITH SURFACE REMOVAL
[Pattern]	PROPOSED HMA
[Pattern]	HMA REMOVAL
[Pattern]	PROPOSED DRIVEWAY HMA WITH SURFACE REMOVAL
[Pattern]	EXISTING TO BE REMOVED
[Pattern]	CLEARZONE / SHOULDER LIMIT LINE



**C.E.S. INC.**  
CIVIL ENGINEERING SERVICES

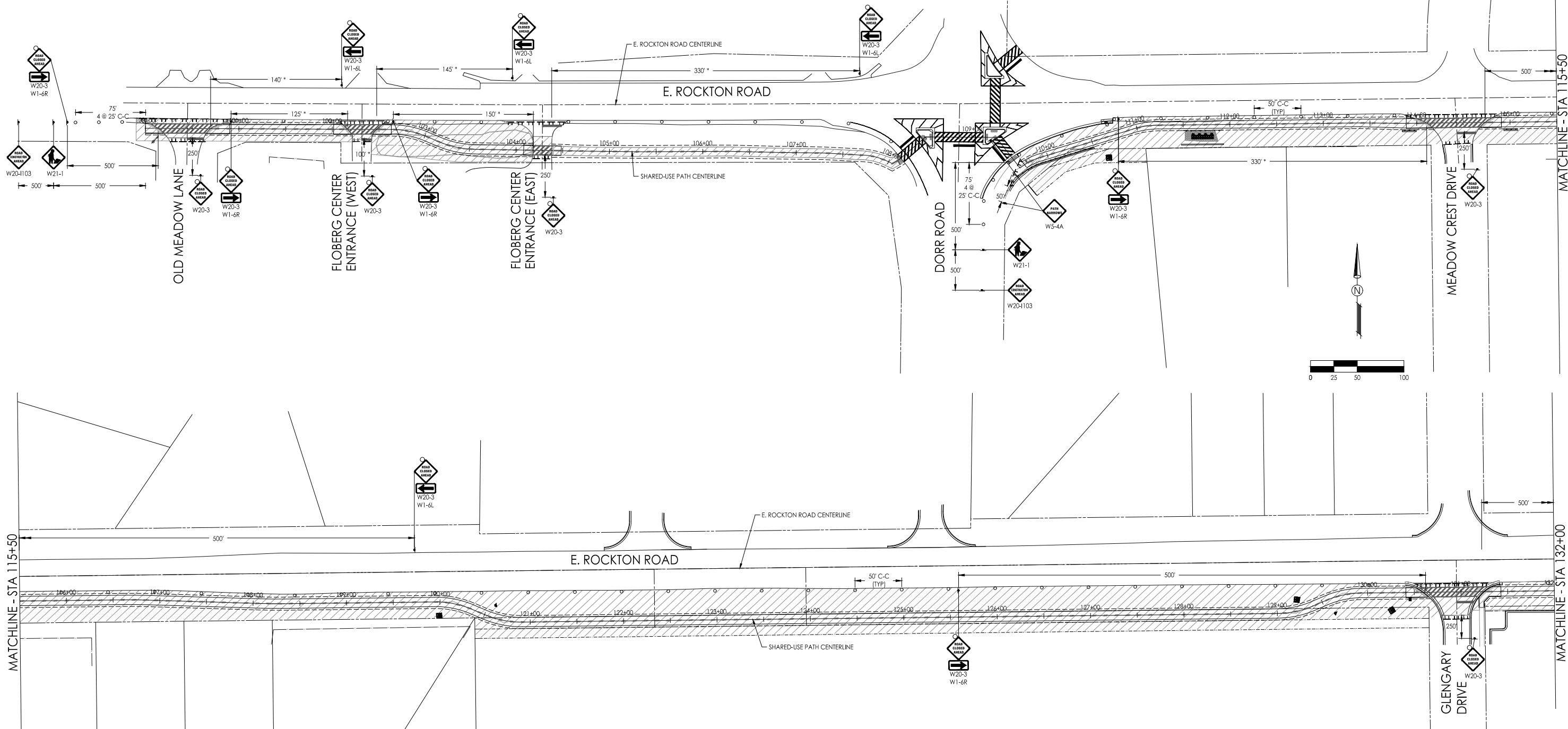
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PHONE: (815) 547-8435, FAX: (815) 544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
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1/15/18	REVISED PER IDOT REVIEW (11/2/17)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Plan and Profile - Sta 206+00 to Sta 211+14.28**

CHECKED BY: KCB	DRAWN BY: KBL/RKW	Sheet
DATE: 4/30/18	DATE: 4/30/18	14 of 51

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**NOTES:**

TEMPORARY ACCESS ROUTE TO BE PROVIDED BETWEEN FLOBERG CENTER ENTRANCE (EAST) AND DORR ROAD DURING CONSTRUCTION IN THAT SECTION OF PATH AND IN ACCORDANCE WITH THE STANDARD DETAILS AND SPECIAL PROVISIONS.

SIDEROAD CLOSURES TO BE PROVIDED AS SHOWN FOR THE DURATION OF WORK ON THE INDIVIDUAL SIDEROAD ONLY. THIS WORK VARIES AT EACH LOCATION BUT MAY INCLUDE PAVEMENT REMOVAL / REPLACEMENT, CURB REMOVAL / REPLACEMENT, MILLING / RESURFACING, ISLAND REMOVAL / REPLACEMENT / MODIFICATION, OR STRIPING REMOVAL / REPLACEMENT.

\* - DISTANCES REDUCED FROM THOSE GIVEN IN THE CORRESPONDING HIGHWAY STANDARD DUE TO EXISTING ROADWAY LIMITS.

**STANDARDS:**

- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' [4.5 M] TO 24" [600 MM] FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' [4.5 M] TO 24" [600 MM] FROM PAVEMENT EDGE
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-07 TRAFFIC CONTROL DEVICES
- 40.1 TRAFFIC CONTROL FOR ROAD CLOSURE

**LEGEND:**

- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- SIGN
- DRUM
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADE WITH FLASHERS
- SIGN WITH FLASHING LIGHT
- SIGN WITHOUT FLASHING LIGHT



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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/19	REVISED PER IDOT REVIEW (1/22/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
 Traffic Control Plan - Rockton Road**

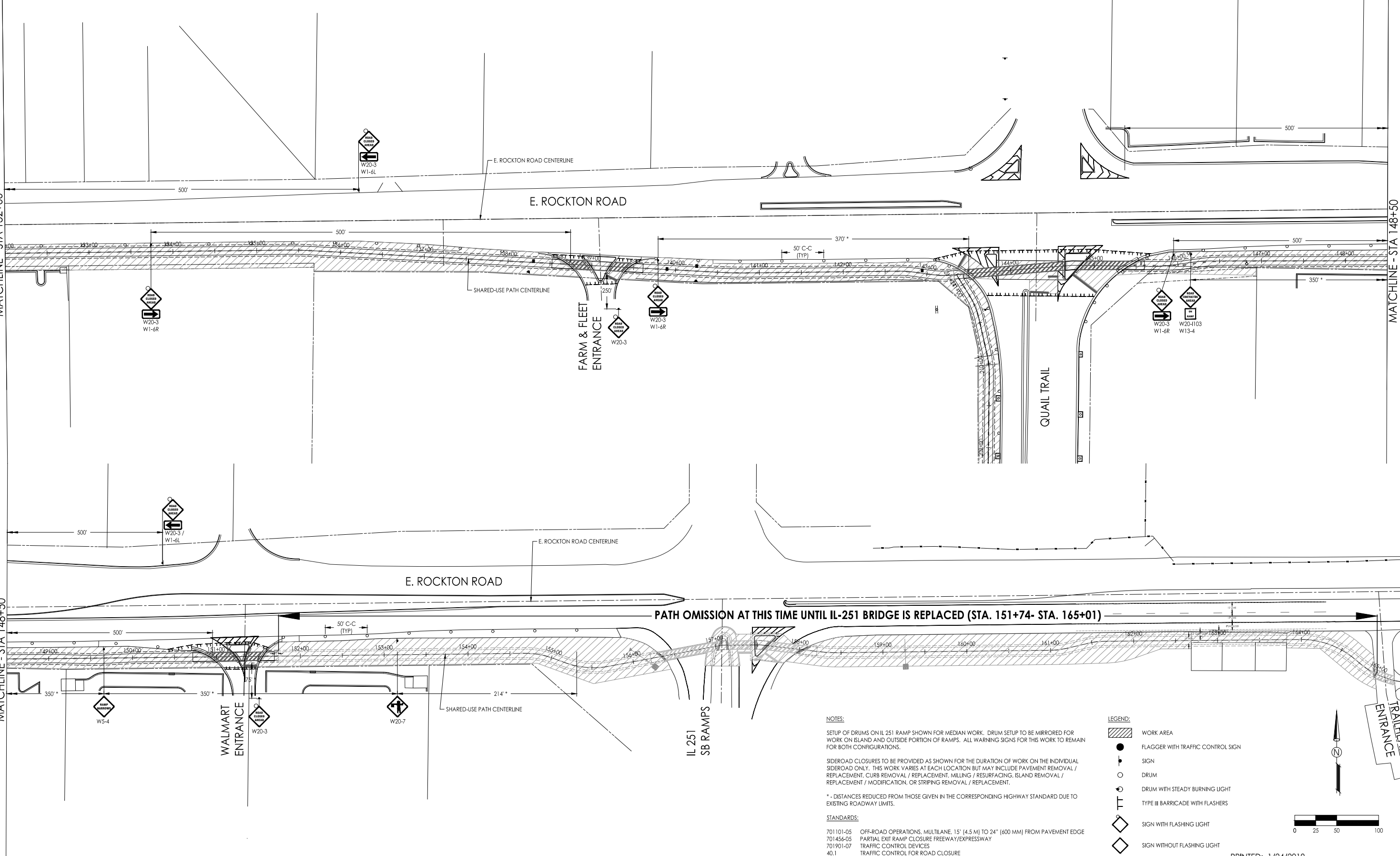
Checked By:	Drawn By:	Sheet
KCB	KRL	15 of 51

MATCHLINE - STA 132+00

MATCHLINE - STA 148+50

MATCHLINE - STA 148+50

TRAILHEAD ENTRANCE



PATH OMISSION AT THIS TIME UNTIL IL-251 BRIDGE IS REPLACED (STA. 151+74- STA. 165+01)

NOTES:

SETUP OF DRUMS ON IL 251 RAMP SHOWN FOR MEDIAN WORK. DRUM SETUP TO BE MIRRORED FOR WORK ON ISLAND AND OUTSIDE PORTION OF RAMPS. ALL WARNING SIGNS FOR THIS WORK TO REMAIN FOR BOTH CONFIGURATIONS.

SIDEROAD CLOSURES TO BE PROVIDED AS SHOWN FOR THE DURATION OF WORK ON THE INDIVIDUAL SIDEROAD ONLY. THIS WORK VARIES AT EACH LOCATION BUT MAY INCLUDE PAVEMENT REMOVAL / REPLACEMENT, CURB REMOVAL / REPLACEMENT, MILLING / RESURFACING, ISLAND REMOVAL / REPLACEMENT / MODIFICATION, OR STRIPING REMOVAL / REPLACEMENT.

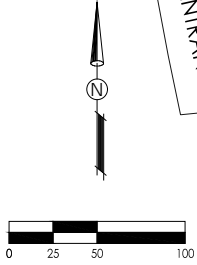
\* - DISTANCES REDUCED FROM THOSE GIVEN IN THE CORRESPONDING HIGHWAY STANDARD DUE TO EXISTING ROADWAY LIMITS.

STANDARDS:

701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE  
 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY  
 701901-07 TRAFFIC CONTROL DEVICES  
 40.1 TRAFFIC CONTROL FOR ROAD CLOSURE

LEGEND:

- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- SIGN
- DRUM
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADE WITH FLASHERS
- SIGN WITH FLASHING LIGHT
- SIGN WITHOUT FLASHING LIGHT



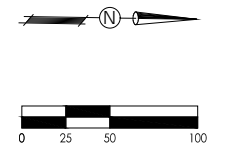
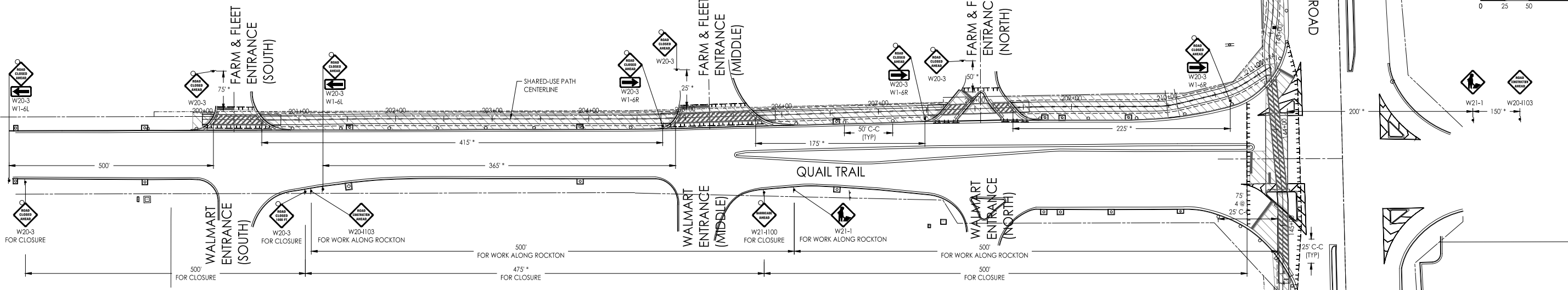
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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAB
1/15/18	REVISED PER IDOT REVIEW (1/2/19)	JAB

E. Rockton Road Pedestrian / Bicycle Facility  
 Traffic Control Plan - Rockton Road

CHECKED BY: KCB DATE: 1/30/18	DRAWN BY: KRL DATE: 1/30/18	Sheet 16 of 51
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**NOTES:**

SIDEROAD CLOSURES TO BE PROVIDED AS SHOWN FOR THE DURATION OF WORK ON THE INDIVIDUAL SIDEROAD ONLY. THIS WORK VARIES AT EACH LOCATION BUT MAY INCLUDE PAVEMENT REMOVAL / REPLACEMENT, CURB REMOVAL / REPLACEMENT, MILLING / RESURFACING, ISLAND REMOVAL / REPLACEMENT / MODIFICATION, OR STRIPING REMOVAL / REPLACEMENT.

\* - DISTANCES REDUCED FROM THOSE GIVEN IN THE CORRESPONDING HIGHWAY STANDARD DUE TO EXISTING ROADWAY LIMITS.

**STANDARDS:**

- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701901-07 TRAFFIC CONTROL DEVICES
- 40.1 TRAFFIC CONTROL FOR ROAD CLOSURE

**LEGEND:**

- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- SIGN
- DRUM
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADE WITH FLASHERS
- SIGN WITH FLASHING LIGHT
- SIGN WITHOUT FLASHING LIGHT

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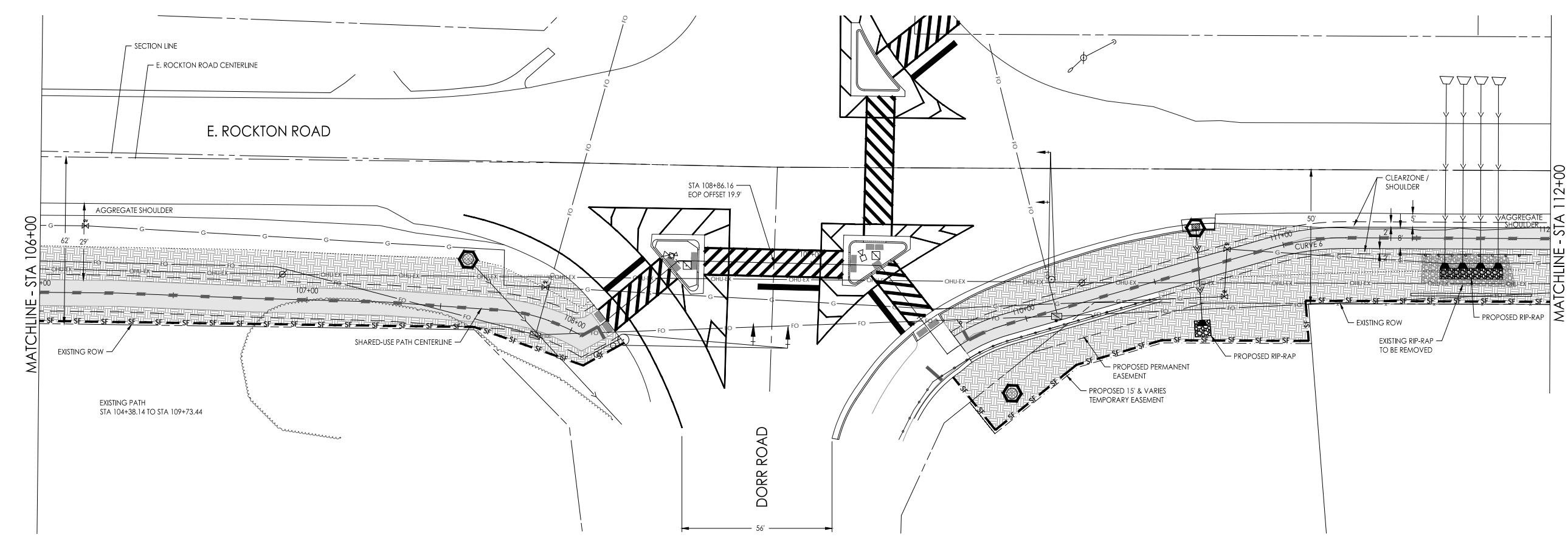
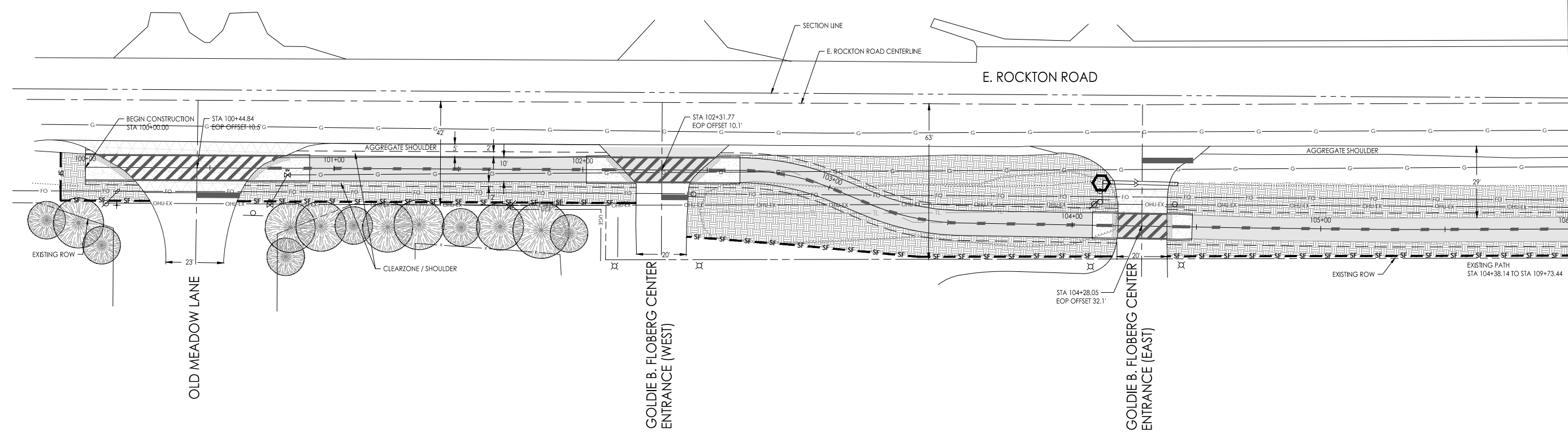
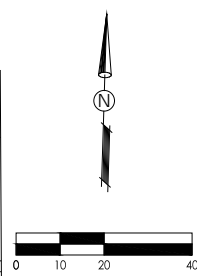
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/17)	JAS



700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
 PHONE: (815) 547-8435, FAX: (815) 544-0421  
 ILLINOIS DESIGN FIRM NO. 184-001260

E. Rockton Road Pedestrian / Bicycle Facility  
 Traffic Control Plan - Quail Trail

CHECKED BY:	DATE:	DRAWN BY:	DATE:	SHEET
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**LEGEND**

- INLET AND PIPE PROTECTION
- IDOT RR-3 RIP-RAP
- PERIMETER EROSION BARRIER
- PARKWAY RESTORATION AND EROSION CONTROL BLANKET

CONCRETE TRUCK WASHOUT TO BE CONSTRUCTED AS REQUIRED



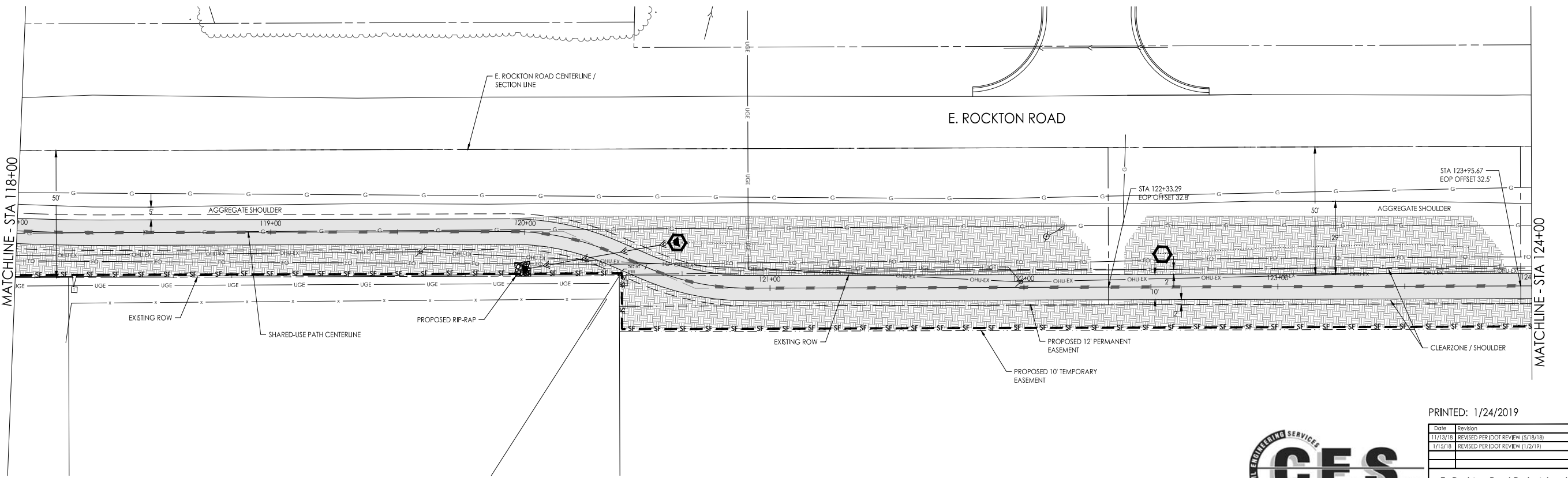
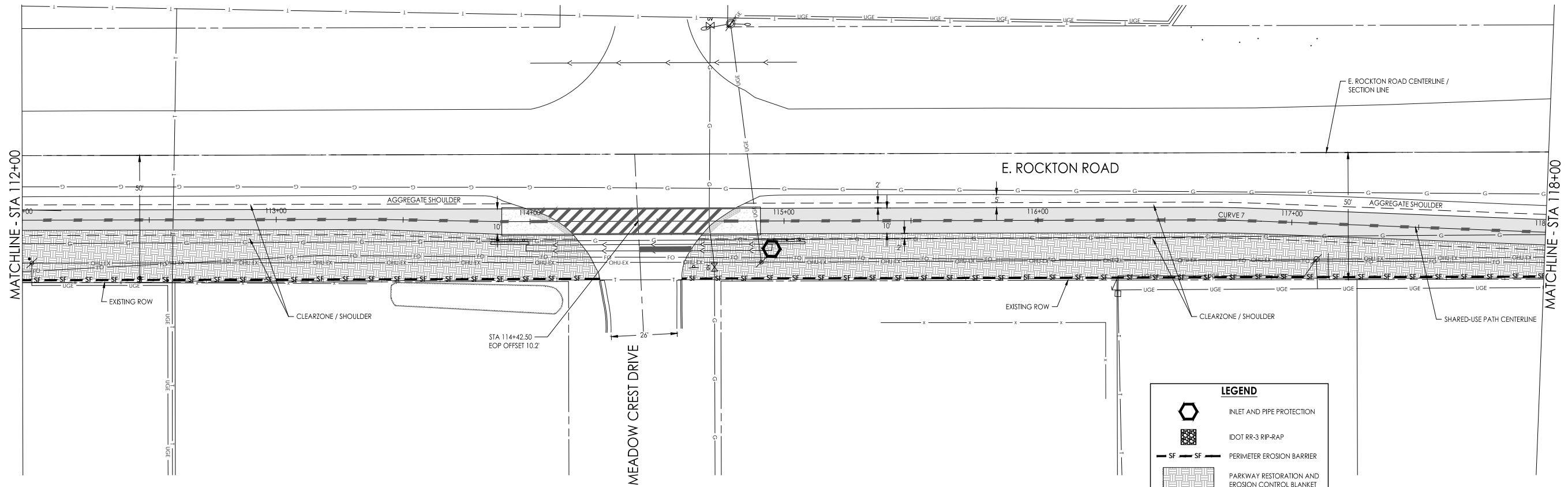
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
 PHONE: (815) 347-8425, FAX: (815) 344-0421  
 ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: 1/24/2019

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/19	REVISED PER IDOT REVIEW (11/21/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
 Erosion Control Plan - Sta 100+00 to Sta 112+00**

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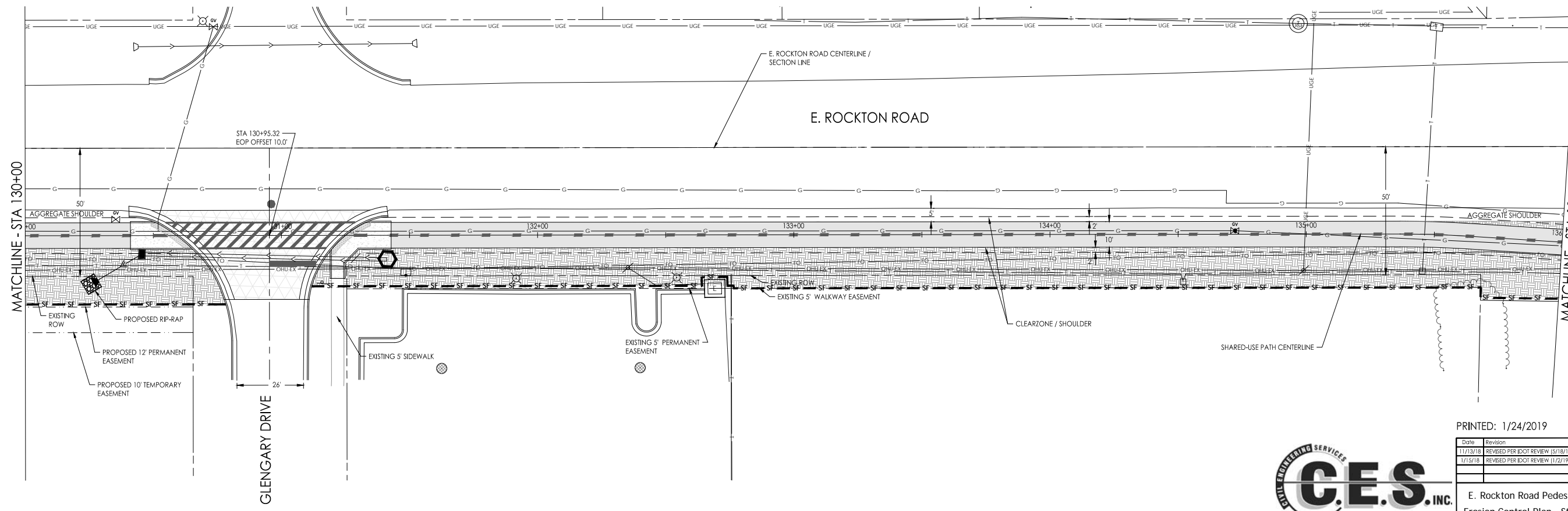
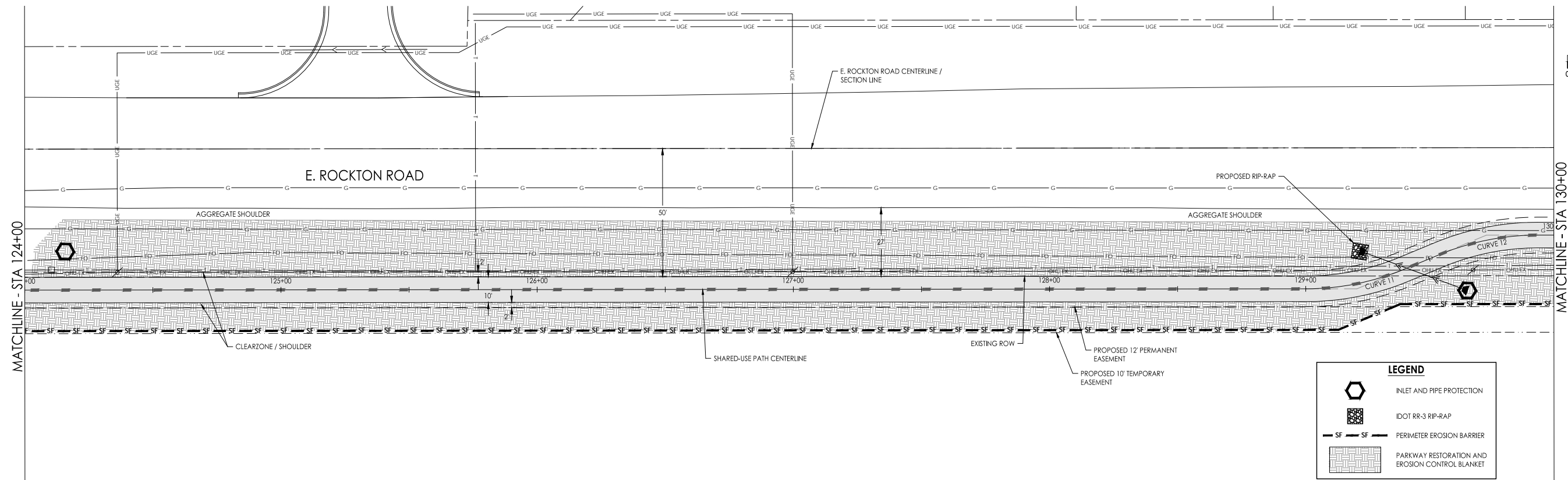
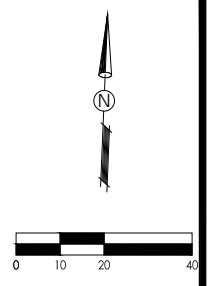
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW 15/18/18	JAB
1/15/19	REVISED PER IDOT REVIEW 11/22/19	JAB



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E. Rockton Road Pedestrian / Bicycle Facility  
 Erosion Control Plan - Sta 112+00 to Sta 124+00

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**LEGEND**

- INLET AND PIPE PROTECTION
- IDOT RR-3 RIP-RAP
- PERIMETER EROSION BARRIER
- PARKWAY RESTORATION AND EROSION CONTROL BLANKET

CONCRETE TRUCK WASHOUT TO BE CONSTRUCTED AS REQUIRED

PRINTED: 1/24/2019

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW 15/18/18	JAS
1/15/19	REVISED PER IDOT REVIEW 11/22/19	JAS



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 ILLINOIS DESIGN FIRM NO. 184-001260

**E. Rockton Road Pedestrian / Bicycle Facility  
 Erosion Control Plan - Sta 124+00 to Sta 136+00**

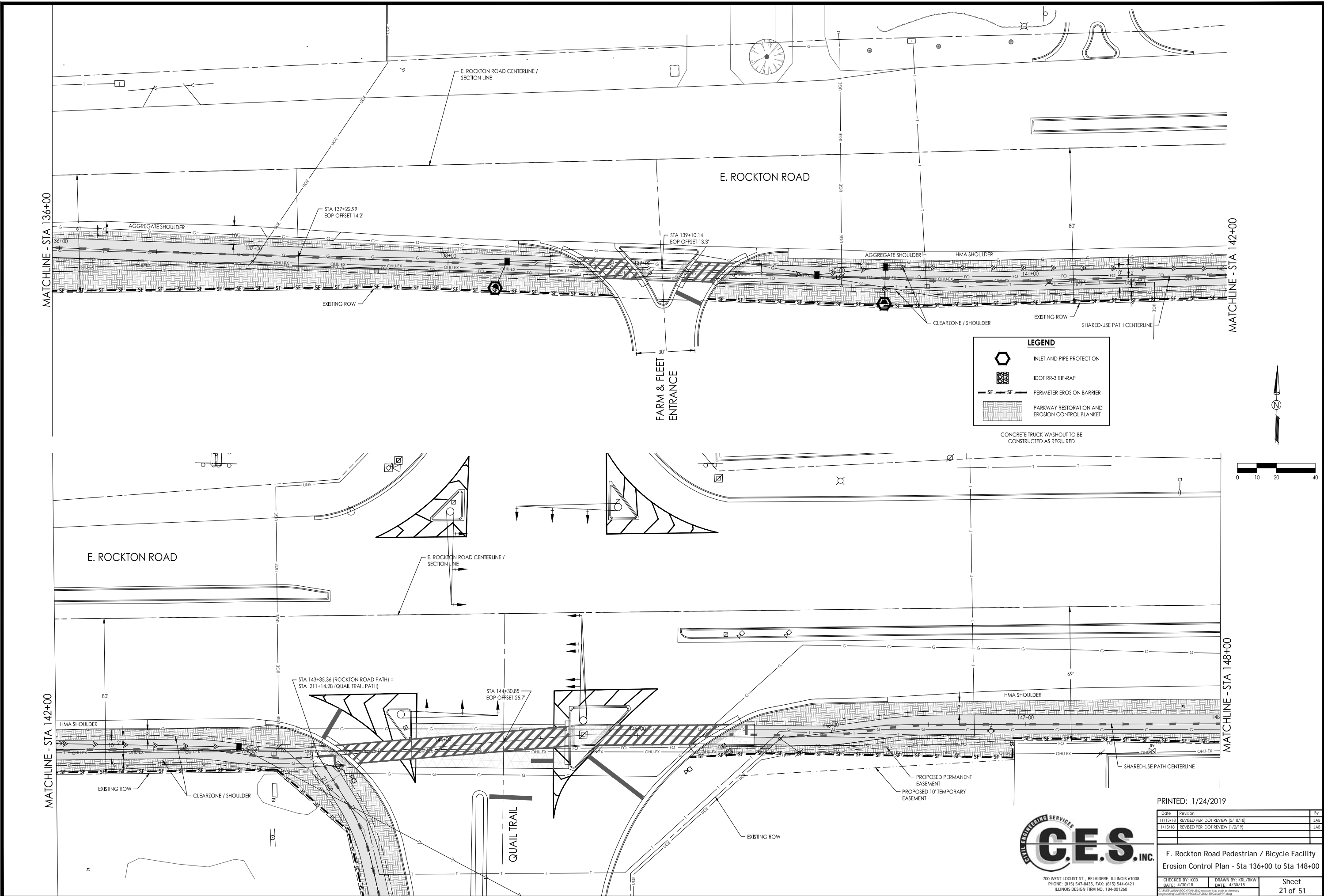
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MATCHLINE - STA 136+00

MATCHLINE - STA 142+00

MATCHLINE - STA 142+00

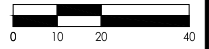
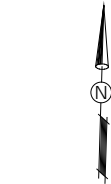
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**LEGEND**

- INLET AND PIPE PROTECTION
- IDOT RR-3 RIP-RAP
- PERIMETER EROSION BARRIER
- PARKWAY RESTORATION AND EROSION CONTROL BLANKET

CONCRETE TRUCK WASHOUT TO BE CONSTRUCTED AS REQUIRED



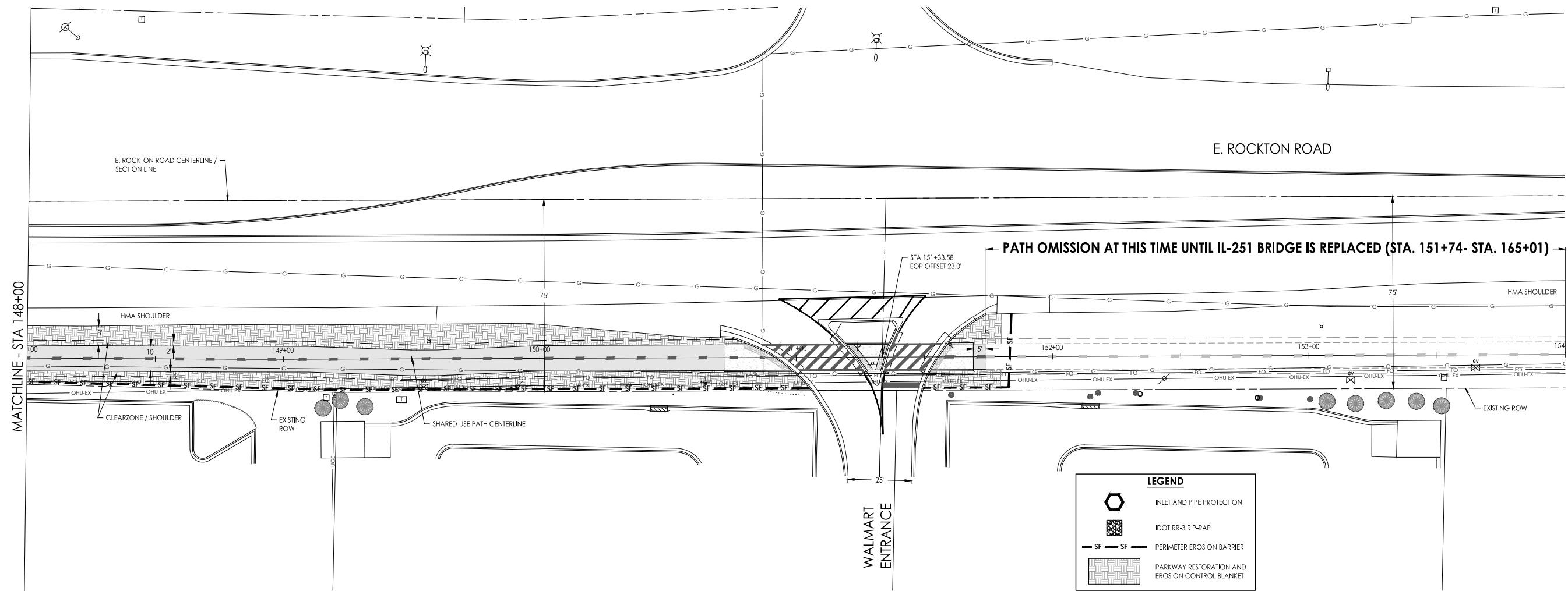
PRINTED: 1/24/2019

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW 15/18/18	JAS
1/15/19	REVISED PER IDOT REVIEW 11/22/19	JAS





**E. Rockton Road Pedestrian / Bicycle Facility**  
**Erosion Control Plan - Sta 136+00 to Sta 148+00**

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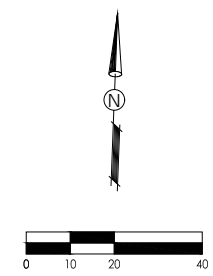
**C.E.S. INC.**  
 CIVIL ENGINEERING SERVICES  
 700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
 PHONE: (815) 547-8435, FAX: (815) 544-0421  
 ILLINOIS DESIGN FIRM NO. 184-001260



**LEGEND**

-  INLET AND PIPE PROTECTION
-  IDOT RR-3 RIP-RAP
-  PERIMETER EROSION BARRIER
-  PARKWAY RESTORATION AND EROSION CONTROL BLANKET

CONCRETE TRUCK WASHOUT TO BE CONSTRUCTED AS REQUIRED



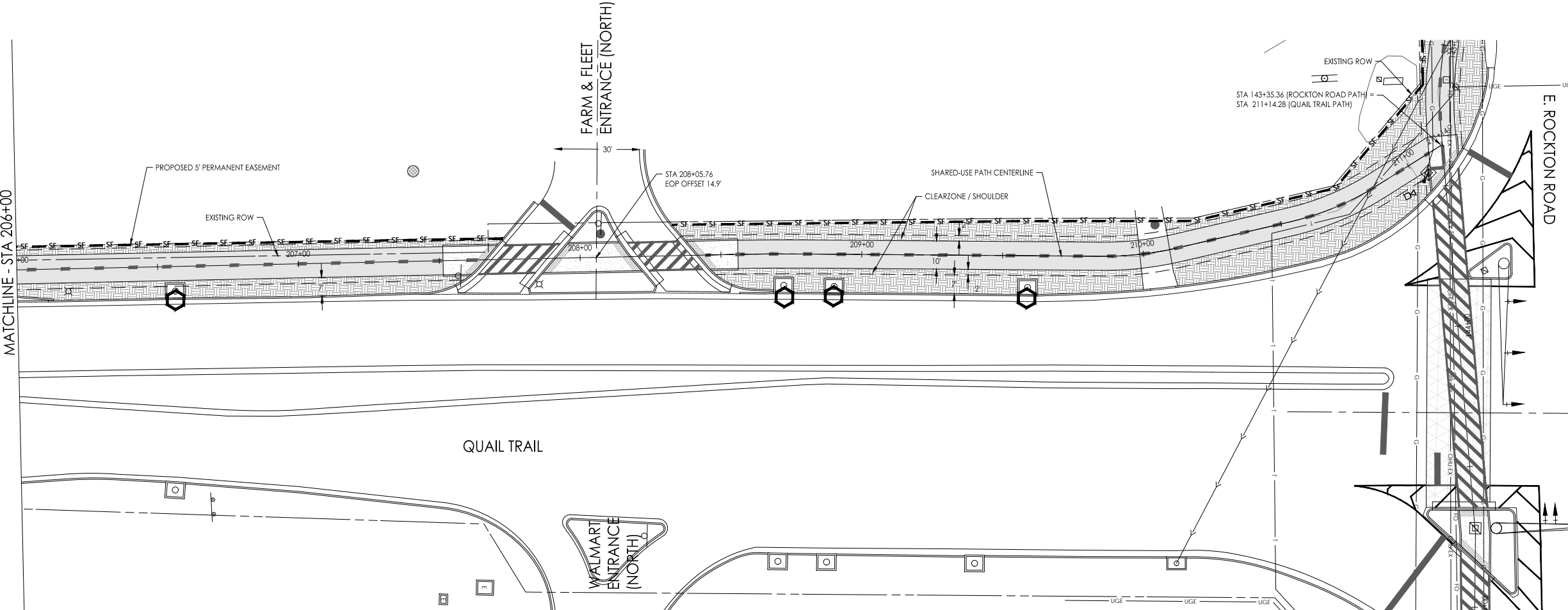
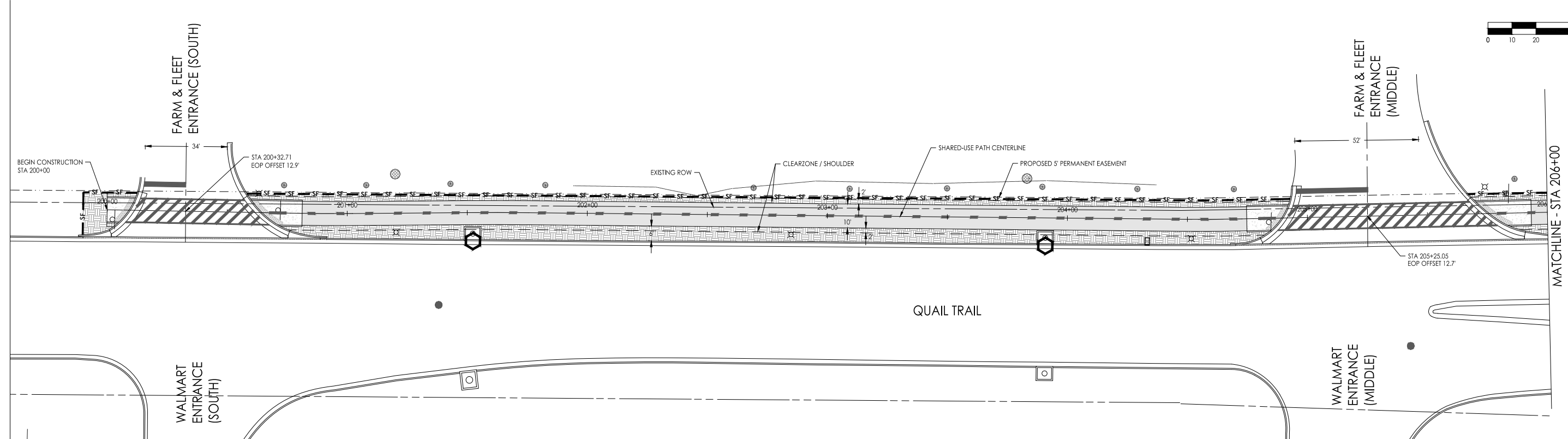
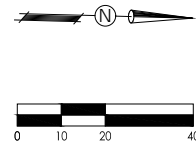
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
 PHONE: (815) 547-8435, FAX: (815) 544-0421  
 ILLINOIS DESIGN FIRM NO. 184-001260

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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/19)	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
 Erosion Control Plan - Sta 148+00 to Sta 154+00

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**LEGEND**

- INLET AND PIPE PROTECTION
- IDOT RR-3 RIP-RAP
- PERIMETER EROSION BARRIER
- PARKWAY RESTORATION AND EROSION CONTROL BLANKET

CONCRETE TRUCK WASHOUT TO BE CONSTRUCTED AS REQUIRED

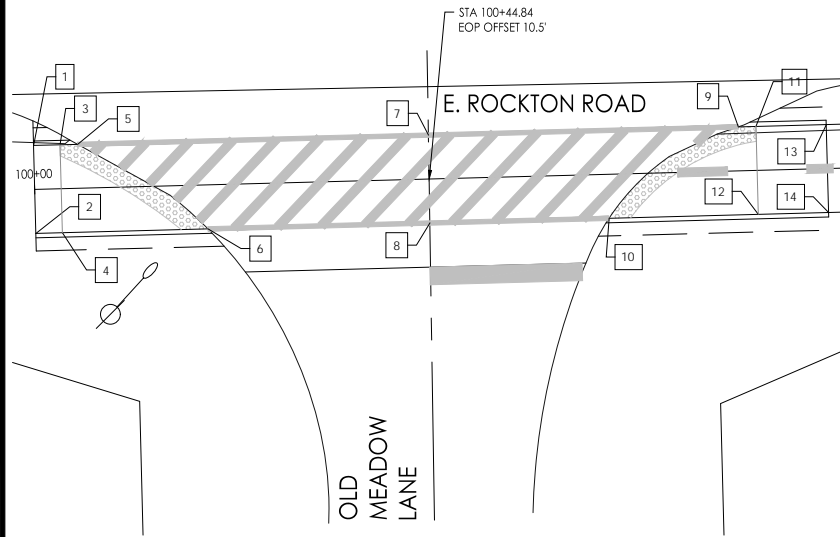
**C.E.S. INC.**  
 CIVIL ENGINEERING SERVICES  
 700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
 PHONE: (815) 347-8425, FAX: (815) 544-0421  
 ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: 1/24/2019

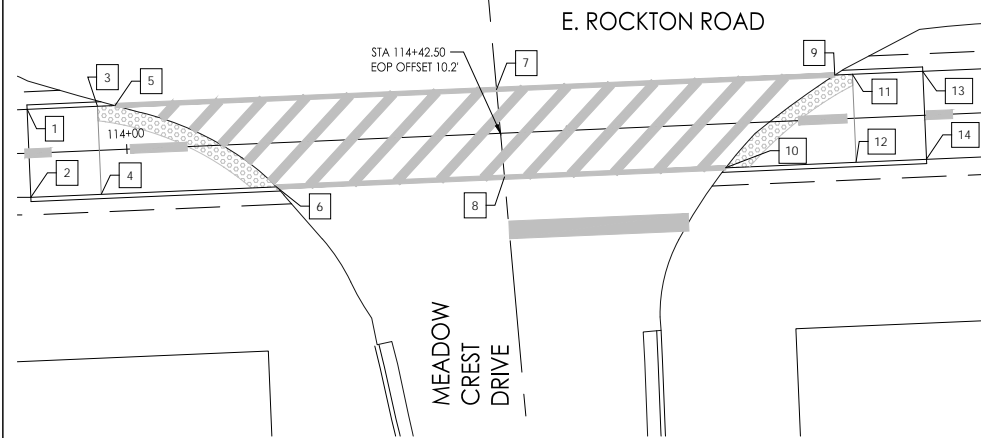
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/19	REVISED PER IDOT REVIEW (1/22/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
 Erosion Control Plan - Sta 200+00 to Sta 211+14**

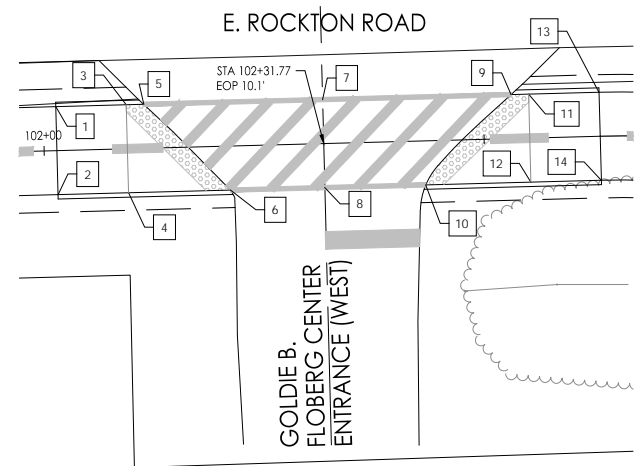
CHECKED BY: KCB	DRAWN BY: KRL/RKW	Sheet
DATE: 4/30/18	DATE: 4/30/18	23 of 51



OLD MEADOW LANE SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	100+00.00	-5	770.94	1 2	10.00	0.15	1.5%
				1 3	3.00	0.14	4.7%
2	100+00.00	5	770.79	2 4	3.00	0.14	4.7%
3	100+03.00	-5	771.08	3 4	10.00	0.15	1.5%
				3 5	2.00	0.03	1.5%
4	100+03.00	5	770.93	4 6	16.56	0.16	1.0%
5	100+05.00	-5	771.11	5 6	17.66	0.34	1.9%
				5 7	39.89	0.05	0.1%
6	100+19.56	5	770.77	6 8	25.22	0.2	0.8%
7	100+44.89	-5	771.16	7 8	10.00	0.19	1.9%
				7 9	35.22	0.05	0.1%
8	100+44.78	5	770.97	8 10	20.37	0.09	0.4%
9	100+80.11	-5	771.21	9 10	17.99	0.33	1.8%
				9 11	2.00	0.03	1.5%
10	100+65.15	5	770.88	10 12	16.96	0.26	1.5%
11	100+82.11	-5	771.18	11 12	10.00	0.04	0.4%
				11 13	8.00	0.11	1.4%
12	100+82.11	5	771.14	12 14	8.00	0	0.0%
13	100+90.11	-5	771.29	13 14	10.00	0.15	1.5%
14	100+90.11	5	771.14				

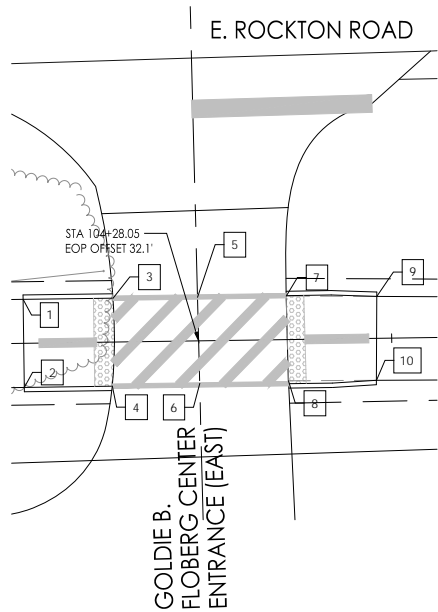
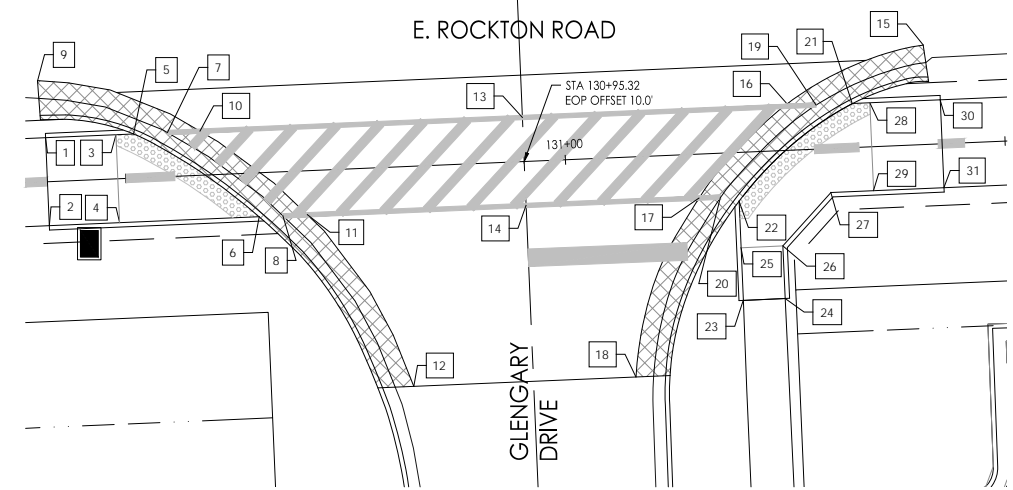


MEADOW CREST DRIVE SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	113+88.87	-5	760.87	1 2	10.00	0.15	1.5%
				1 3	8.00	0.18	2.2%
2	113+88.87	5	760.72	2 4	8.00	0.18	2.2%
3	113+96.87	-5	761.05	3 4	10.00	0.15	1.5%
				3 5	2.00	0.03	1.5%
4	113+96.87	5	760.90	4 6	19.91	0.2	1.0%
5	113+98.87	-5	761.08	5 6	20.51	0.02	0.1%
				5 7	43.39	0.37	0.9%
6	114+16.78	5	761.1	6 8	25.95	0.36	1.4%
7	114+42.26	-5	761.45	7 8	10.01	0.01	0.1%
				7 9	38.47	0.09	0.2%
8	114+42.73	5	761.46	8 10	25.16	0.08	0.3%
9	114+80.73	-5	761.54	9 10	16.27	0.16	1.0%
				9 11	2.00	0.03	1.5%
10	114+67.89	5	761.38	10 12	14.84	0.02	0.1%
11	114+82.73	-5	761.51	11 12	10.00	0.15	1.5%
				11 13	8.00	0.16	2.0%
12	114+82.73	5	761.36	12 14	8.00	0.16	2.0%
13	114+90.73	-5	761.35	13 14	10.00	0.15	1.5%
14	114+90.73	5	761.2				



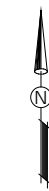
GOLDBIE B. FLOBERG CENTER ENTRANCE (WEST) SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	102+01.45	-5	771.63	1 2	10.00	0.15	1.5%
				1 3	8.00	0.37	4.6%
2	102+01.45	5	771.48	2 4	8.00	0.29	3.6%
3	102+09.45	-5	771.26	3 4	10.00	0.07	0.7%
				3 5	2.00	0.03	1.5%
4	102+09.45	5	771.19	4 6	11.59	0.1	0.9%
5	102+11.45	-5	771.23	5 6	13.86	0.06	0.4%
				5 7	20.33	0.41	2.0%
6	102+21.04	5	771.29	6 8	10.73	0.32	3.0%
7	102+31.78	-5	771.64	7 8	10.00	0.03	0.3%
				7 9	21.41	0.03	0.1%
8	102+31.77	5	771.61	8 10	11.46	0.24	2.1%
9	102+53.19	-5	771.61	9 10	14.11	0.24	1.7%
				9 11	2.00	0.03	1.5%
10	102+43.23	5	771.37	10 12	11.96	0.06	0.5%
11	102+55.19	-5	771.58	11 12	10.00	0.15	1.5%
				11 13	8.00	0.07	0.9%
12	102+55.19	5	771.43	12 14	8.00	0.07	0.9%
13	102+63.19	-5	771.51	13 14	10.00	0.15	1.5%
14	102+63.19	5	771.36				

GLENGARY DRIVE SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	130+41.09	-5	773.93	1 2	10.00	0.15	1.5%
				1 3	8.00	0.39	4.9%
2	130+41.09	5	773.78	2 4	8.00	0.39	4.9%
3	130+49.09	-5	773.54	3 4	10.00	0.15	1.5%
				3 5	2.00	0.03	1.5%
4	130+49.09	5	773.39	4 6	15.87	0.2	1.3%
5	130+51.09	-5	773.51	5 6	17.10	0.32	1.9%
				5 7		0.03	
6	130+64.96	5	773.19	6 8		0.03	
7	130+54.96	-5	773.54	7 8	16.16	0.32	2.0%
				7 10	3.70	0.05	1.4%
8	130+67.65	5	773.22	8 11	2.79	0.07	2.5%
9	130+40.46	-11.52	774.03	9 10	19.33	0.44	2.3%
10	130+58.66	-5	773.59	10 11	15.45	0.3	1.9%
				10 13	36.66	0.49	1.3%
11	130+70.44	5	773.29	11 12	22.96	1.03	4.5%
				11 14	24.88	0.6	2.4%
12	130+81.71	25	772.26				
13	130+95.32	-5	774.08	13 14	10.00	0.19	1.9%
				13 16	29.73	0.14	0.5%
14	130+95.32	5	773.89	14 17	19.67	0.22	1.1%
15	131+41.17	-11.29	774.38	15 16	17.30	0.44	2.5%
16	131+25.05	-5	773.94	16 17	14.18	0.27	1.9%
				16 19	3.67	0.02	0.5%
17	131+14.99	5	773.67	17 18	21.55	0.89	4.1%
				17 20	2.45	0.03	1.2%
18	131+06.97	25	772.78				
19	131+28.72	-5	773.92	19 20	15.07	0.28	1.9%
				19 21		0.03	
20	131+17.44	5	773.64	20 22		0.03	
21	131+32.84	-5	773.89	21 22	16.99	0.28	1.6%
				21 28	2.00	0.03	1.5%
22	131+19.52	5.54	773.61	22 25	5.30	0.07	1.3%
				22 27	10.48	0.11	1.0%
23	131+19.52	16.83	773.75	23 24	4.76	0.03	0.6%
				23 25	5.99	0.07	1.2%
24	131+24.28	16.81	773.72	24 26	5.97	0.02	0.3%
25	131+19.52	10.84	773.68	25 26	4.76	0.02	0.4%
26	131+24.28	10.84	773.7	26 27	8.17	0.02	0.2%
27	131+29.99	5	773.72	27 29	4.85	0.05	1.0%
28	131+34.84	-5	773.92	28 29	10.00	0.15	1.5%
				28 30	8.00	0.34	4.3%
29	131+34.84	5	773.77	29 31	8.00	0.34	4.3%
30	131+42.84	-5	774.26	30 31	10.00	0.15	1.5%
31	131+42.84	5	774.11				



GOLDBIE B. FLOBERG CENTER ENTRANCE (EAST) SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	104+08.17	-5	771.29	1 2	10.00	0.15	1.5%
				1 3	10.22	0.08	0.8%
2	104+08.17	5	771.44	2 4	10.00	0.12	1.2%
3	104+18.39	-5	771.37	3 4	10.00	0.19	1.9%
				3 5	9.61	0.05	0.5%
4	104+18.17	5	771.56	4 6	9.94	0.05	0.5%
5	104+28.00	-4.98	771.42	5 6	9.82	0.19	1.9%
				5 7	10.08	0.06	0.6%
6	104+28.11	4.84	771.61	6 8	10.10	0.05	0.5%
7	104+38.08	-4.96	771.48	7 8	9.64	0.18	1.9%
				7 9	10.29	0.19	1.8%
8	104+38.21	4.68	771.66	8 10	9.98	0.23	2.3%
9	104+48.37	-4.77	771.29	9 10	9.53	0.14	1.5%
10	104+48.19	4.76	771.43				

NOTE:  
THE ADA RAMPS AT DORR ROAD ARE NOT BEING MODIFIED WITH THIS PROJECT AND ARE NOT INCLUDED IN THESE ADA DETAILS.



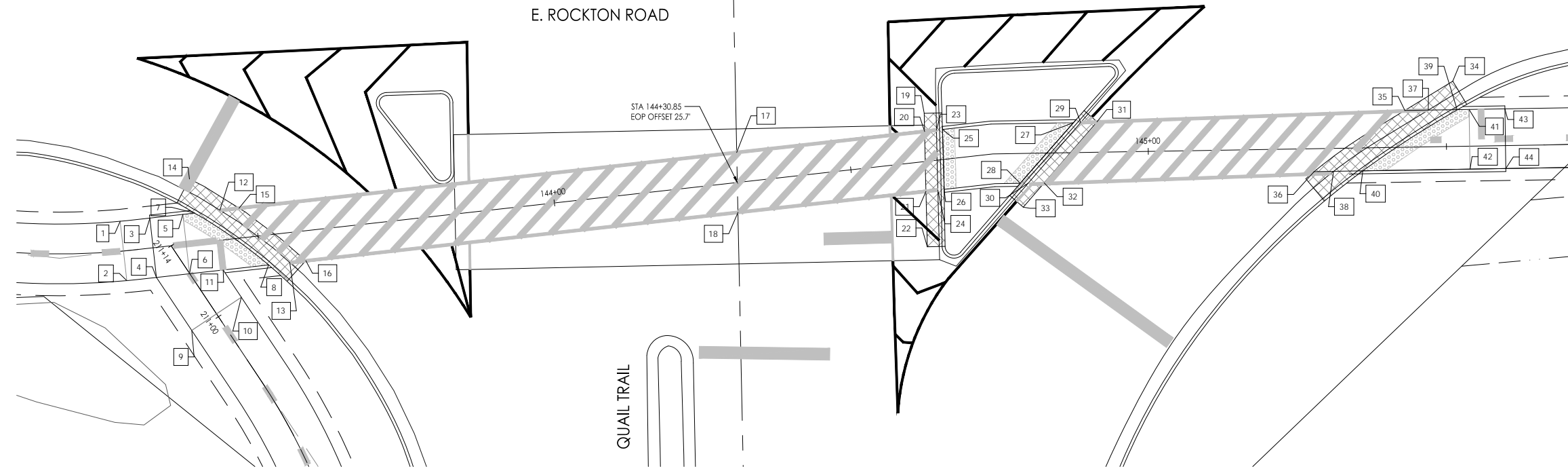
PRINTED: 1/24/2019

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (1/22/18)	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
ADA Ramp Details

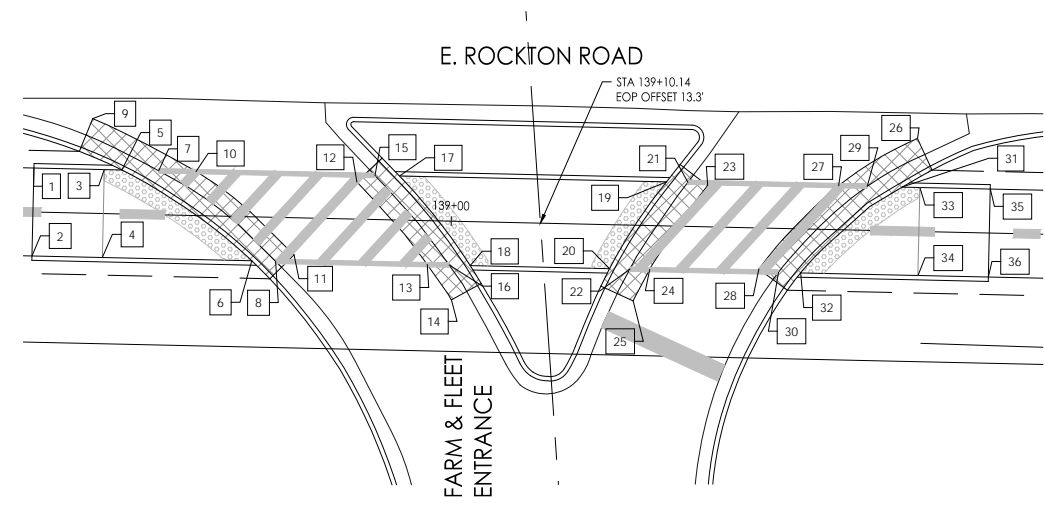
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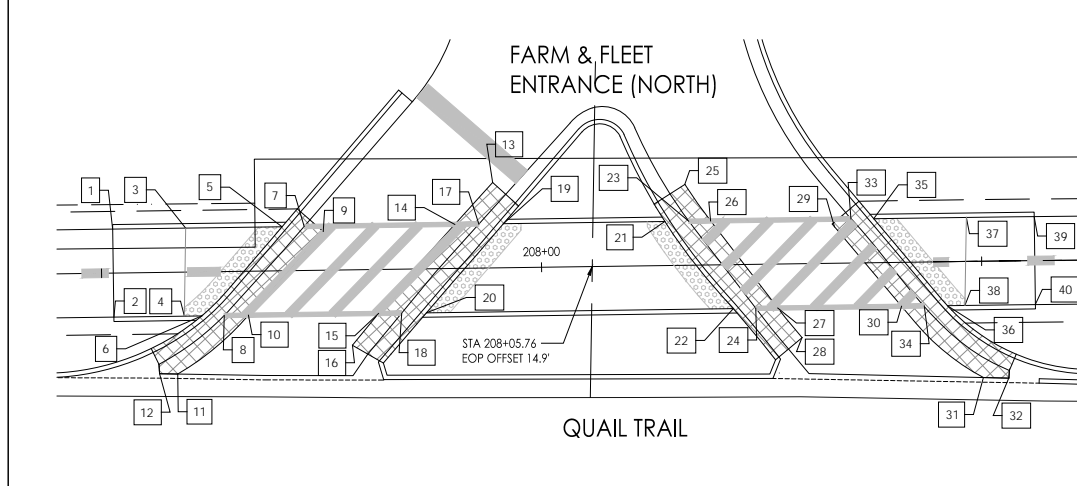
QUAIL TRAIL SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	143+27.31	-5	772.15	1 2	10.00	0.15	1.5%
				1 3	5.00	0.21	4.2%
2	143+27.31	5	772	2 4	5.00	0.21	4.2%
3	143+32.31	-5	771.94	3 4	10.00	0.15	1.5%
				3 5	5.58	0.08	1.4%
4	143+32.31	5	771.79	4 6	5.58	0.03	0.5%
				4 9	10.66	0.29	2.7%
5	143+37.89	-5	771.86	5 6	10.00	0.1	1.0%
				5 7	2.00	0.03	1.5%
6	143+37.89	5	771.76	6 11	5.68	0.04	0.7%
7	143+39.89	-5	771.83	7 8	15.11	0.15	1.0%
				7 12		0.06	
8	143+51.22	5	771.68	8 11	7.65	0.04	0.5%
				8 13		0.06	
9	143+37.21	14.47	772.08	9 10	10.00	0.15	1.5%
10	143+46.09	9.88	771.93	10 11	5.49	0.21	3.8%
11	143+43.57	5	771.72				
12	143+44.14	-5	771.89	12 13	14.62	0.15	1.0%
				12 15	3.23	0.05	1.5%
13	143+54.80	5	771.74	13 16	2.71	0.03	1.1%
14	143+39.65	-10.79	772.15	14 15	9.65	0.21	2.2%
15	143+47.37	-5	771.94	15 16	14.24	0.17	1.2%
				15 17	83.94	0.58	0.7%
16	143+57.51	5	771.77	16 18	72.89	0.6	0.8%
17	144+31.31	-5	772.52	17 18	10.04	0.15	1.5%
				17 20	31.68	0.27	0.9%
18	144+30.40	5	772.37	18 21	31.71	0.27	0.9%
19	144+63.27	-8.04	772.33	19 20	3.05	0.08	2.6%
20	144+62.99	-5	772.25	20 21	10.04	0.15	1.5%
				20 23	2.01	0.02	1.0%
21	144+62.11	5	772.1	21 22	9.28	0.04	0.4%
				21 24	2.00	0.02	1.0%
22	144+61.31	14.25	772.06				
23	144+65.00	-5	772.23	23 24	10.04	0.15	1.5%
				23 25		0.02	
24	144+64.11	5	772.08	24 26	10.04	0.15	1.5%
25	144+66.01	-5	772.25	25 26	10.04	0.15	1.5%
				25 27	21.53	0.13	0.6%
26	144+65.17	5	772.10	26 28	13.29	0.17	1.3%
27	144+87.54	-5	772.12	27 28	13.51	0.19	1.4%
				27 29		0.02	
28	144+78.46	5	771.93	28 30	13.42	0.19	1.4%
29	144+88.74	-5	772.10	29 30	13.42	0.19	1.4%
				29 31	2.76	0.03	1.1%
30	144+79.79	5	771.91	30 32	2.68	0.03	1.1%
31	144+91.50	-5.09	772.07	31 32	13.54	0.19	1.4%
				31 35	49.62	0.49	1.0%
32	144+82.47	5	771.88	32 33	5.36	0.1	1.9%
				32 36	43.86	0.46	1.0%
33	144+78.90	9	771.78				
34	145+51.23	-10.93	771.74	34 35	9.44	0.16	1.7%
35	145+43.09	-6.16	771.58	35 36	18.34	0.16	0.9%
				35 37	3.94	0.04	1.0%
36	145+27.74	3.84	771.42	36 38	3.27	0.03	0.9%
37	145+47.03	-6.16	771.54	37 38	18.90	0.15	0.8%
				37 39		0.06	
38	145+31.01	3.84	771.39	38 40		0.06	
39	145+51.89	-6.16	771.48	39 40	18.90	0.15	0.8%
				39 41	2.00	0.03	1.5%
40	145+35.90	3.84	771.33	40 42	17.99	0.08	0.4%
41	145+53.89	-6.16	771.51	41 42	10.00	0.1	1.0%
				41 43	6.00	0.27	4.5%
42	145+53.89	3.84	771.41	42 44	6.00	0.22	3.7%
43	145+59.89	-6.16	771.78	43 44	10.00	0.15	1.5%
44	145+59.89	3.84	771.63				

FARM & FLEET ENTRANCE SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	138+52.45	-5	773.43	1 2	10.00	0.15	1.5%
				1 3	8.00	0.21	2.6%
2	138+52.45	5	773.28	2 4	8.00	0.21	2.6%
3	138+60.45	-5	773.64	3 4	10.00	0.15	1.5%
				3 5	2.00	0.03	1.5%
4	138+60.45	5	773.49	4 6	17.00	0.1	0.6%
5	138+62.45	-5	773.67	5 6	18.03	0.08	0.4%
				5 7		0.03	
6	138+77.45	5	773.59	6 8		0.03	
7	138+66.64	-5	773.7	7 8	16.80	0.08	0.5%
				7 10	4.25	0.07	1.6%
8	138+80.14	5	773.62	8 11	2.22	0.02	0.9%
9	138+59.01	-10.74	773.85	9 10	13.19	0.08	0.6%
10	138+70.89	-5	773.77	10 11	14.61	0.13	0.9%
				10 12	18.30	0.12	0.7%
11	138+82.22	4.22	773.64	11 13	15.18	0.12	0.8%
12	138+89.17	-4.23	773.89	12 13	12.35	0.13	1.1%
				12 15	2.19	0.01	0.5%
13	138+97.38	5	773.76	13 14	4.86	0.16	3.3%
				13 16	2.49	0.02	0.8%
14	139+00.21	8.95	773.6				
15	138+91.22	-5	773.9	15 17		0.03	
				15 16	13.22	0.12	0.9%
16	138+99.87	5	773.78	16 18		0.03	
17	138+94.00	-5	773.87	17 18	12.98	0.12	0.9%
				17 19	30.36	0.09	0.3%
18	139+02.27	5	773.75	18 20	15.84	0.09	0.6%
19	139+24.36	-5	773.78	19 20	11.79	0.12	1.0%
				19 21		0.03	
20	139+18.11	5	773.66	20 22		0.03	
21	139+26.79	-5	773.81	21 22	11.86	0.12	1.0%
				21 23	2.26	0.03	1.3%
22	139+20.42	5	773.69	22 24	2.24	0.03	1.3%
23	139+29.03	-4.69	773.78	23 24	11.60	0.12	1.0%
				23 27	14.90	0.18	1.2%
24	139+22.66	5	773.66	24 25	4.03	0.03	0.7%
				24 28	12.41	0.19	1.5%
25	139+20.87	8.61	773.63				
26	139+52.77	-10.56	773.69	26 27	10.44	0.09	0.9%
27	139+43.93	-5	773.6	27 28	13.13	0.13	1.0%
				27 29	3.25	0.05	1.5%
28	139+35.07	4.69	773.47	28 30	2.26	0.03	1.3%
29	139+47.18	-5	773.55	29 30	14.05	0.11	0.8%
				29 31		0.03	
30	139+37.31	5	773.44	30 32		0.03	
31	139+51.16	-5	773.52	31 32	15.12	0.11	0.7%
				31 33	2.00	0.03	1.5%
32	139+39.82	5	773.41	32 34	13.34	0.07	0.5%
33	139+53.16	-5	773.49	33 34	10.00	0.15	1.5%
				33 35	8.00	0.05	0.6%
34	139+53.16	5	773.34	34 36	8.00	0.05	0.6%
35	139+61.16	-5	773.44	35 36	10.00	0.15	1.5%
36	139+61.16	5	773.29				

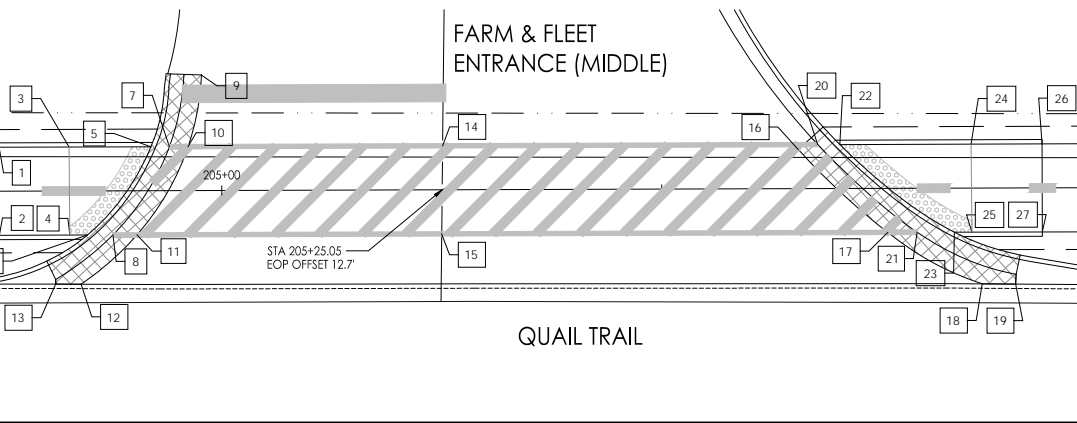


WALMART ENTRANCE SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	150+71.86	-5	771.49	1 2	10.00	0.15	1.5%
				1 3	8.00	0.16	2.0%
2	150+71.86	5	771.34	2 4	8.00	0.16	2.0%
3	150+79.86	-5	771.33	3 4	10.00	0.15	1.5%
				3 5	2.00	0.03	1.5%
4	150+79.86	5	771.18	4 6	18.28	0.02	0.1%
5	150+81.86	-5	771.3	5 6	19.11	0.14	0.7%
				5 7		0.03	
6	150+98.14	5	771.16	6 8		0.03	
7	150+86.76	-5	771.33	7 8	17.50	0.14	0.8%
				7 10	4.30	0.03	0.7%
8	151+01.12	5	771.19	8 11	2.15	0.01	0.5%
9	150+70.64	-12.55	771.66	9 10	21.77	0.3	1.4%
10	150+91.06	-5	771.36	10 11	15.02	0.16	1.1%
				10 13	24.12	0.16	0.7%
11	151+03.05	4.05	771.2	11 14	20.61	0.13	0.6%
12	151+13.14	-7.01	771.68	12 13	2.86	0.16	5.6%
13	151+15.18	-5	771.52	13 14	13.10	0.19	1.5%
				13 16	2.85	0.02	0.7%
14	151+23.64	5	771.33	14 15	2.46	0.01	0.4%
				14 17	2.40	0.02	0.8%
15	151+25.00	7.05	771.32				
16	151+18.03	-5	771.54	16 17	12.81	0.19	1.5%
				16 18		0.01	
17	151+26.04	5	771.35	17 19		0.01	
18	151+19.79	-5	771.53	18 19	12.69	0.19	1.5%
				18 20	16.28	0.06	0.4%
19	151+27.60	5	771.34	19 21	5.41	0.15	2.8%
20	151+36.07	-5	771.59	20 21	10.46	0.1	1.0%
				20 22		0.01	
21	151+33.01	5	771.49	21 23		0.01	
22	151+37.42	-5	771.6	22 23	10.47	0.1	1.0%
				22 25	2.18	0.03	1.4%
23	151+34.33	5	771.5	23 26	2.08	0.02	1.0%
24	151+41.50	-9.29	771.64	24 25	4.69	0.07	1.5%
25	151+39.60	-5	771.57	25 26	10.50	0.09	0.9%
				25 29	14.69	0.23	1.6%
26	151+36.41	5	771.48	26 27	1.03	0.05	4.9%
				26 30	11.71	0.11	0.9%
27	151+36.14	5.99	771.43				
28	151+58.09	-9.68	771.40	28 29	6.03	0.06	1.0%
29	151+54.29	-5	771.34	29 30	11.75	0.03	0.3%
				29 32	2.45	0.04	1.6%
30	151+48.12	5	771.37	30 31	0.45	0	0.0%
				30 33	2.21	0.02	0.9%
31	151+47.94	5.41	771.37				
32	151+56.74	-5	771.30	32 33	11.88	0.05	0.4%
				32 34		0.03	
33	151+50.33	5	771.35	33 35		0.03	
34	151+59.09	-5	771.27	34 35	11.94	0.05	

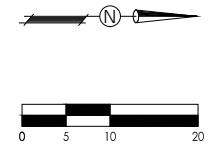
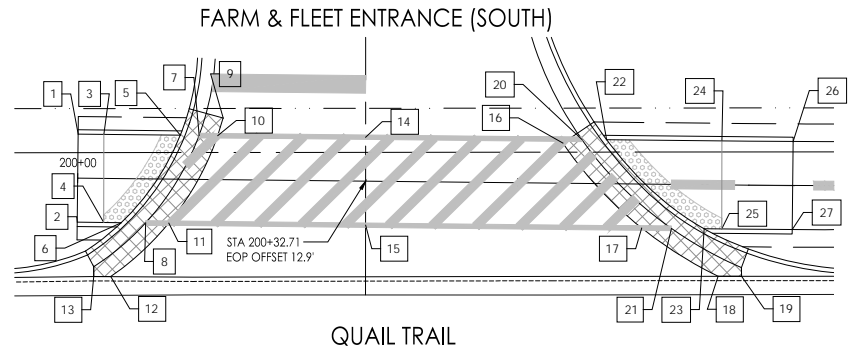
FARM & FLEET ENTRANCE (MIDDLE) SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	204+74.72	-5	770.14	1 2	10.00	0.15	1.5%
2	204+74.72	5	769.99	1 3	8.00	0.13	1.6%
3	204+82.72	-5	770.01	2 4	8.00	0.13	1.6%
4	204+82.72	5	769.86	3 4	10.00	0.15	1.5%
5	204+91.98	-5	769.97	3 5	9.26	0.04	0.4%
6	204+84.72	5	769.83	4 6	2.00	0.03	1.5%
7	204+94.07	-5	770.00	5 6	12.36	0.14	1.1%
8	204+87.62	5	769.86	5 7		0.03	
9	204+97.75	-13.13	770.19	6 8	11.90	0.14	1.2%
10	204+96.20	-5	770.01	7 10	2.13	0.01	0.5%
11	204+90.36	5	769.88	8 11	2.74	0.02	0.7%
12	204+84.00	10.58	769.85	9 10	8.28	0.18	2.2%
13	204+81.10	10.56	769.83	10 11	11.58	0.13	1.1%
14	205+25.12	-5	770.22	10 14	28.92	0.21	0.7%
15	205+24.98	5	770.03	11 12	8.46	0.03	0.4%
16	205+65.54	-4.45	769.92	11 15	34.62	0.15	0.4%
17	205+75.68	5	769.67	12 13	2.90	0.02	0.7%
18	205+86.40	10.88	769.49	14 15	10.00	0.19	1.9%
19	205+90.19	10.91	769.46	14 16	40.42	0.3	0.7%
20	205+67.74	-5	769.90	15 17	50.70	0.36	0.7%
21	205+79.02	5	769.65	16 17	13.86	0.25	1.8%
22	205+70.26	-5	769.87	16 20	2.27	0.02	0.9%
23	205+83.24	5	769.62	17 18	12.23	0.18	1.5%
24	205+85.24	-5	769.80	17 21	3.34	0.02	0.6%
25	205+85.24	5	769.65	18 19	3.79	0.03	0.8%
26	205+93.24	-5	770.19	20 21	15.07	0.25	1.7%
27	205+93.24	5	770.04	20 22		0.03	
				21 23		0.03	
				22 23	16.39	0.25	1.5%
				22 24	14.98	0.07	0.5%
				23 25	2.00	0.03	1.5%
				24 25	10.00	0.15	1.5%
				24 26	8.00	0.39	4.9%
				25 27	8.00	0.39	4.9%
				26 27	10.00	0.15	1.5%



FARM & FLEET ENTRANCE (NORTH) SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	207+51.33	-5	770.24	1 2	10.00	0.15	1.5%
2	207+51.33	5	770.09	1 3	8.00	0.2	2.5%
3	207+59.33	-5	770.04	2 4	8.00	0.18	2.3%
4	207+59.33	5	769.91	3 4	10.00	0.13	1.3%
5	207+70.58	-5	769.87	3 5	11.25	0.17	1.5%
6	207+61.33	5	769.89	4 6	2.00	0.02	1.0%
7	207+73.10	-5	769.9	5 6	13.62	0.02	0.1%
8	207+63.86	5	769.92	5 7		0.03	
9	207+75.25	-4.4	769.91	6 8	2.23	0.01	0.4%
10	207+66.61	5	769.93	7 9	12.77	0.02	0.2%
11	207+58.50	11.57	769.87	9 14	14.98	0.01	0.1%
12	207+56.43	11.5	769.85	10 11	10.44	0.06	0.6%
13	207+94.58	-9.7	769.84	10 15	14.80	0.08	0.5%
14	207+90.22	-5	769.92	11 12	2.07	0.02	1.0%
15	207+81.41	5	770.01	14 17	2.73	0.01	0.4%
16	207+78.39	8.57	770.01	15 16	4.68	0	0.0%
17	207+92.95	-5	769.93	15 18	2.62	0.01	0.4%
18	207+84.03	5	770.02	17 18	13.40	0.09	0.7%
19	207+95.72	-5	769.9	17 19		0.03	
20	207+86.85	5	769.99	18 20	13.37	0.09	0.7%
21	208+14.08	-5	769.99	19 20	18.36	0.09	0.5%
22	208+21.72	5	770.07	19 21	34.87	0.08	0.2%
23	208+16.80	-5	770.02	20 22	12.58	0.08	0.6%
24	208+24.28	5	770.1	21 23		0.03	
25	208+16.40	-9.18	769.94	22 24	2.48	0.01	0.4%
26	208+19.28	-5	770.03	23 24	12.49	0.08	0.6%
27	208+26.78	5	770.12	23 26	2.50	0.02	0.8%
28	208+29.48	8.41	770.1	24 27	5.08	0.09	1.8%
29	208+33.08	-4.46	770.09	25 26	12.50	0.09	0.7%
30	208+40.98	5	770.22	26 29	13.81	0.06	0.4%
31	208+50.03	13.22	770.02	27 28	4.35	0.02	0.5%
32	208+52.91	13.33	770.02	27 30	14.20	0.1	0.7%
33	208+35.22	-5	770.10	29 30	12.32	0.13	1.1%
34	208+43.43	5	770.24	29 33	2.21	0.01	0.5%
35	208+37.81	-5	770.07	30 31	12.23	0.2	1.6%
36	208+46.04	5	770.21	30 34	2.45	0.02	0.8%
37	208+48.04	-5	770.22	30 32	2.88	0	0.0%
38	208+48.04	5	770.22	31 34		0.03	
39	208+56.03	-5	770.4	33 35		0.03	
40	208+56.03	5	770.25	34 36		0.03	
				35 37	10.23	0.15	1.5%
				36 38	2.00	0.01	0.5%
				37 38	10.00	0	0.0%
				37 39	8.00	0.18	2.3%
				38 40	8.00	0.03	0.4%
				39 40	10.00	0.15	1.5%



FARM & FLEET ENTRANCE (SOUTH) SIDEWALK COMPLIANCE							
Point	Station	Offset	Elevation	Point to Point	Distance	Elevation Difference (abs value)	Slope (abs value)
1	200+00.00	-5	770.28	1 2	10.00	0.15	1.5%
2	200+00.00	5	770.13	1 3	3.00	0.12	4.0%
3	200+03.00	-5	770.16	2 4	3.00	0.12	4.0%
4	200+03.00	5	770.01	3 4	10.00	0.15	1.5%
5	200+11.60	-5	770.13	3 5	8.60	0.03	0.3%
6	200+05.00	5	770.04	4 6	2.00	0.03	1.5%
7	200+13.74	-5	770.16	5 6	11.98	0.09	0.8%
8	200+07.77	5	770.07	5 7		0.03	
9	200+16.45	-7	770.21	6 8	11.65	0.09	0.8%
10	200+15.85	-5	770.15	7 8	2.11	0.01	0.5%
11	200+10.39	5	769.98	7 10	2.11	0.01	0.5%
12	200+03.86	11.14	769.91	8 11	2.62	0.09	3.4%
13	200+01.93	11.15	769.91	8 12	2.09	0.06	2.9%
14	200+32.66	-5	770.06	9 10	11.39	0.17	1.5%
15	200+32.76	5	769.9	10 14	16.81	0.09	0.5%
16	200+55.08	-4.57	770.19	10 11	11.39	0.17	1.5%
17	200+64.14	5	770.11	10 14	16.81	0.09	0.5%
18	200+72.87	10.38	769.77	11 12	8.96	0.07	0.8%
19	200+75.54	10.35	769.75	11 15	22.37	0.08	0.4%
20	200+57.22	-5	770.2	11 15	22.37	0.08	0.4%
21	200+67.52	5	770.13	12 13	1.93	0	0.0%
22	200+60.04	-5	770.17	12 13	1.93	0	0.0%
23	200+71.23	5	770.1	14 15	10.00	0.16	1.6%
24	200+73.23	-5	770.22	14 16	22.42	0.13	0.6%
25	200+73.23	5	770.07	14 17	31.38	0.21	0.7%
26	200+81.23	-5	770.3	16 17	13.18	0.08	0.6%
27	200+81.23	5	770.15	16 20	2.18	0.01	0.5%
				16 20	2.18	0.01	0.5%
				17 18	10.25	0.34	3.3%
				17 21	3.38	0.02	0.6%
				18 19	2.67	0.02	0.7%
				18 19	2.67	0.02	0.7%
				20 21	14.36	0.07	0.5%
				20 22		0.03	
				21 23		0.03	
				22 23	15.01	0.07	0.5%
				22 24	13.19	0.05	0.4%
				23 25	2.00	0.03	1.5%
				24 25	10.00	0.15	1.5%
				24 26	8.00	0.08	1.0%
				25 27	8.00	0.08	1.0%
				26 27	10.00	0.15	1.5%



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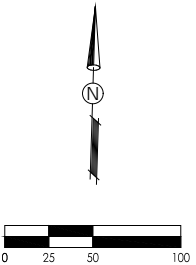
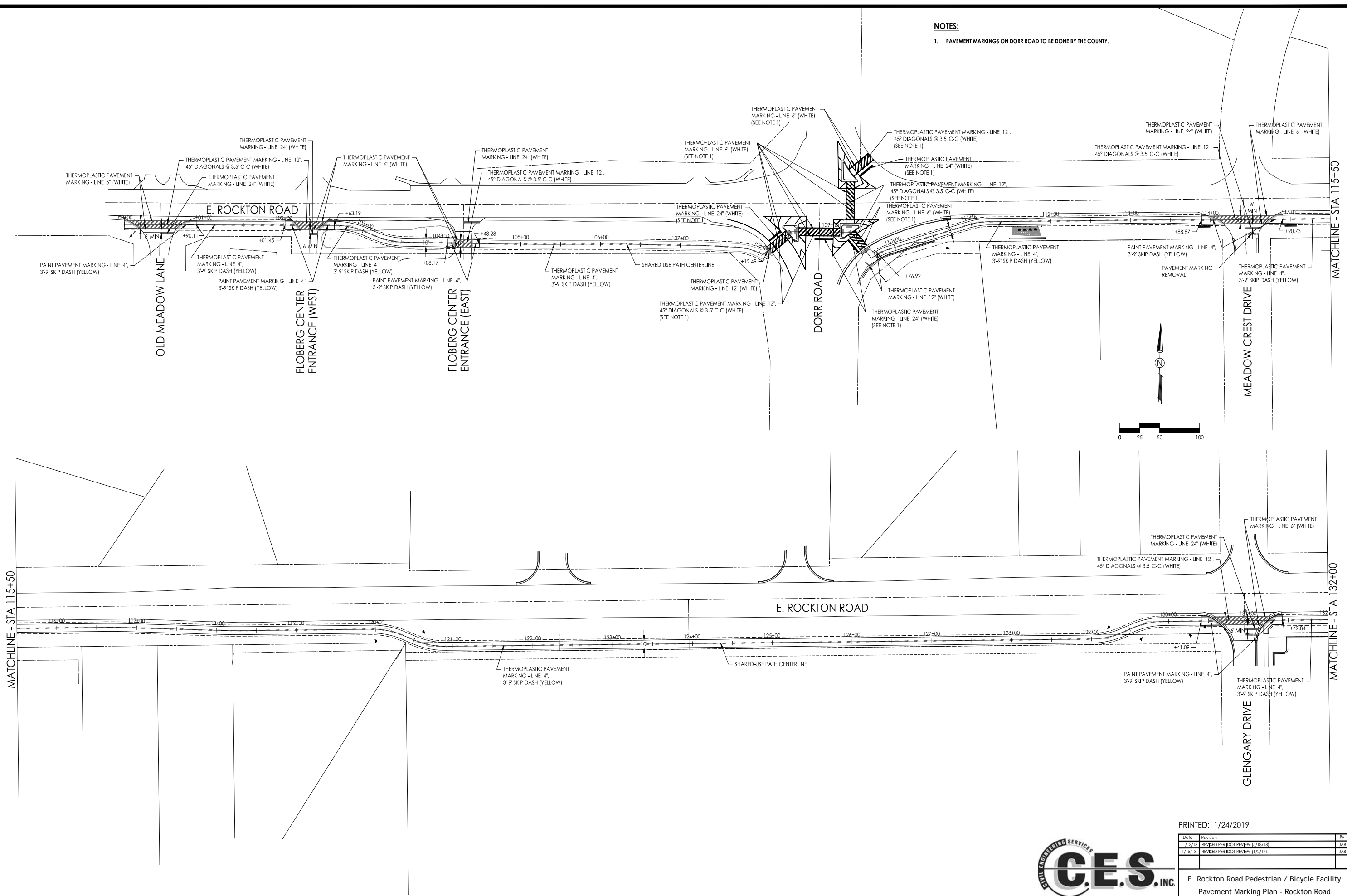
CIVIL ENGINEERING SERVICES

700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
 PHONE: (815) 547-8435, FAX: (815) 544-0421  
 ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
1/13/18	REVISED PER IDOT REVIEW 15/18/18	JAS
1/15/18	REVISED PER IDOT REVIEW 1/22/19	JAS
E. Rockton Road Pedestrian / Bicycle Facility ADA Ramp Details		
CHECKED BY: KCB DATE: 1/30/18	DRAWN BY: KRL/RKW DATE: 1/30/18	Sheet 26 of 51

**NOTES:**

1. PAVEMENT MARKINGS ON DORR ROAD TO BE DONE BY THE COUNTY.



MATCHLINE - STA 115+50

MATCHLINE - STA 132+00



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Date	Revision	By
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1/15/18	REVISED PER IDOT REVIEW 11/2/19	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Pavement Marking Plan - Rockton Road**

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MATCHLINE - STA 132+00

MATCHLINE - STA 148+50

MATCHLINE - STA 148+50

STONE BRIDGE TRAIL ENTRANCE

E. ROCKTON ROAD

E. ROCKTON ROAD

FARM & FLEET ENTRANCE

WALMART ENTRANCE

IL 251 SB RAMPS

QUAIL TRAIL

PATH OMISSION AT THIS TIME UNTIL IL-251 BRIDGE IS REPLACED (STA. 151+74- STA. 165+01)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)  
THERMOPLASTIC PAVEMENT MARKING - LINE 12", 45° DIAGONALS @ 3.5' C-C (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

PAINT PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)  
PAINT PAVEMENT MARKING - LINE 12" (WHITE)

PAVEMENT MARKING REMOVAL

THERMOPLASTIC PAVEMENT MARKING - LINE 12", 45° DIAGONALS @ 3.5' C-C (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)

PAINT PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

PAINT PAVEMENT MARKING - LINE 12" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

PAINT PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

SHARED-USE PATH CENTERLINE

THERMOPLASTIC PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

PAVEMENT MARKING REMOVAL

PAINT PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

PAVEMENT MARKING REMOVAL

THERMOPLASTIC PAVEMENT MARKING - LINE 12", 45° DIAGONALS @ 3.5' C-C (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

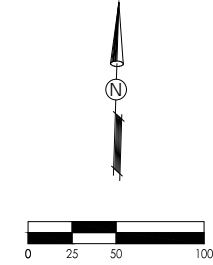
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THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)

PAINT PAVEMENT MARKING - LINE 4", 3-9' SKIP DASH (YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)



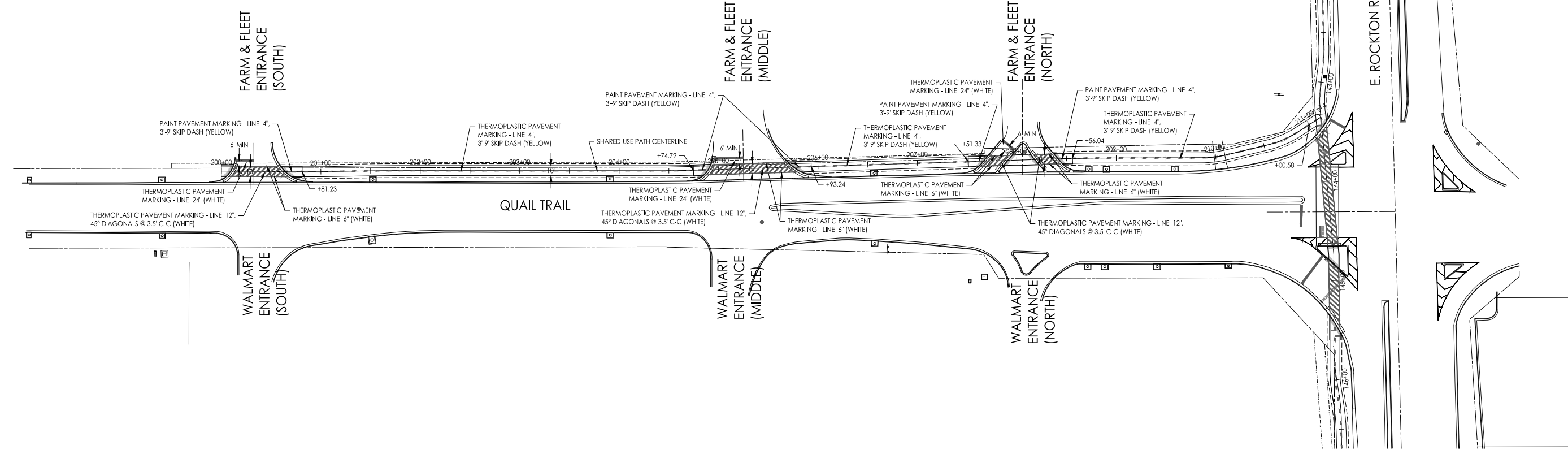
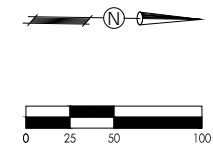
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
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1/15/18	REVISED PER IDOT REVIEW (1/2/18)	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
Pavement Marking Plan - Rockton Road

CHECKED BY: KCB	DRAWN BY: KRL/RKW	Sheet
DATE: 4/30/18	DATE: 4/30/18	28 of 51

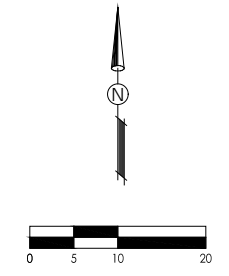
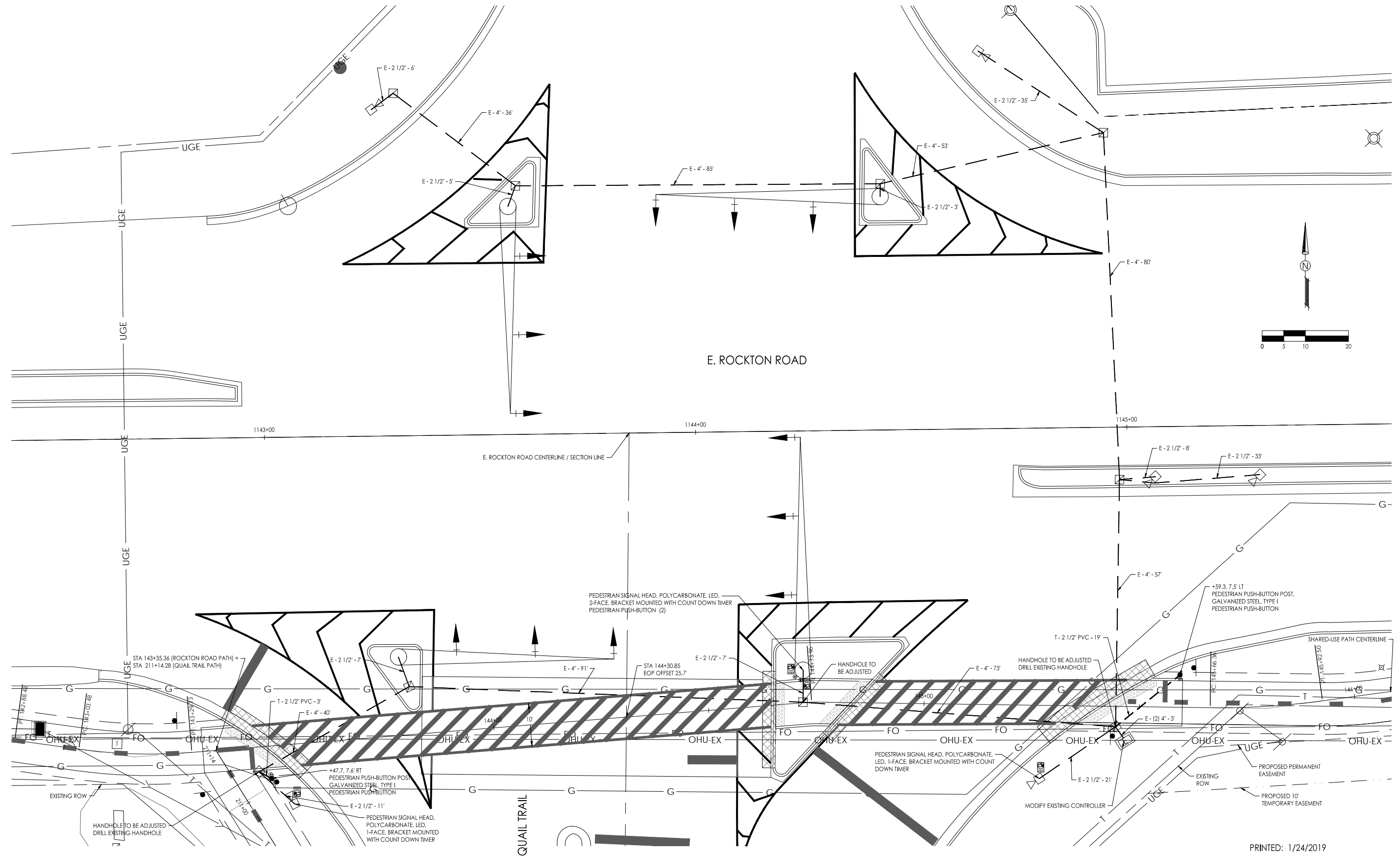


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1/15/19	REVISED PER IDOT REVIEW 11/22/19	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
Pavement Marking Plan - Quail Trail

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KRL/RKW DATE: 4/30/18	Sheet 29 of 51
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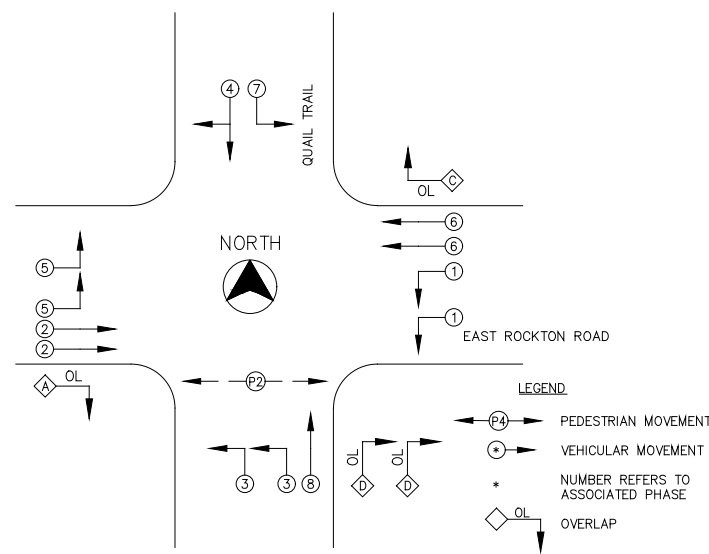
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**E. Rockton Road Pedestrian / Bicycle Facility**  
Traffic Signal Plan

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KRL/RKW DATE: 4/30/18	Sheet 30 of 51
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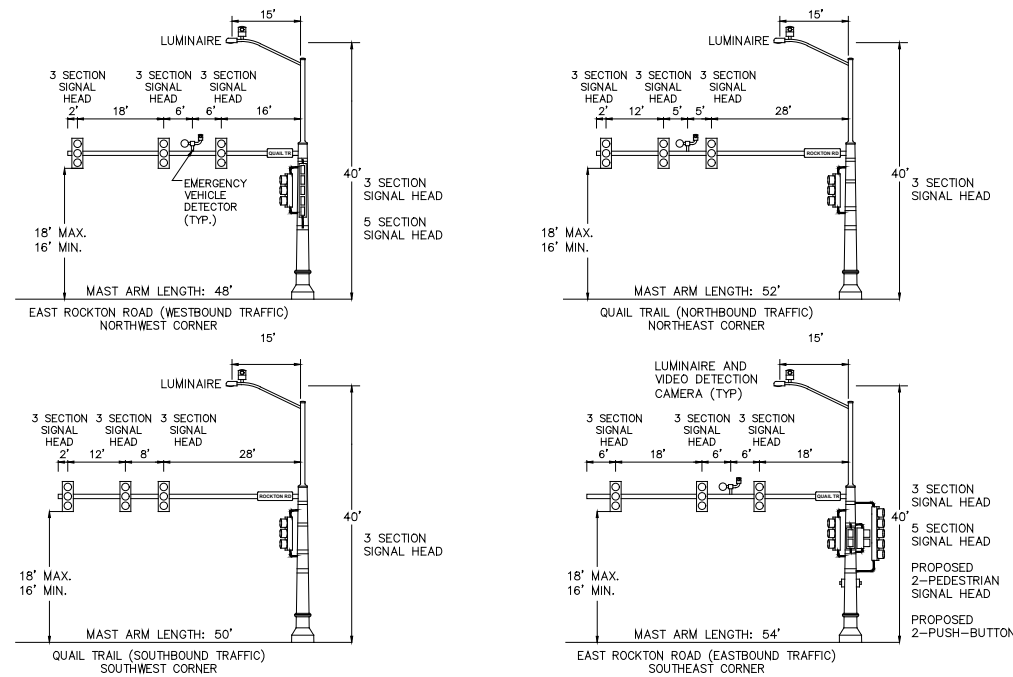
### SUMMARY OF QUANTITIES

SP. ITEM NO.	PAV ITEM	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	3
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	22
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	501
87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 4C	FOOT	511
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	2
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
* X8950224	RELOCATE CONTROLLER CABINET	EACH	1



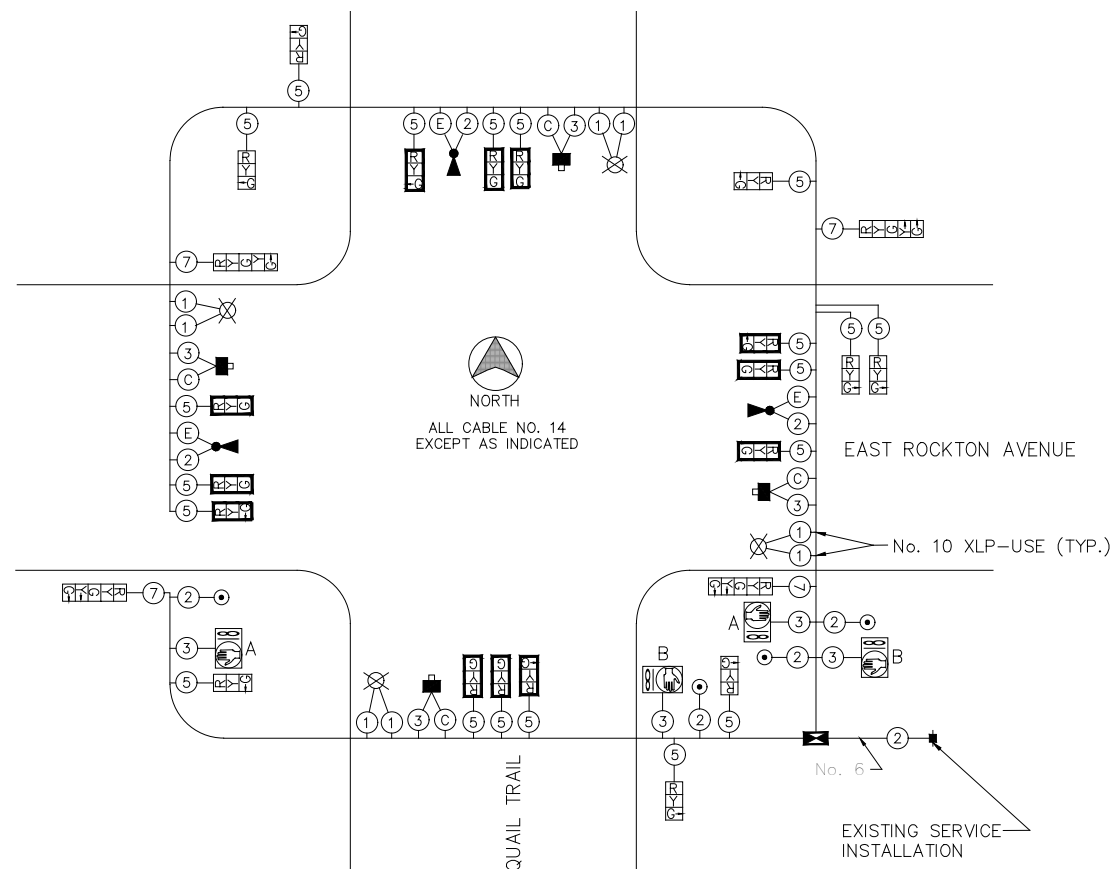
**PHASE DESIGNATION DIAGRAM**

No Scale REFER TO IDOT STANDARD 857001



**MAST ARM EQUIPMENT MOUNTING DETAIL**

No Scale



### CABLE PLAN LEGEND

- EXISTING SERVICE INSTALLATION
- ⊗ EXISTING CABLE WITH NO. OF CONDUCTORS
- ⊠ EXISTING SIGNAL HEAD WITH BACKPLATE
- ⊡ EXISTING SIGNAL HEAD WITHOUT BACKPLATE
- ⊙ PROPOSED PEDESTRIAN SIGNAL HEAD
- ⊕ PROPOSED PEDESTRIAN PUSH-BUTTON
- ⊖ EXISTING CONTROLLER CABINET
- ⊗ EXISTING LUMINAIRE
- ⊙ EXISTING EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
- ⊕ EXISTING EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM CABLE
- ⊖ EXISTING VIDEO DETECTION SYSTEM
- ⊙ EXISTING VIDEO DETECTION CAMERA CABLE

**PUSH-BUTTON NOTE:**  
BUTTONS "A" AND "B" CALL PHASE 2

### GENERAL NOTES

- ALL SIGNING, STRIPING, TRAFFIC SIGNALS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) CURRENT EDITION.
- ALL NEW CONSTRUCTION SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, AND THE SPECIFICATIONS OF THE VILLAGE OF ROCKTON.
- MATERIAL TYPES SHALL BE AS FOLLOWS: SIGNAL POLES SHALL BE GALVANIZED STEEL, SIGNAL HEADS SHALL BE POLYCARBONATE, BRACKET MOUNTED OR MAST ARM MOUNTED.
- PEDESTRIAN SIGNAL HEADS SHALL HAVE A 10' MINIMUM MOUNTING HEIGHT. EACH PEDESTRIAN PUSH-BUTTON SHALL BE MOUNTED WITH A "PUSH BUTTON FOR WALK SIGNAL" SIGN, M.U.T.C.D. R10-4 (9" X 12").



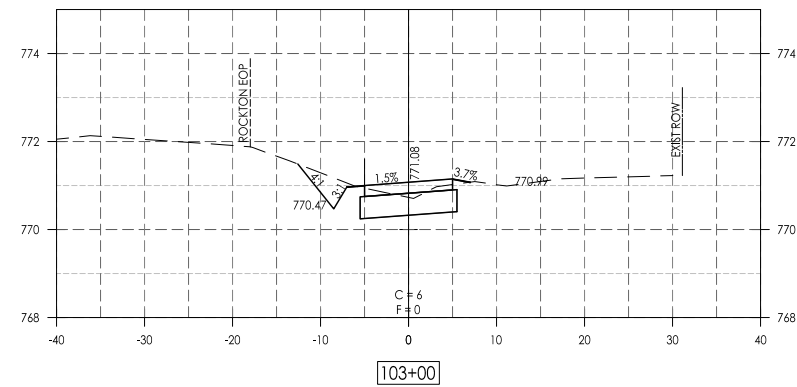
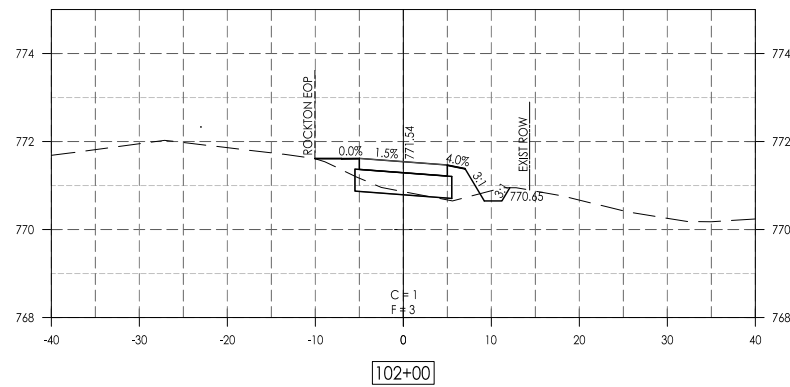
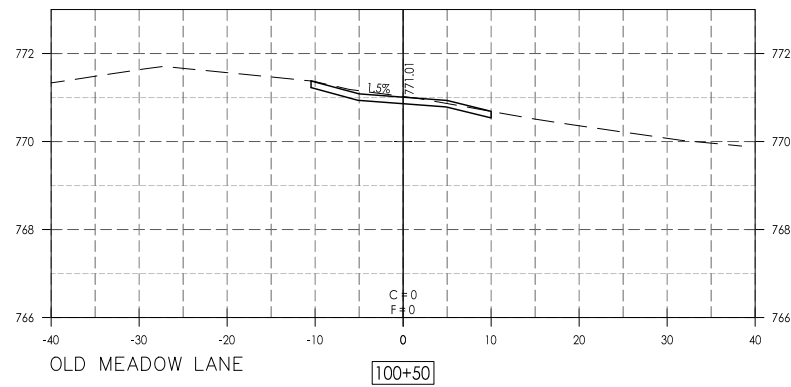
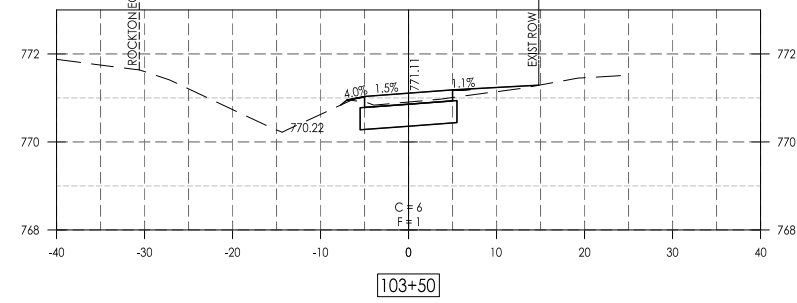
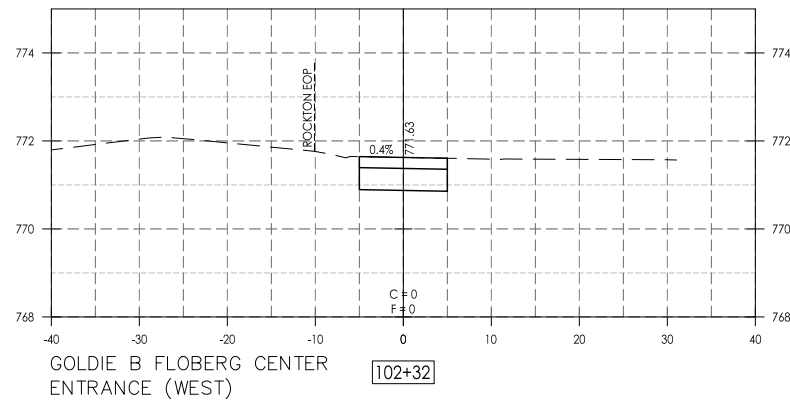
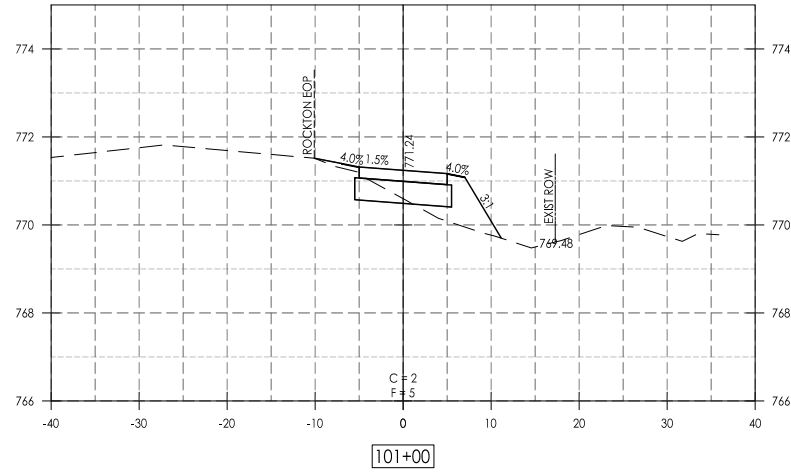
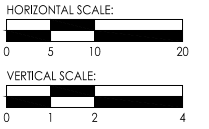
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PHONE: (815) 347-8425, FAX: (815) 544-0421  
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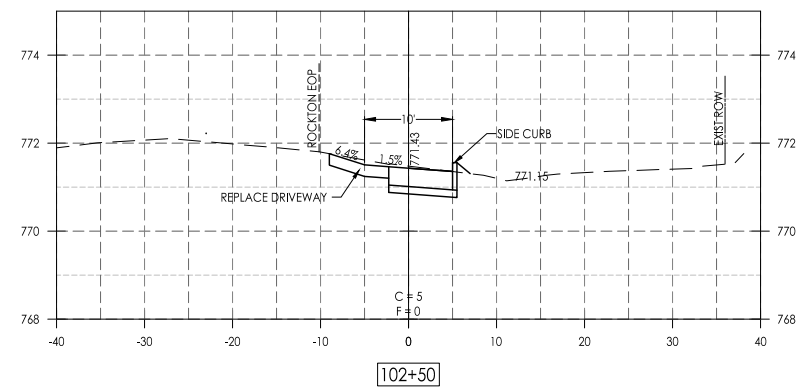
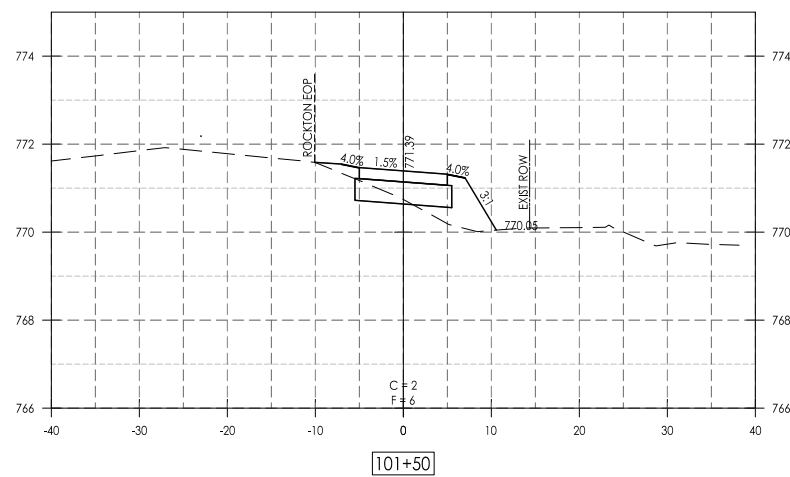
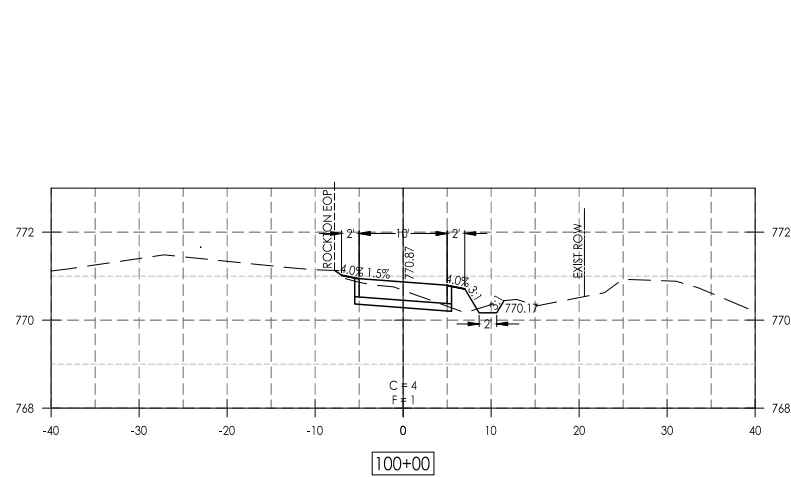
**E. Rockton Road Pedestrian / Bicycle Facility  
Traffic Signal Details**

CHECKED BY:	DATE:	DRAWN BY:	DATE:	Sheet
KCB	4/30/18	KRL/RKW	4/30/18	31 of 51



LEGEND:  
C = CUT  
F = FILL

NOTES:  
1. ALL FORESLOPES / BACKSLOPES BEYOND CLEARZONE ARE 3:1 UNLESS OTHERWISE NOTED.



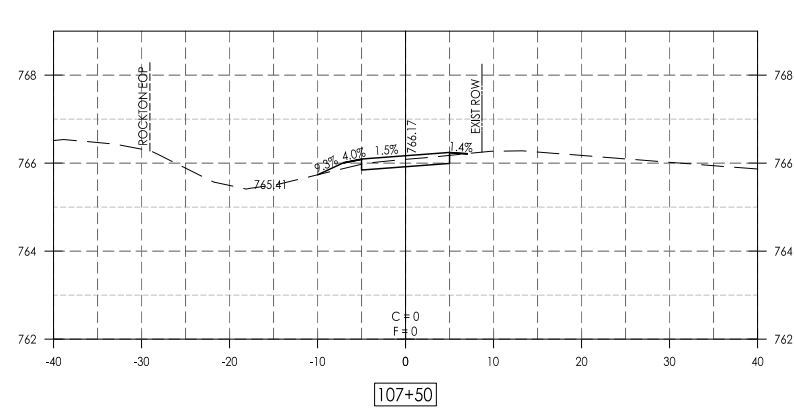
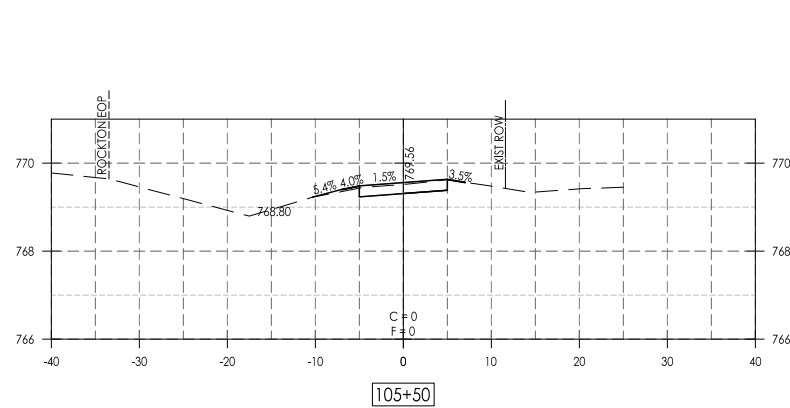
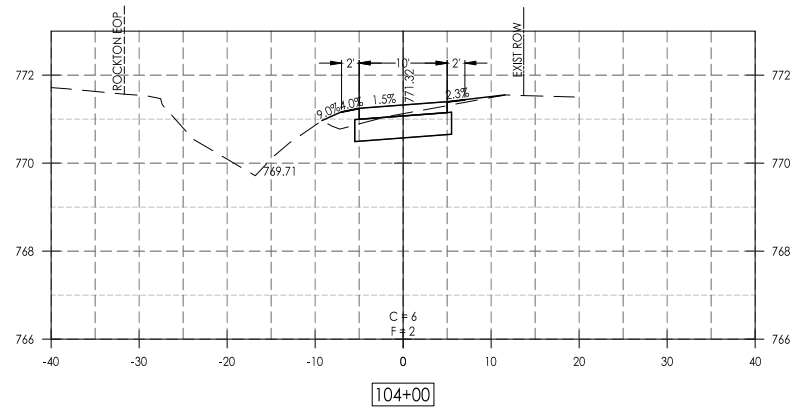
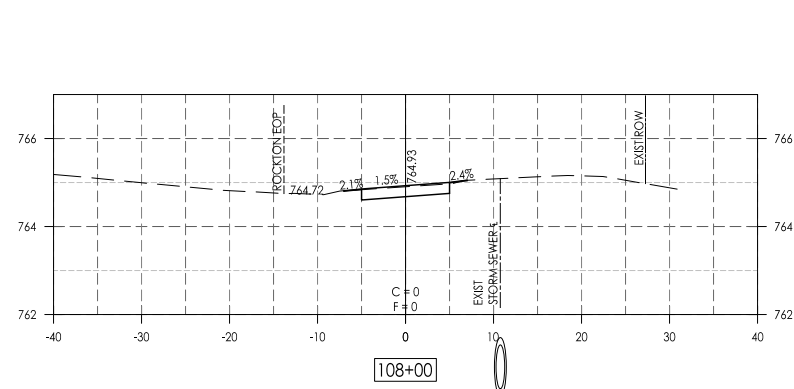
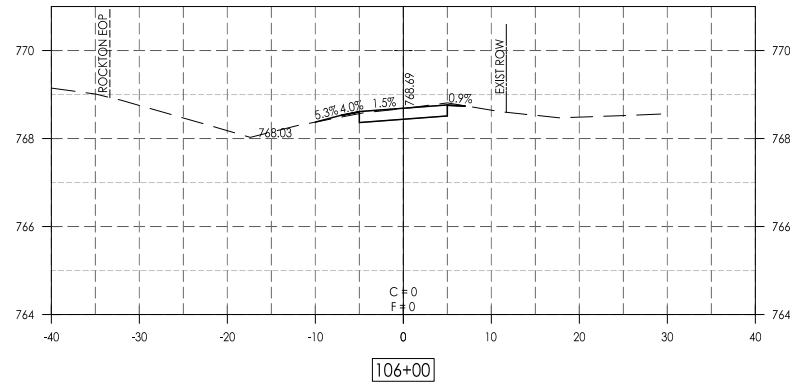
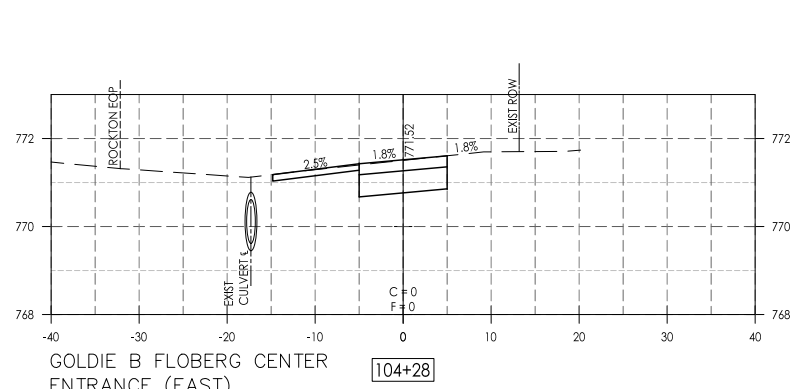
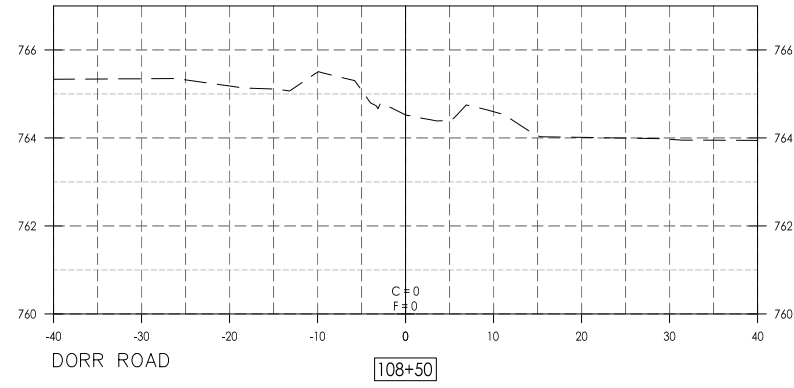
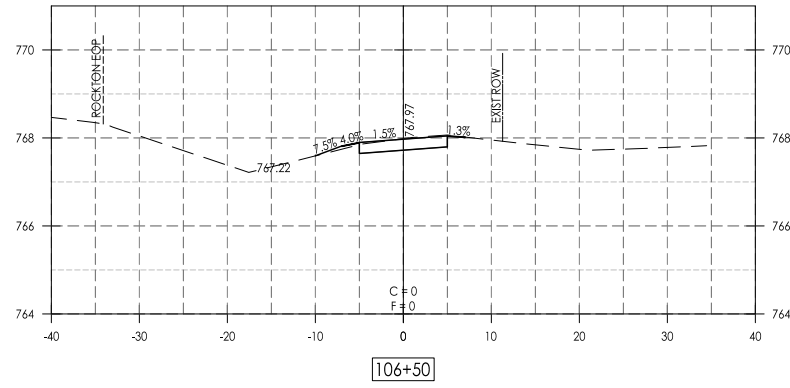
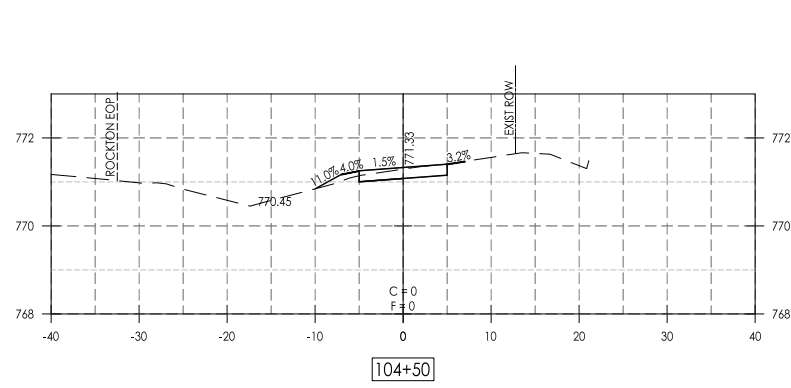
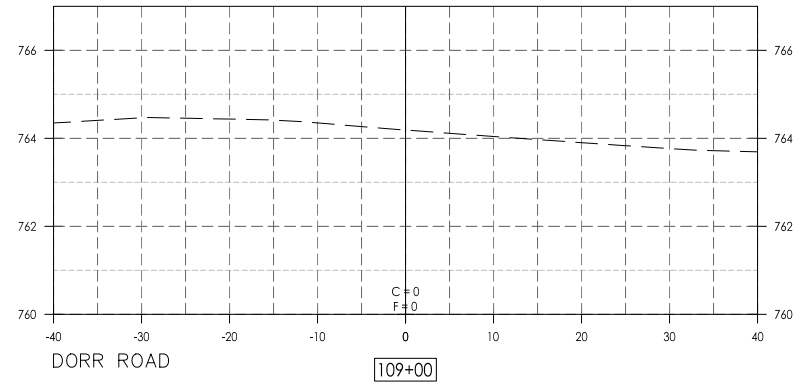
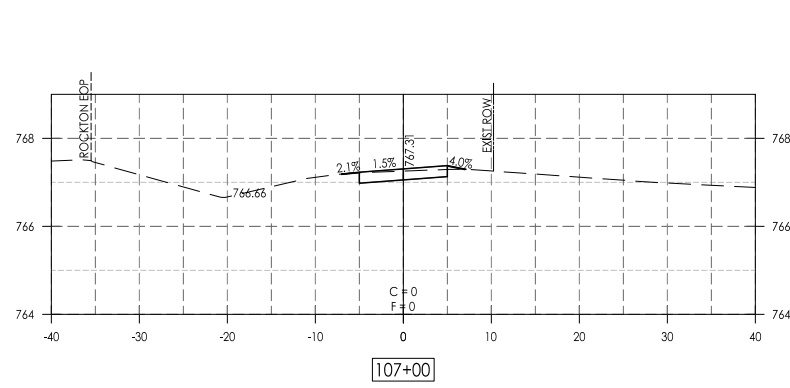
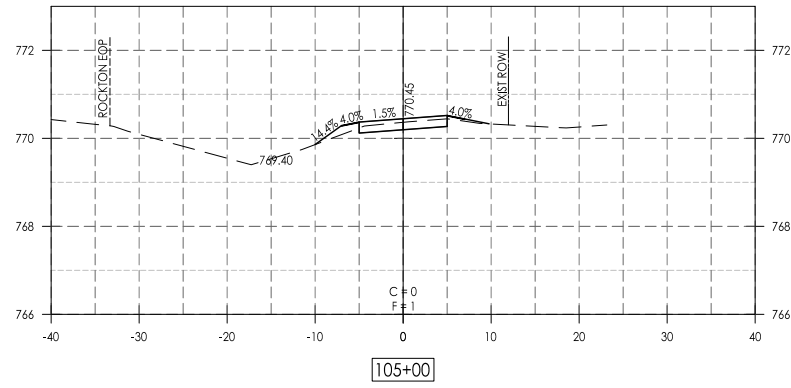
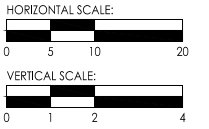
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E. Rockton Road Pedestrian / Bicycle Facility  
Cross Sections - Rockton Road

CHECKED BY: KCB	DRAWN BY: KBL/RKW	Sheet
DATE: 4/30/18	DATE: 4/30/18	32 of 51





LEGEND:  
C = CUT  
F = FILL

NOTES:  
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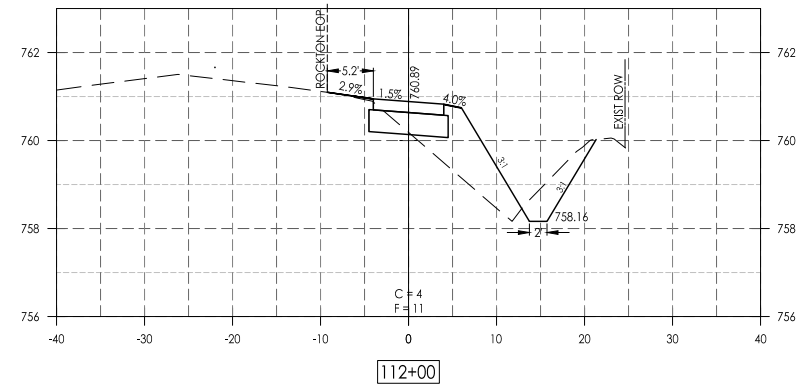
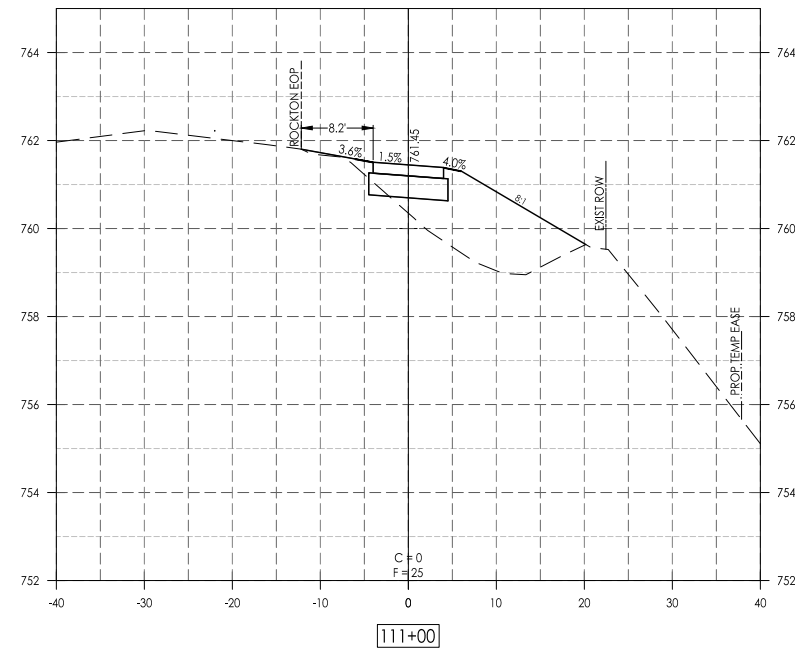
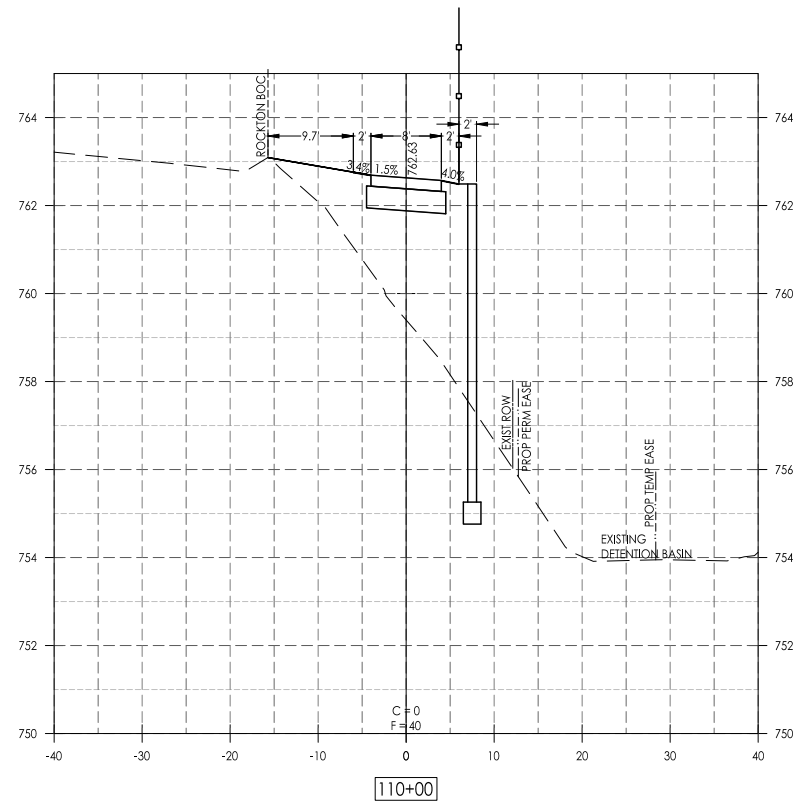
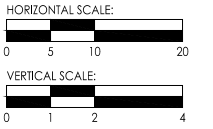


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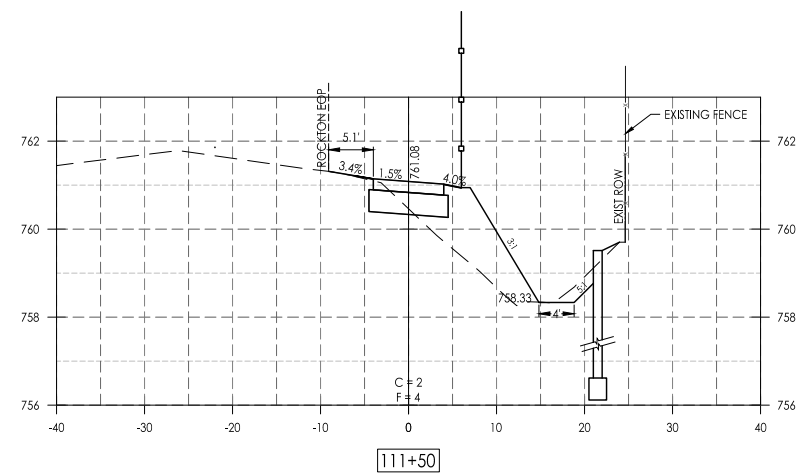
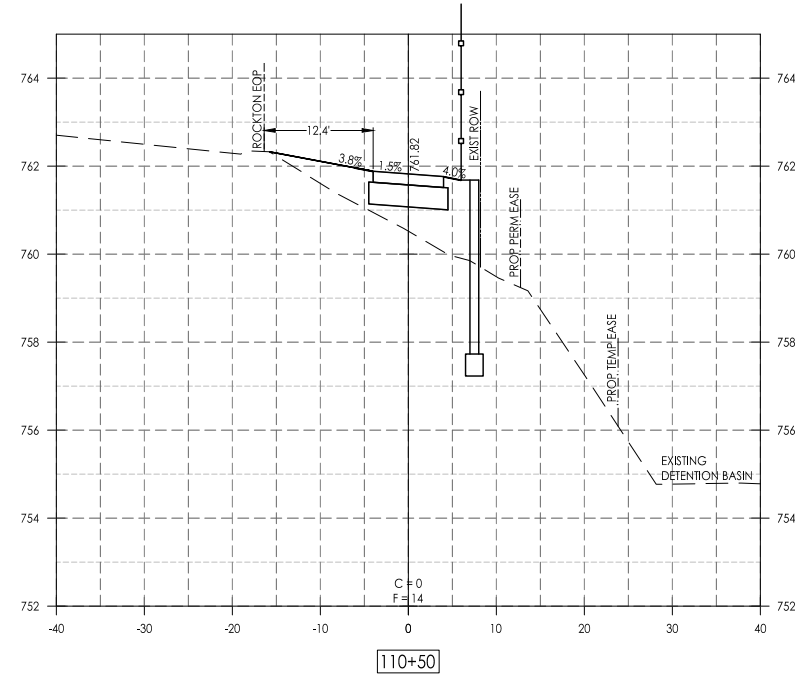
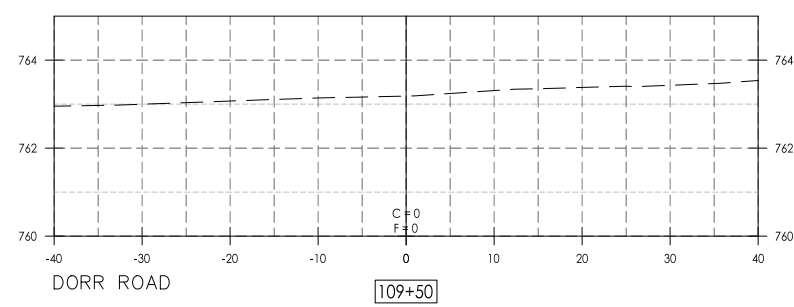
E. Rockton Road Pedestrian / Bicycle Facility  
Cross Sections - Rockton Road

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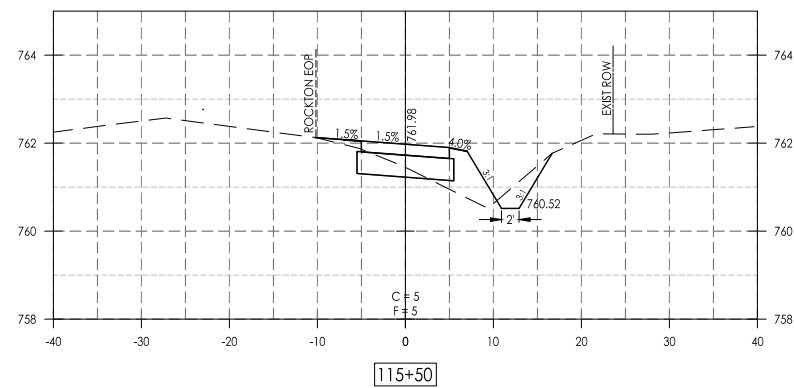
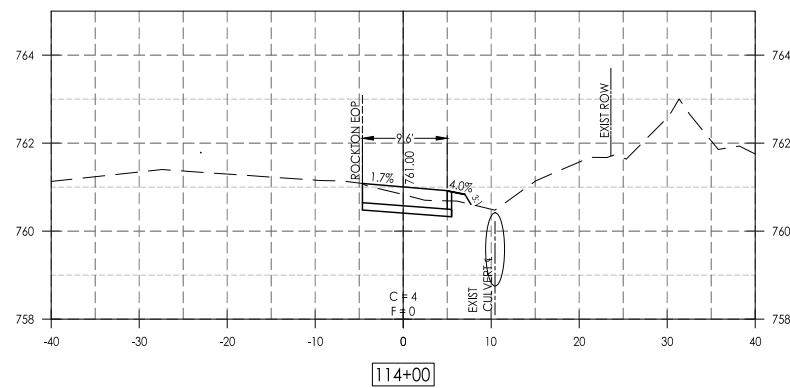
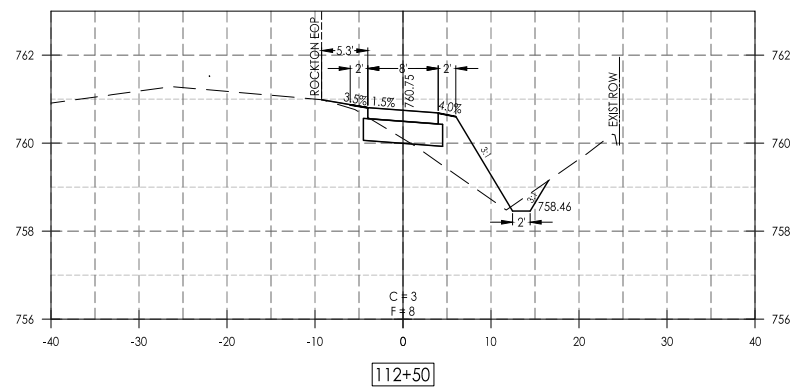
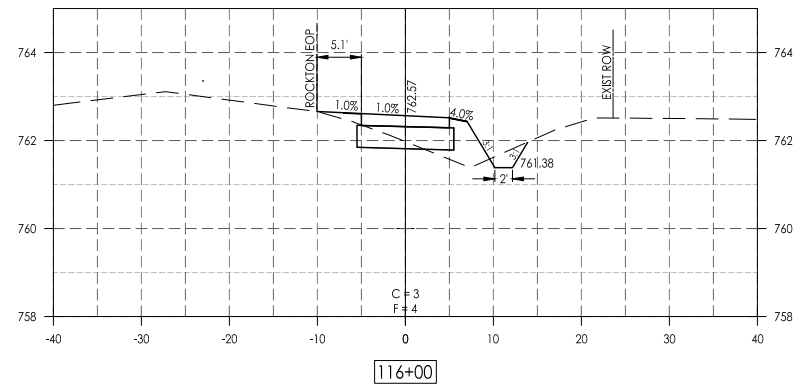
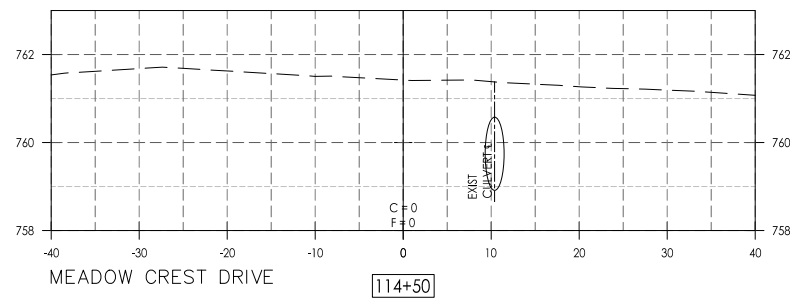
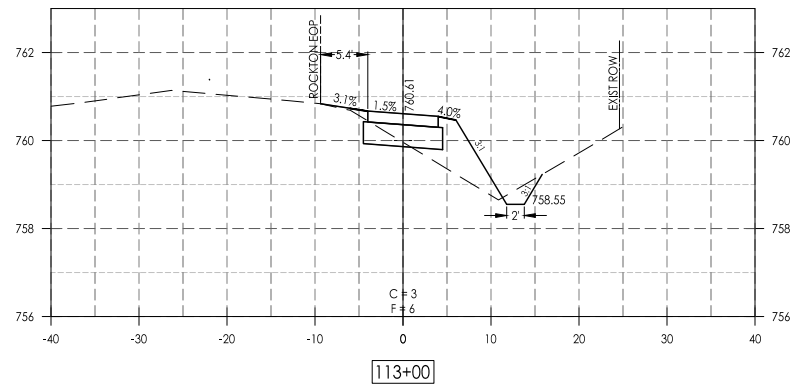
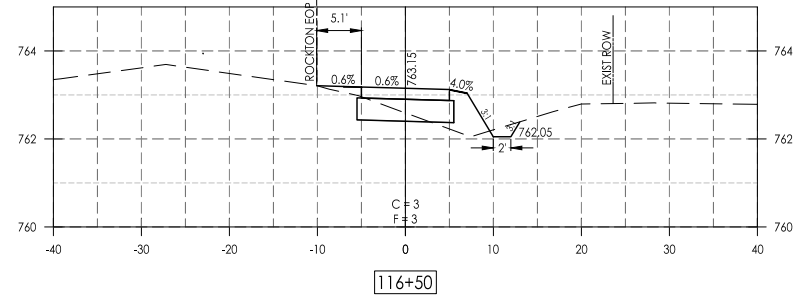
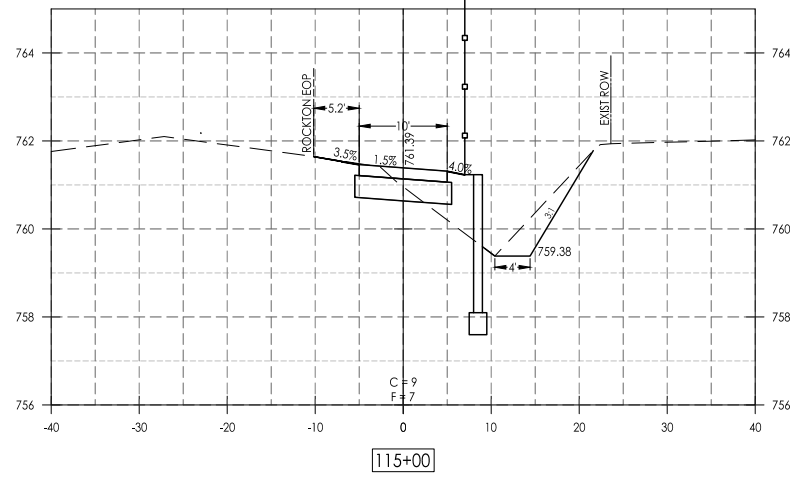
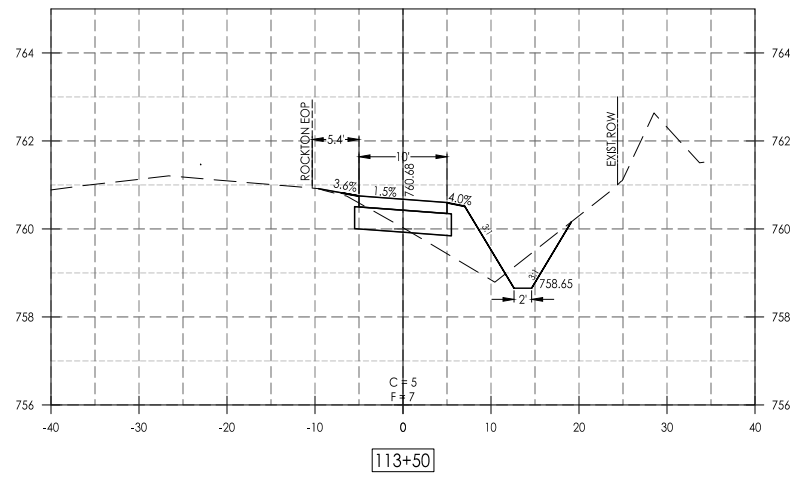
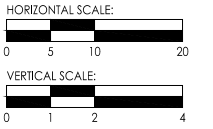
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**E. Rockton Road Pedestrian / Bicycle Facility**  
Cross Sections - Rockton Road



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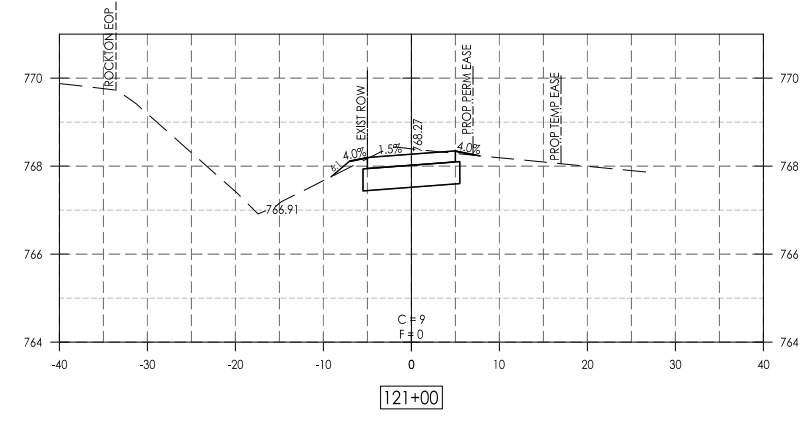
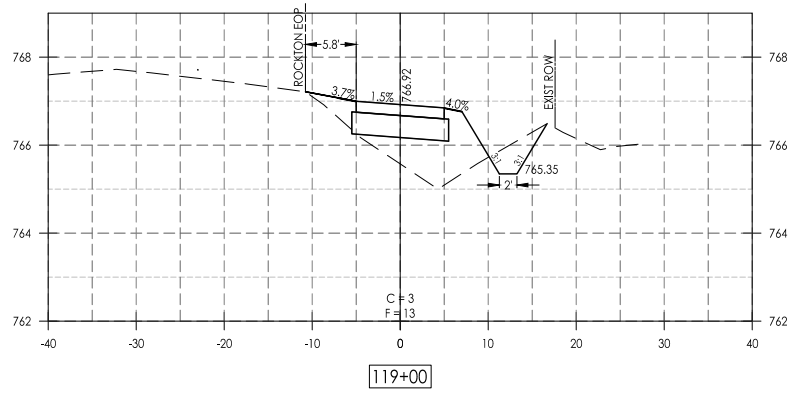
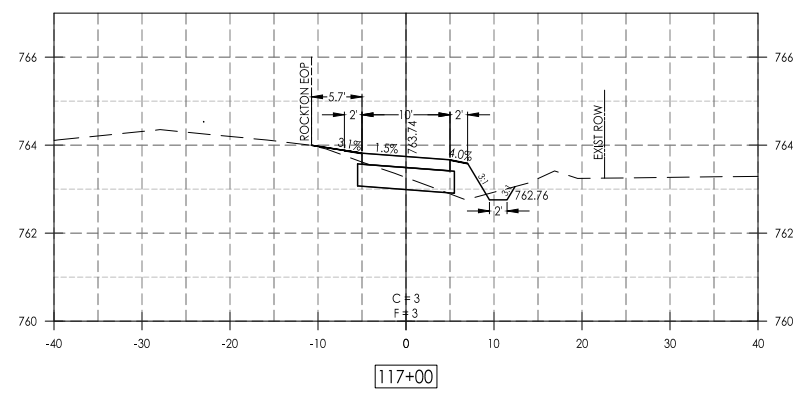
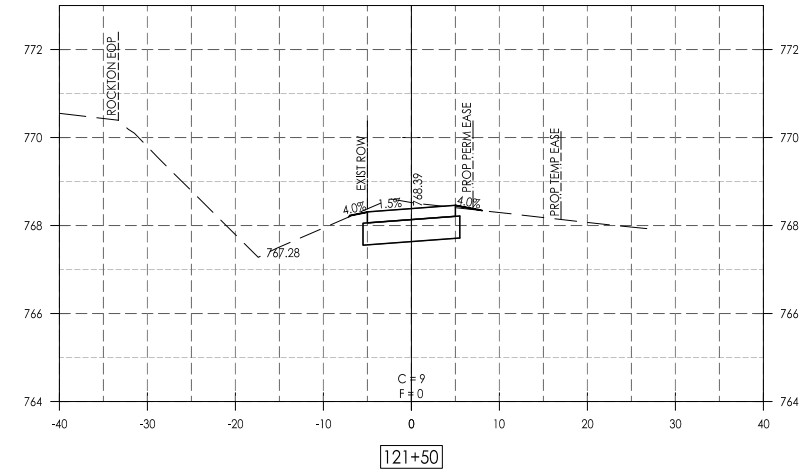
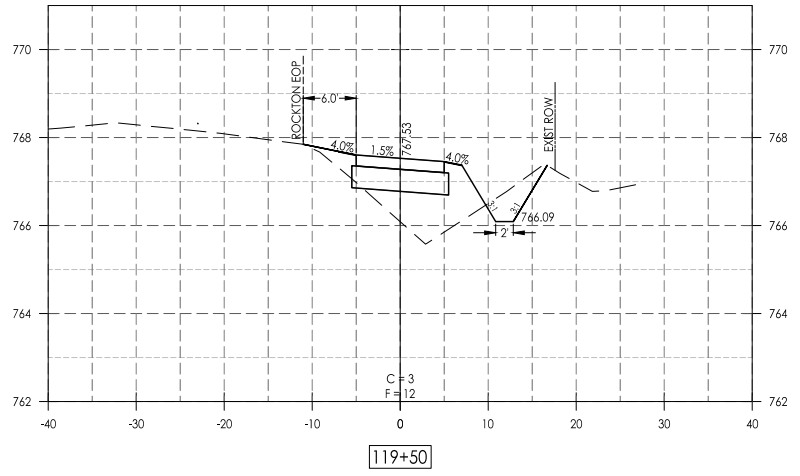
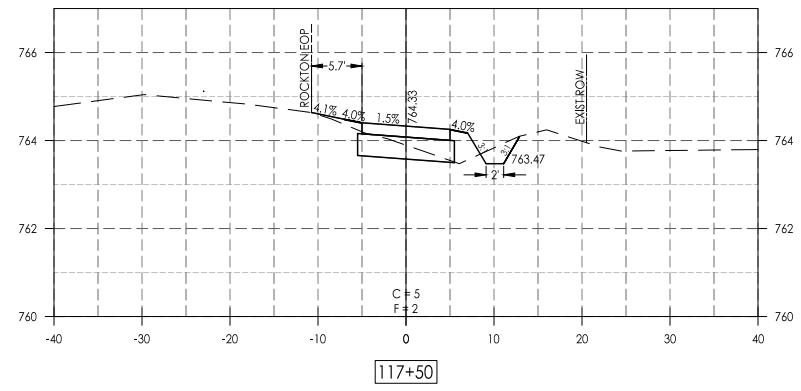
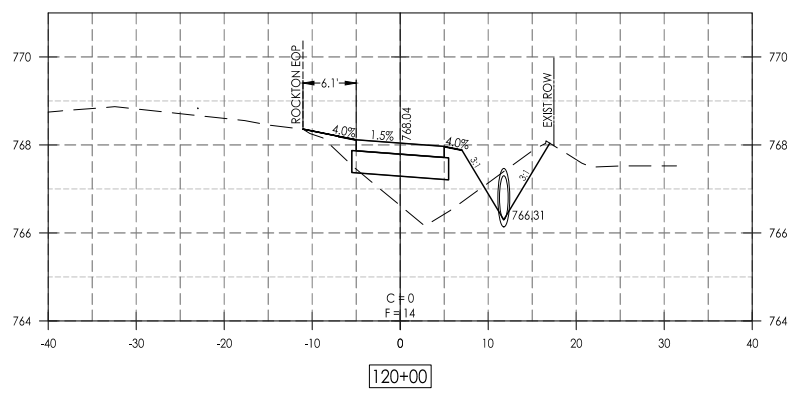
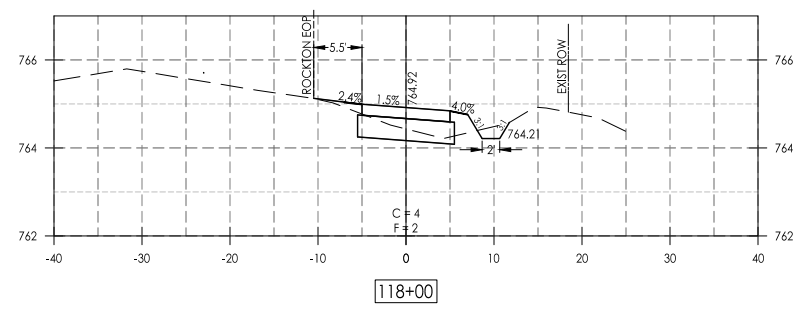
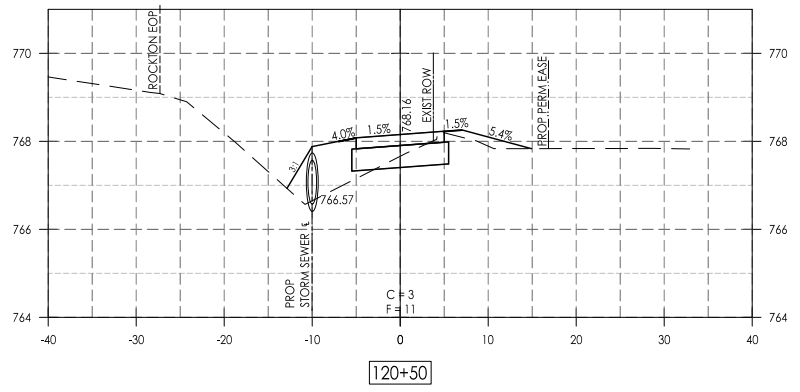
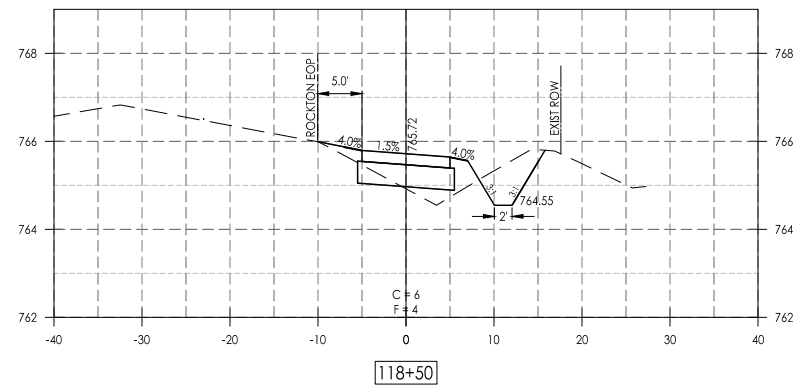
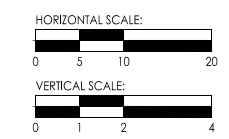


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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility**  
Cross Sections - Rockton Road

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KBL/RKW DATE: 4/30/18	Sheet 35 of 51
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LEGEND:  
C = CUT  
F = FILL

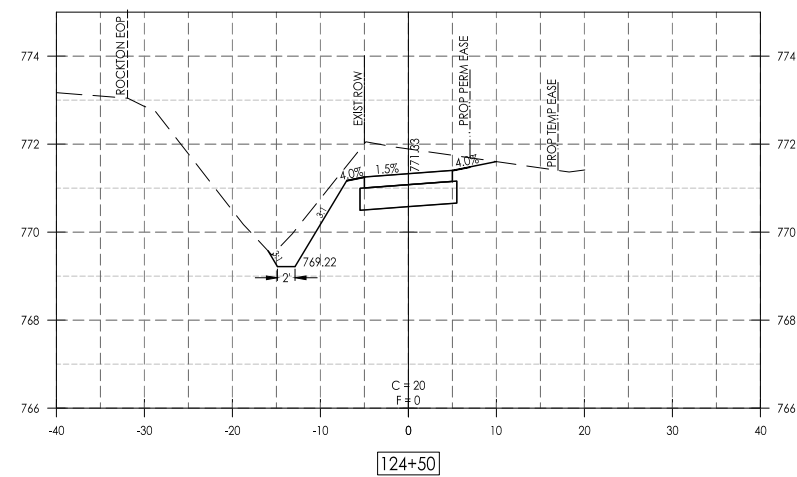
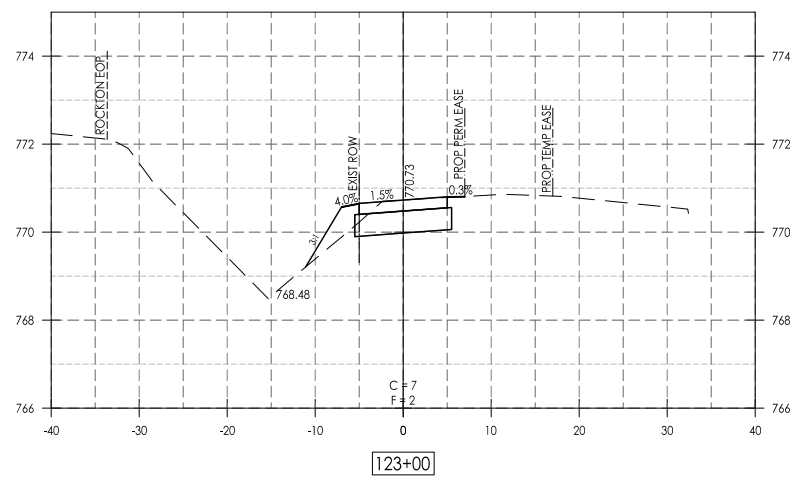
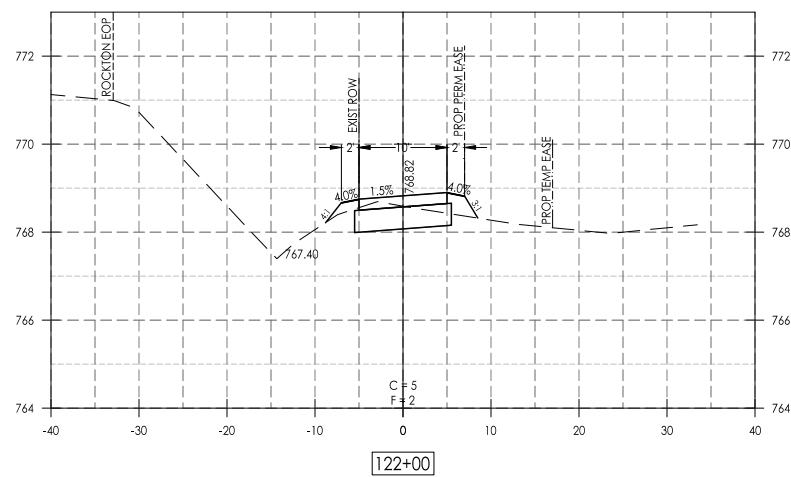
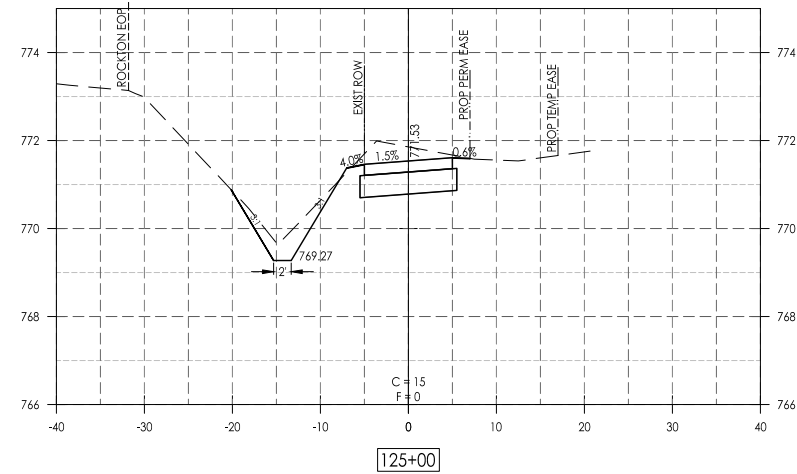
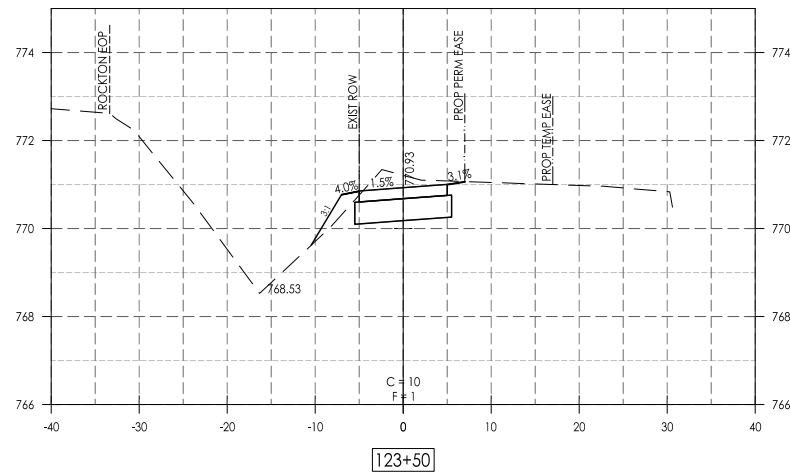
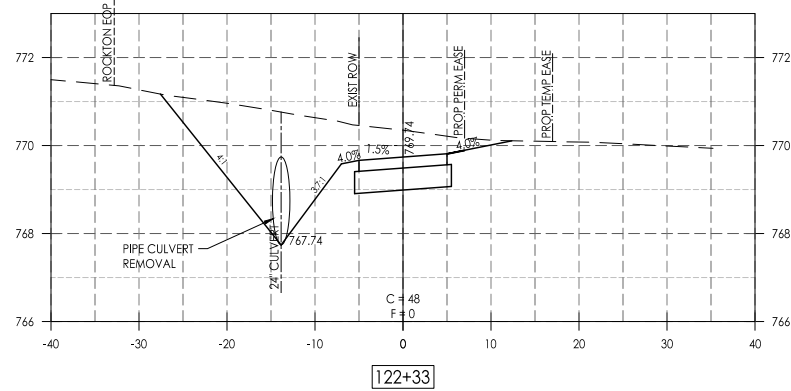
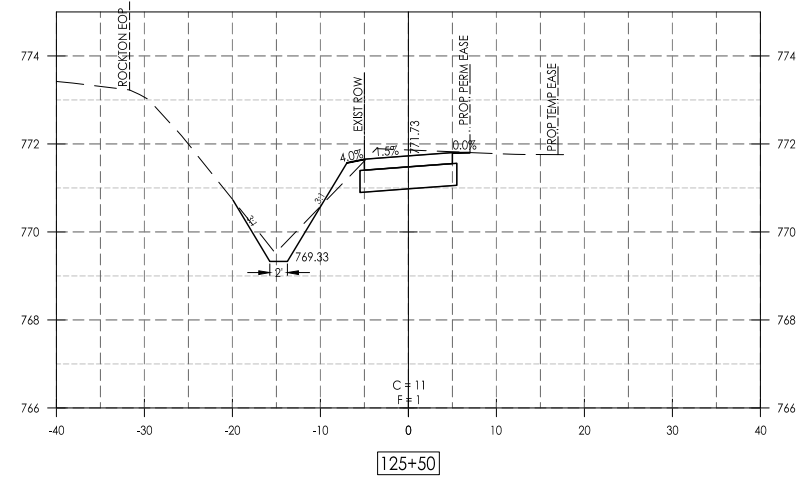
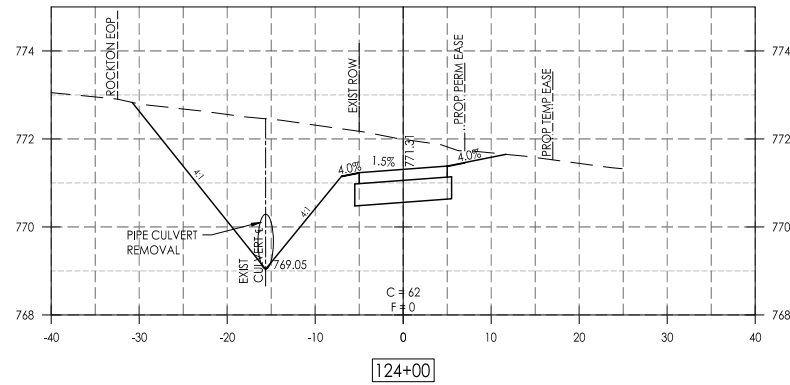
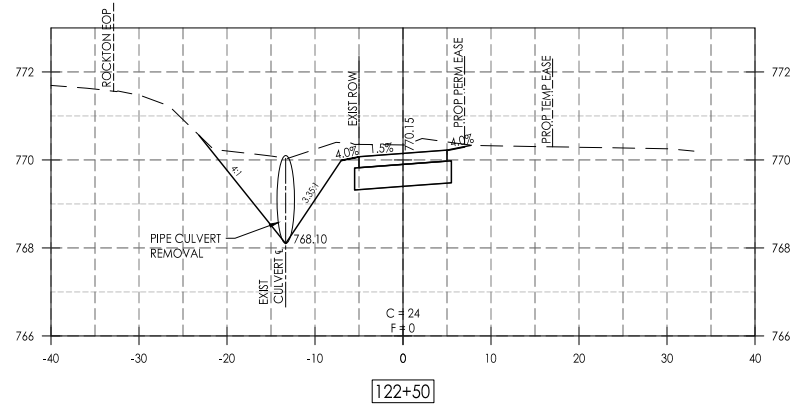
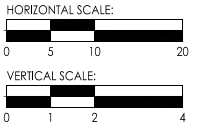
NOTES:  
1. ALL FORESLOPES / BACKSLOPES BEYOND CLEARZONE ARE 3:1 UNLESS OTHERWISE NOTED.



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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility**  
Cross Sections - Rockton Road



LEGEND:  
C = CUT  
F = FILL

NOTES:  
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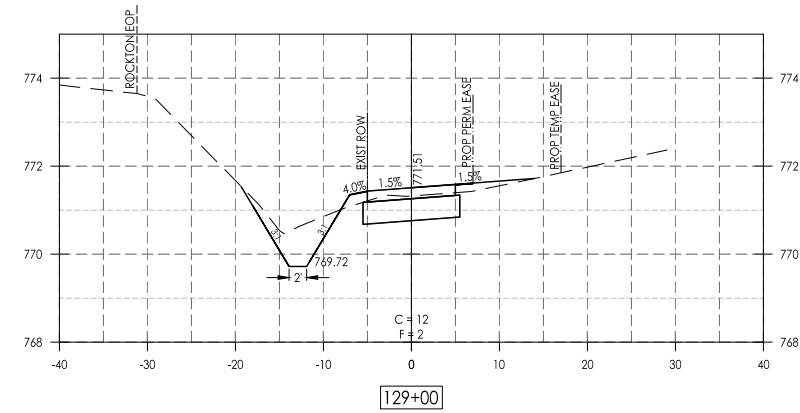
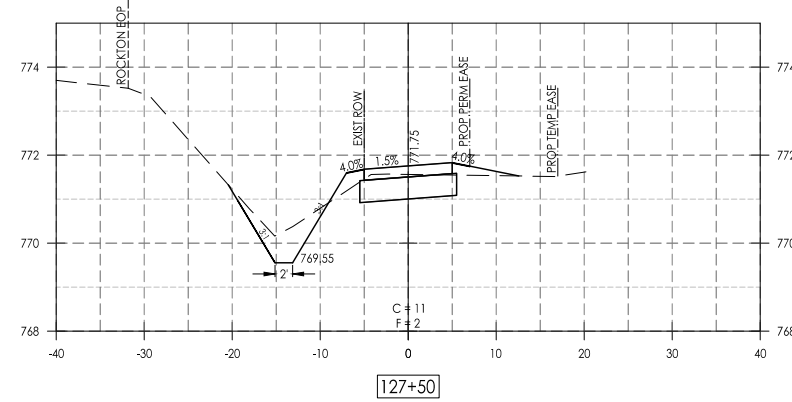
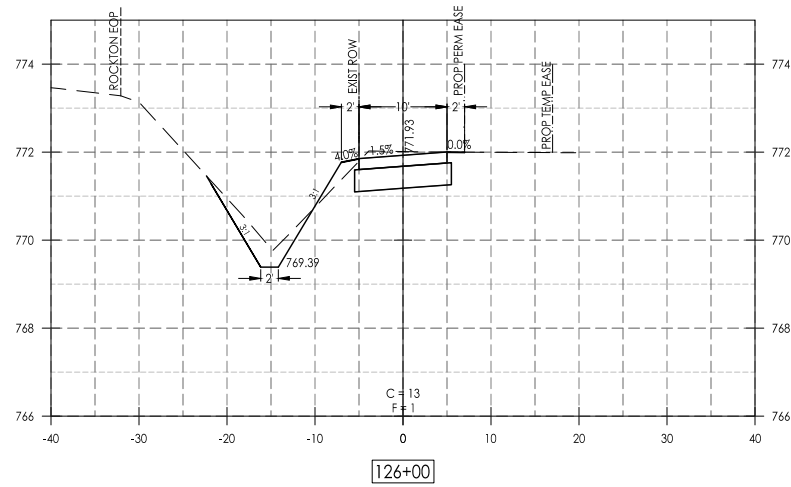
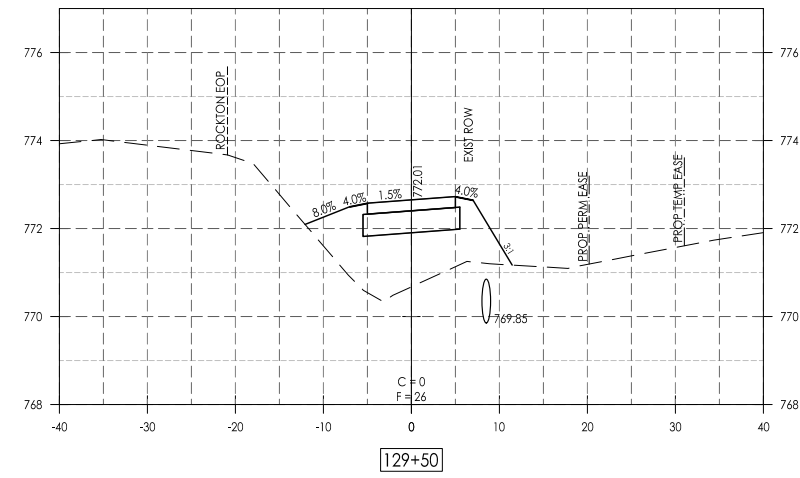
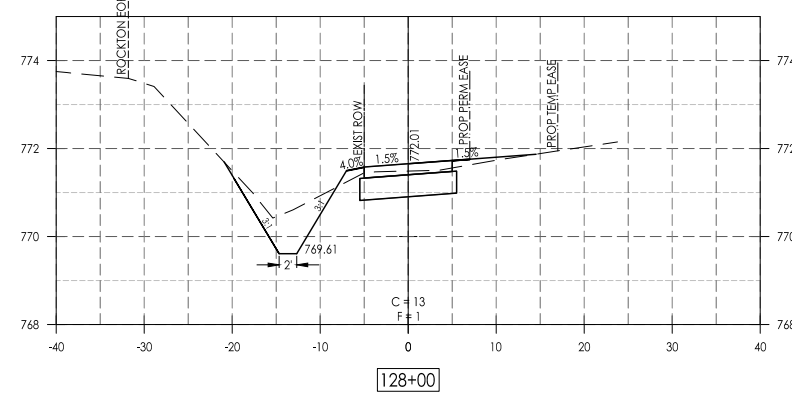
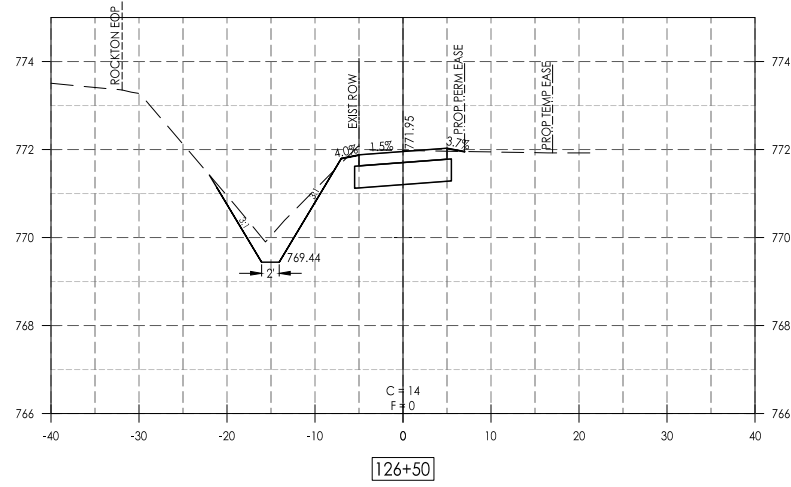
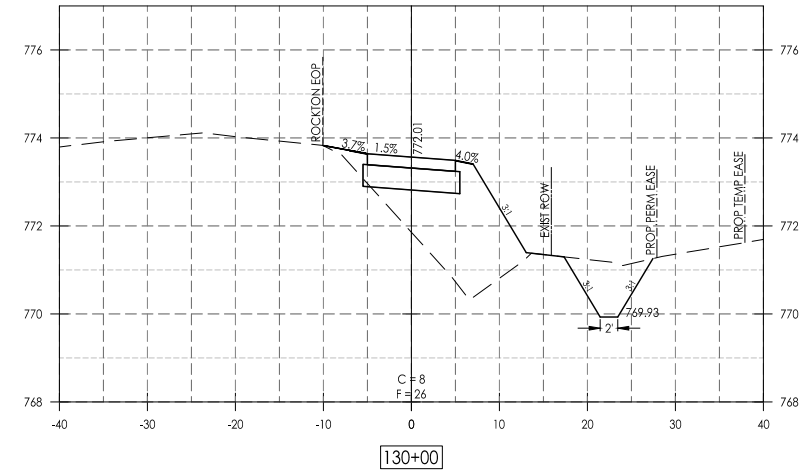
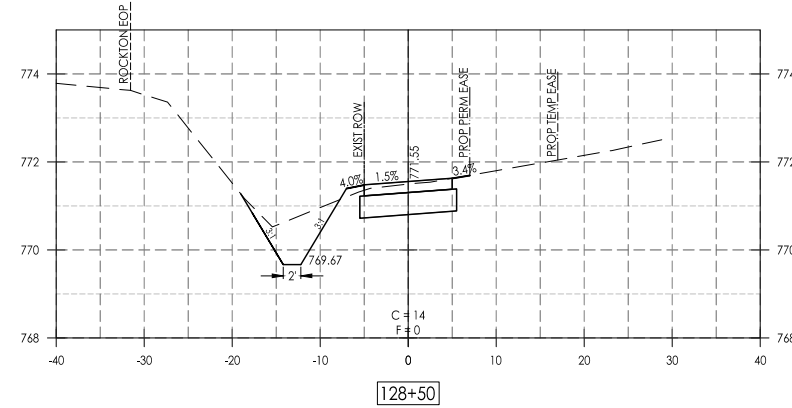
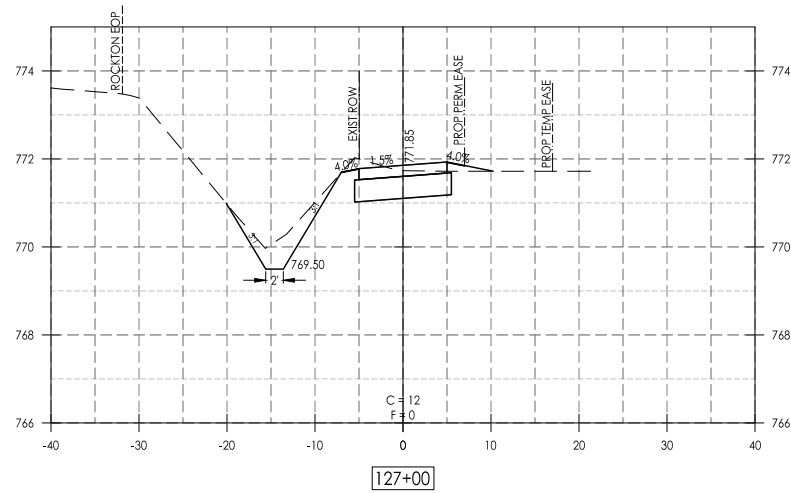
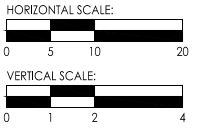


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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility**  
Cross Sections - Rockton Road

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DATE: 4/30/18	DATE: 4/30/18	37 of 51



- LEGEND:  
C = CUT  
F = FILL
- NOTES:  
1. ALL FORESLOPES / BACKSLOPES BEYOND CLEARZONE ARE 3:1 UNLESS OTHERWISE NOTED.

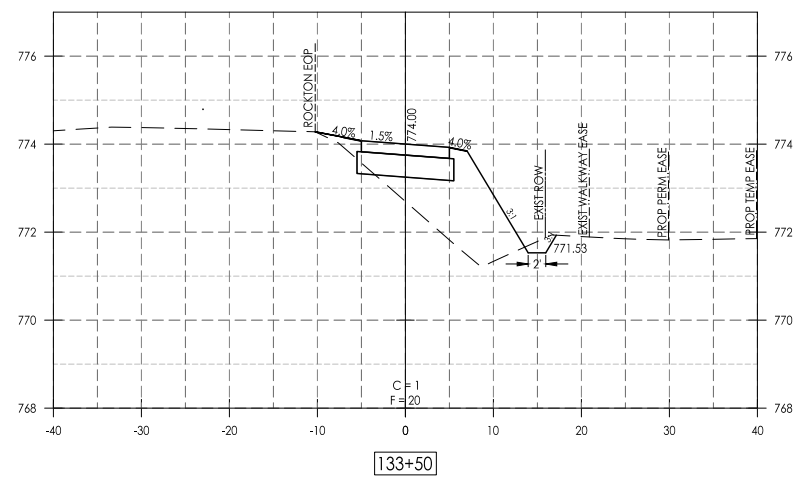
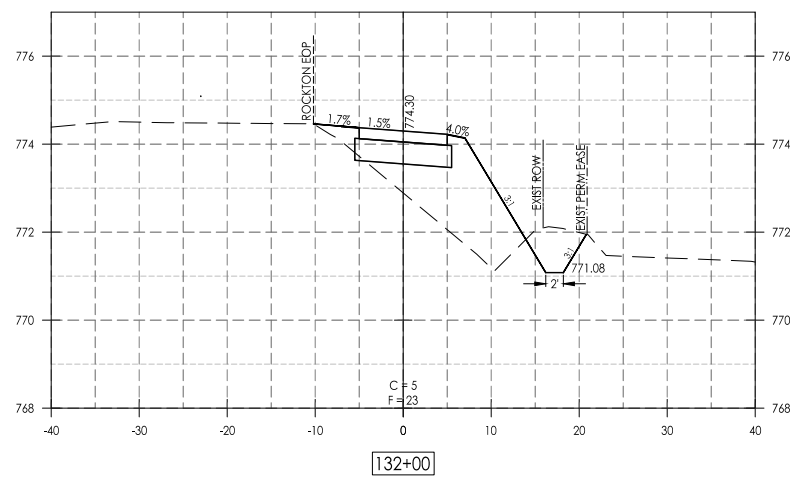
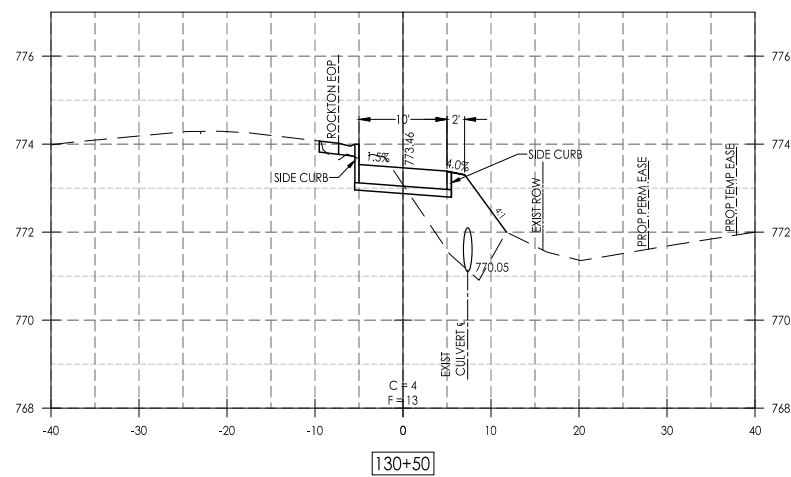
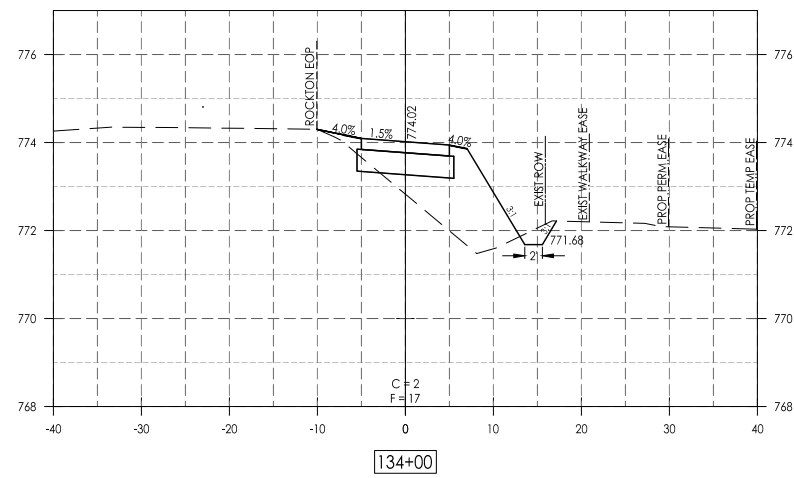
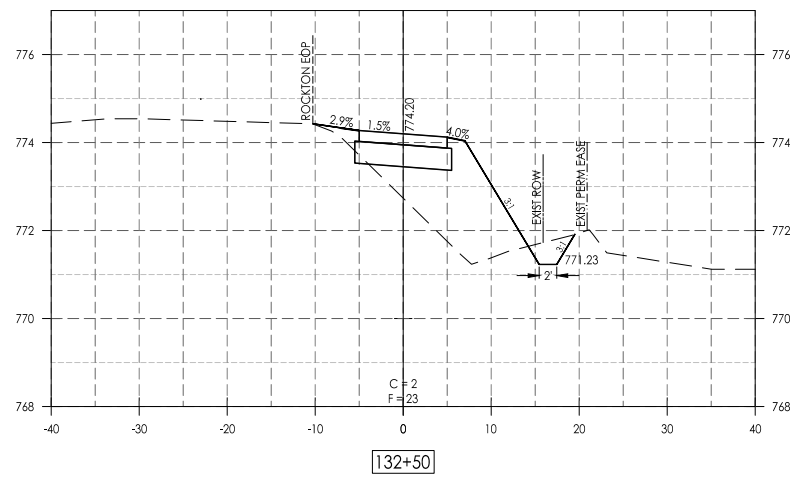
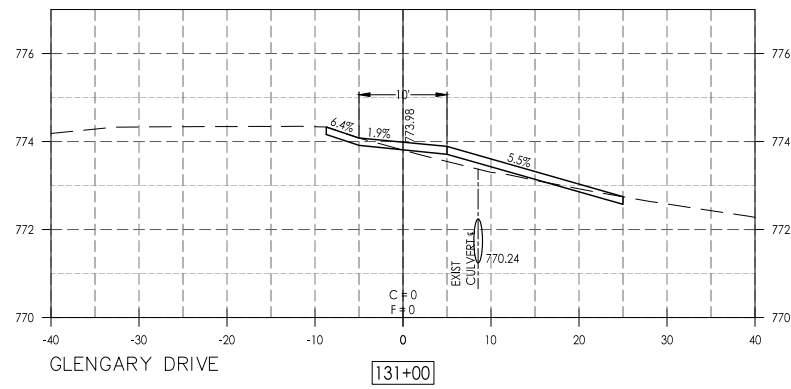
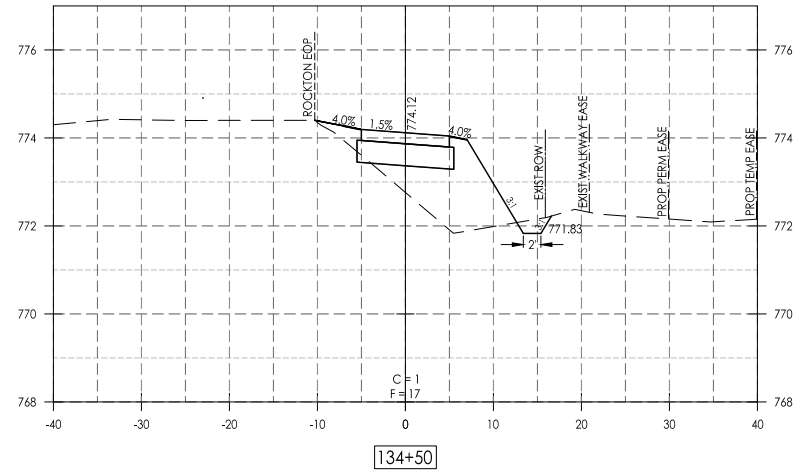
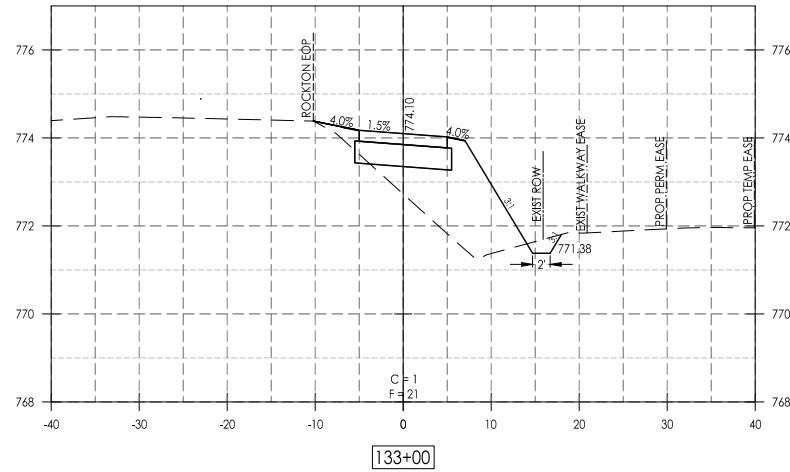
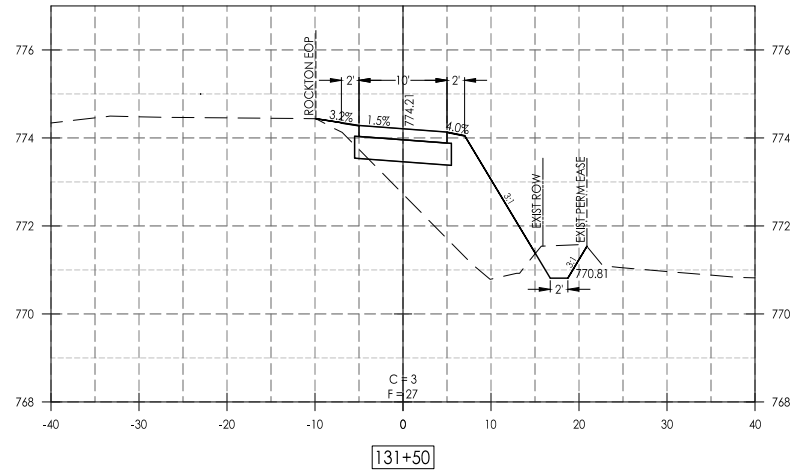
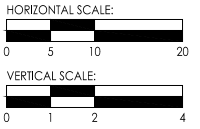


700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
PHONE: (815) 347-8425, FAX: (815) 544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: 1/24/2019

Date	Revision	By
1/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (1/22/19)	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
Cross Sections - Rockton Road



LEGEND:  
C = CUT  
F = FILL

NOTES:  
1. ALL FORESLOPES / BACKSLOPES BEYOND CLEARZONE ARE 3:1 UNLESS OTHERWISE NOTED.



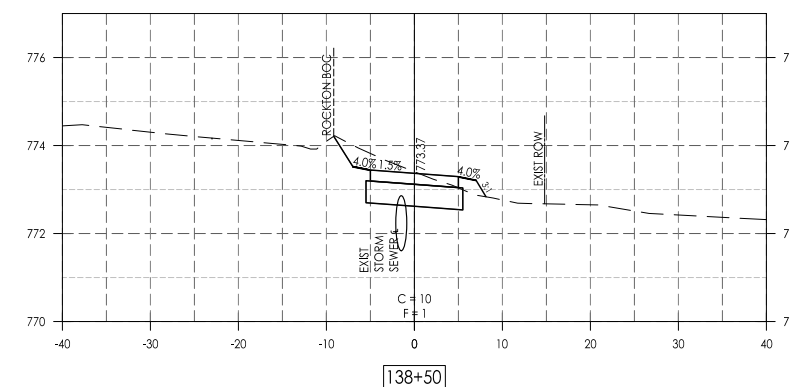
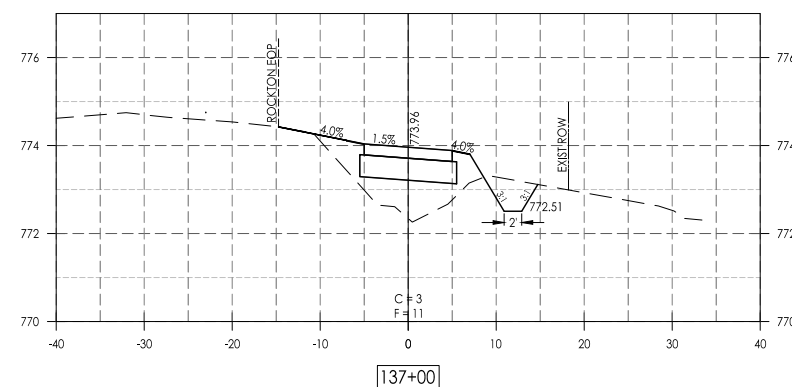
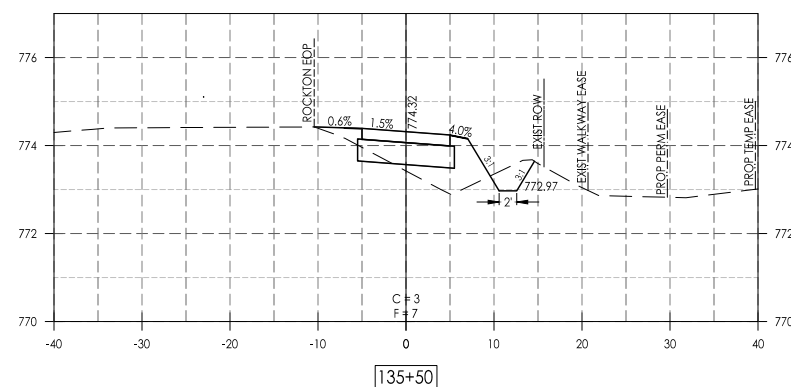
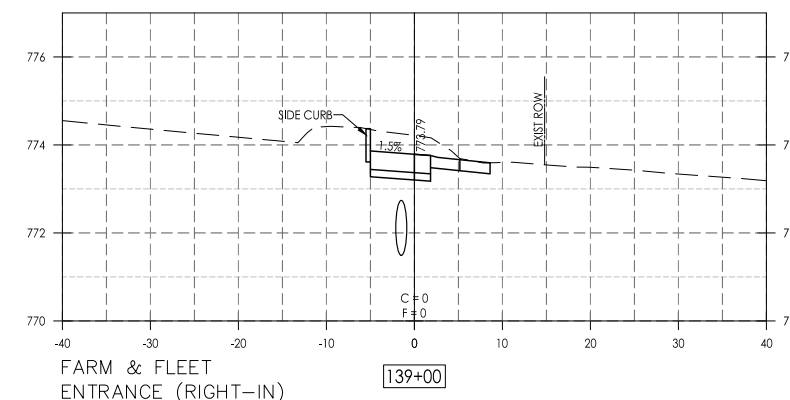
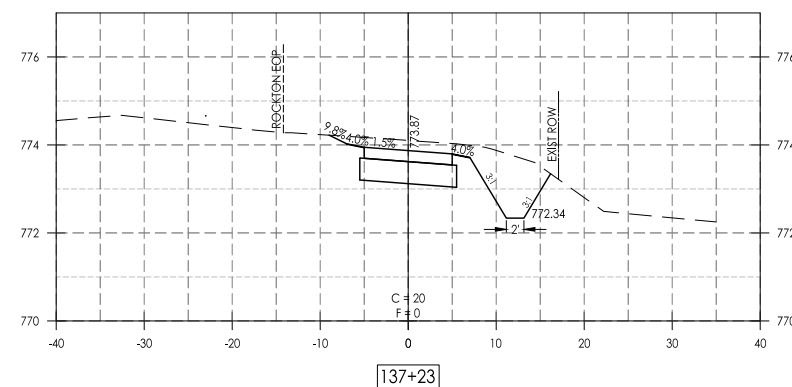
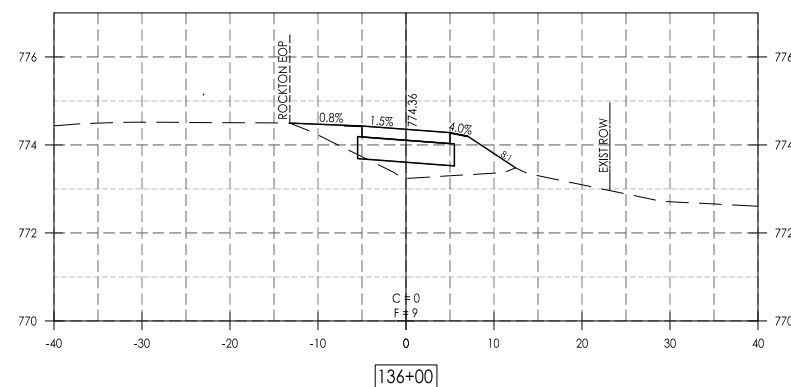
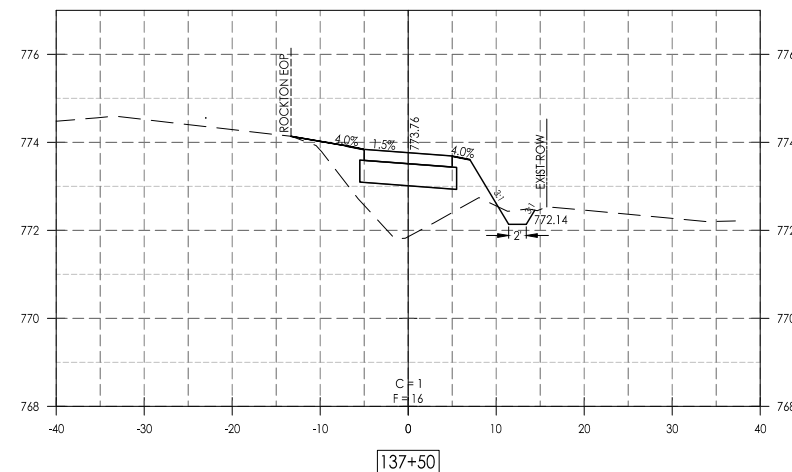
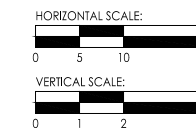
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ILLINOIS DESIGN FIRM NO. 184-001260

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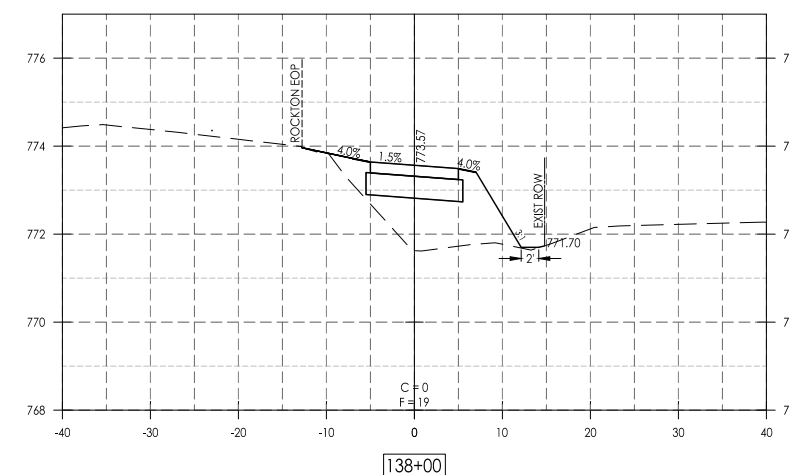
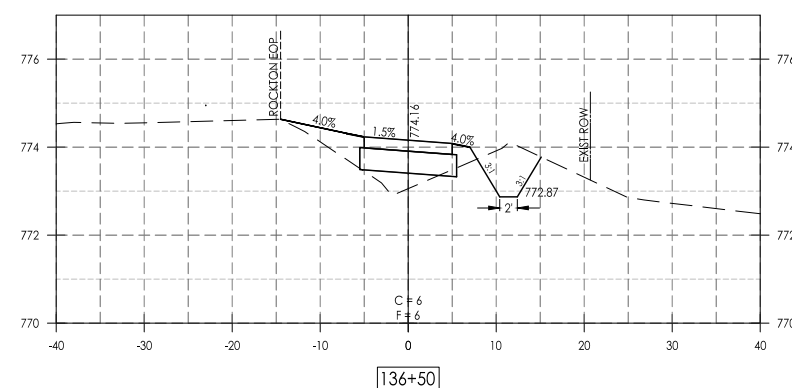
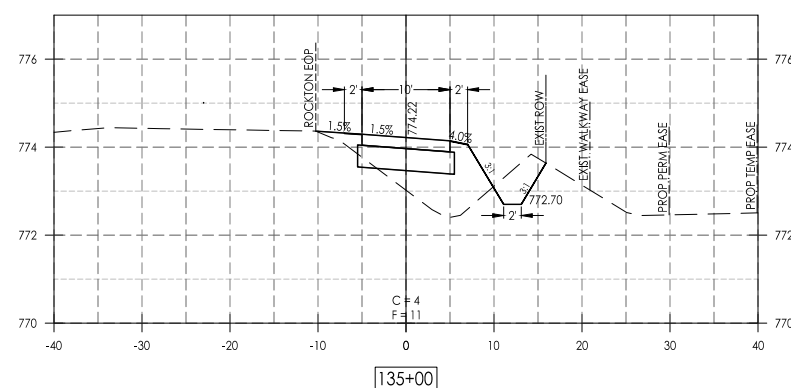
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/18)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Cross Sections - Rockton Road**

CHECKED BY: KCB	DRAWN BY: KBL/RKW	Sheet
DATE: 4/30/18	DATE: 4/30/18	39 of 51



- LEGEND:  
C = CUT  
F = FILL
- NOTES:  
1. ALL FORESLOPES / BACKSLOPES BEYOND CLEARZONE ARE 3:1 UNLESS OTHERWISE NOTED.



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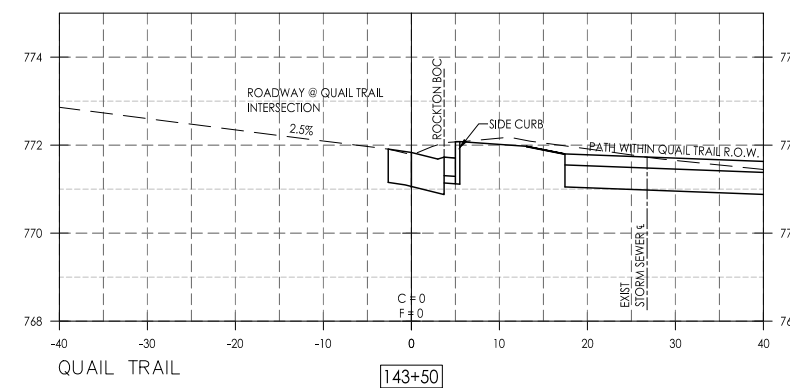
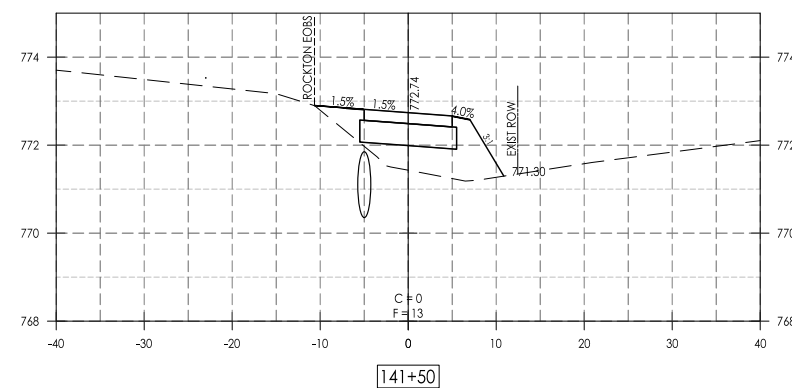
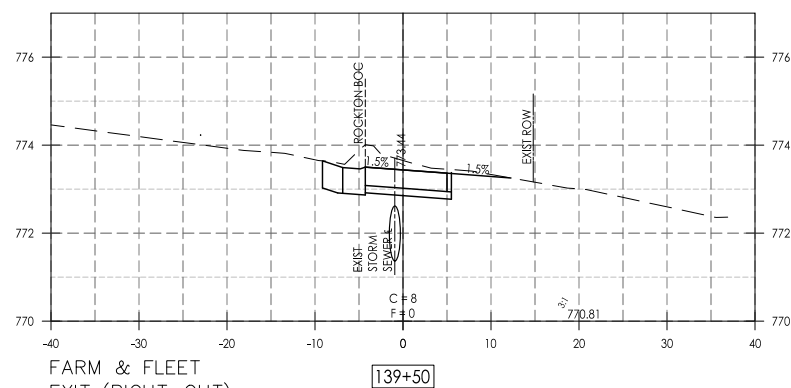
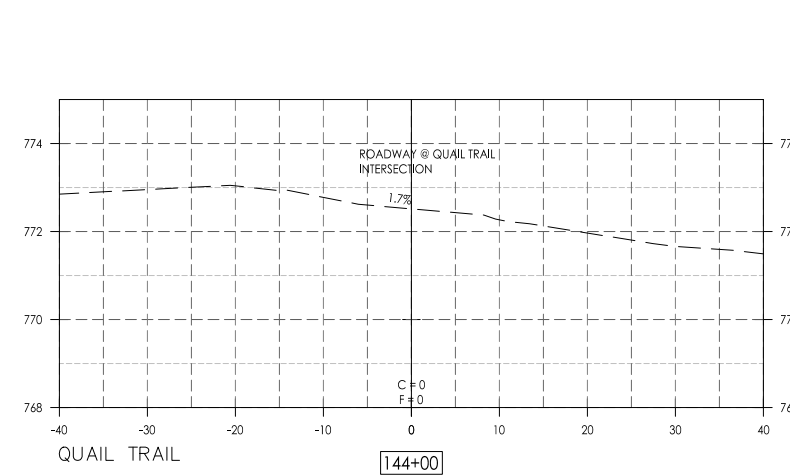
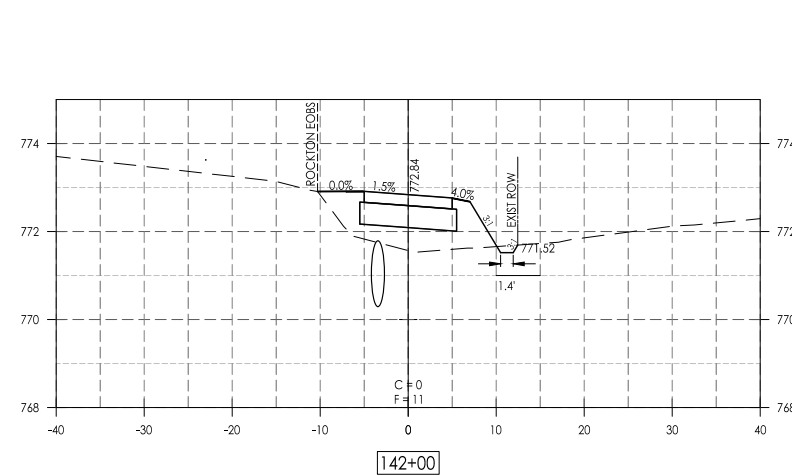
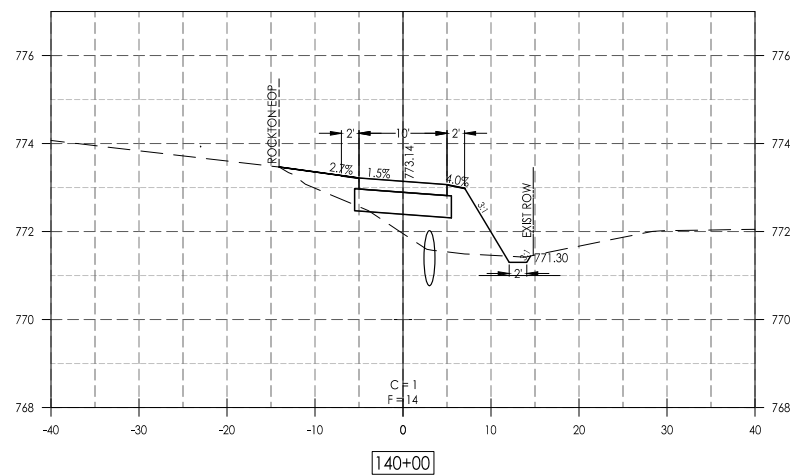
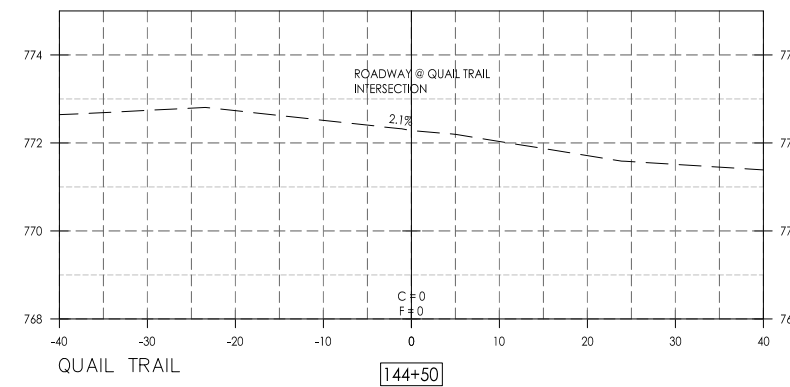
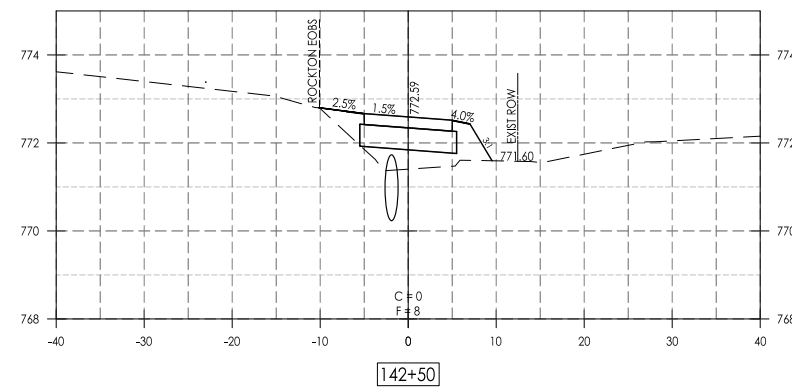
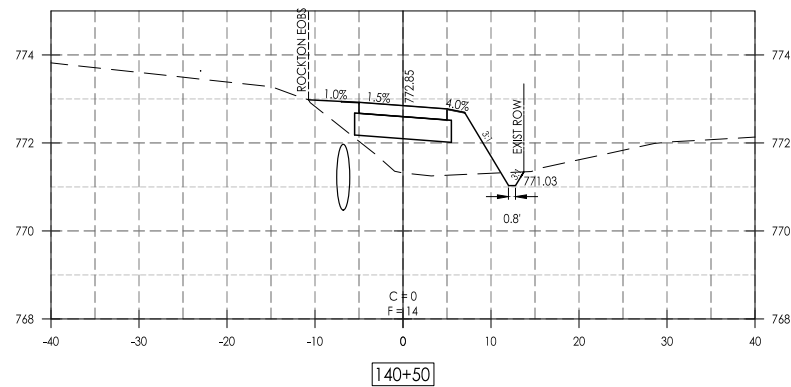
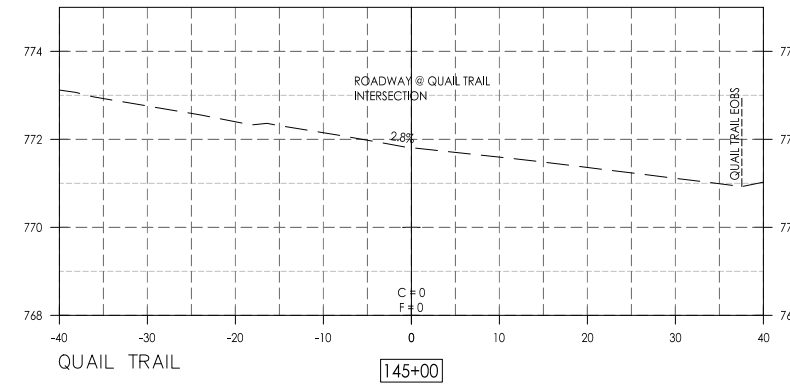
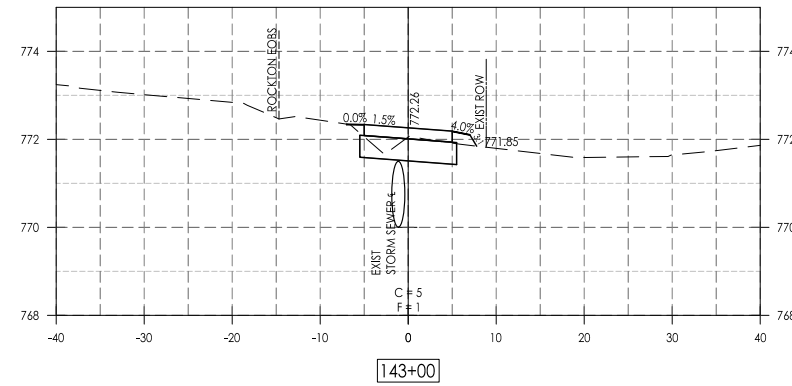
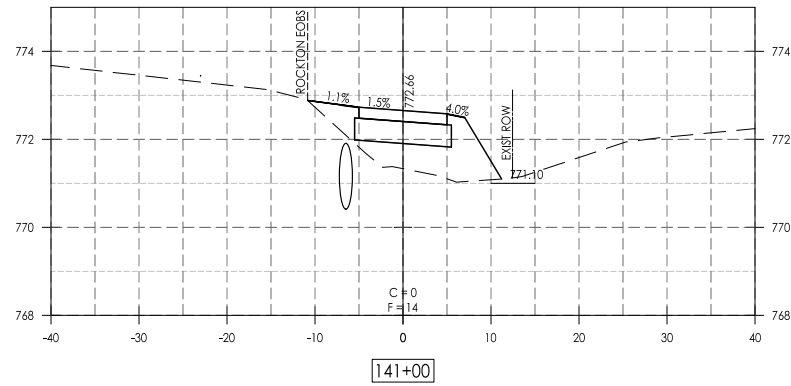
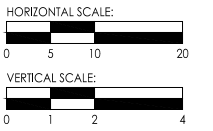
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/18)	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
Cross Sections - Rockton Road

CHECKED BY: KCB	DRAWN BY: KBL/RKW	Sheet
DATE: 4/30/18	DATE: 4/30/18	40 of 51



PER PROWAG: TRAFFIC SIGNALS AT AN INTERSECTION  
MEANS IT IS NOT STOP CONTROLLED. GRADES AT NON-STOP  
CONTROLLED INTERSECTIONS CAN BE UP TO 5.0%



LEGEND:  
C = CUT  
F = FILL

NOTES:  
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PER PROWAG: TRAFFIC SIGNALS AT AN INTERSECTION  
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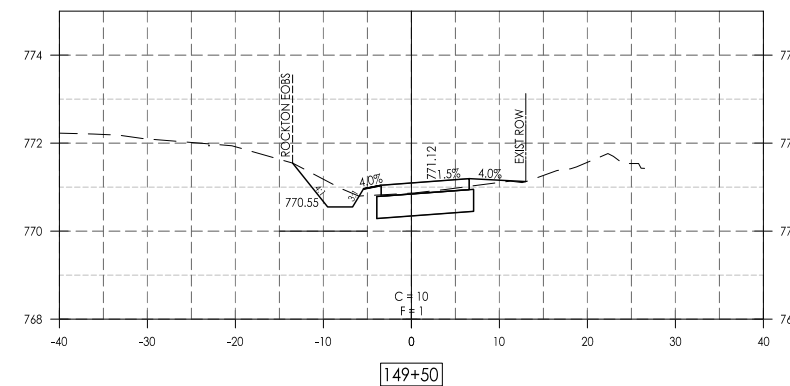
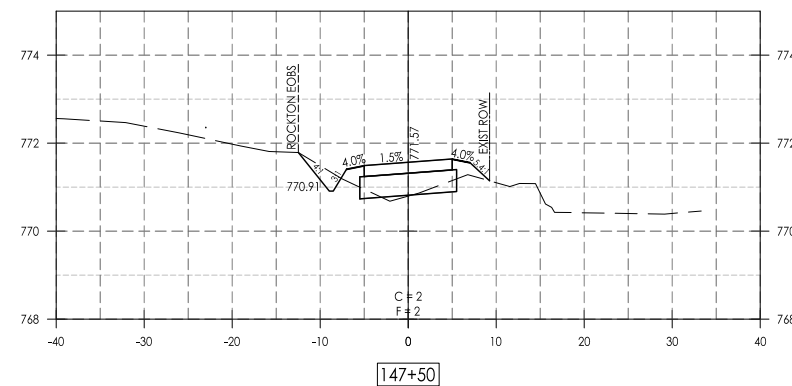
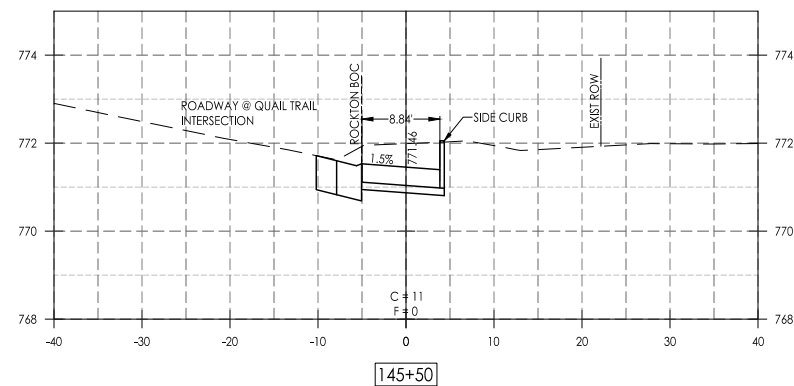
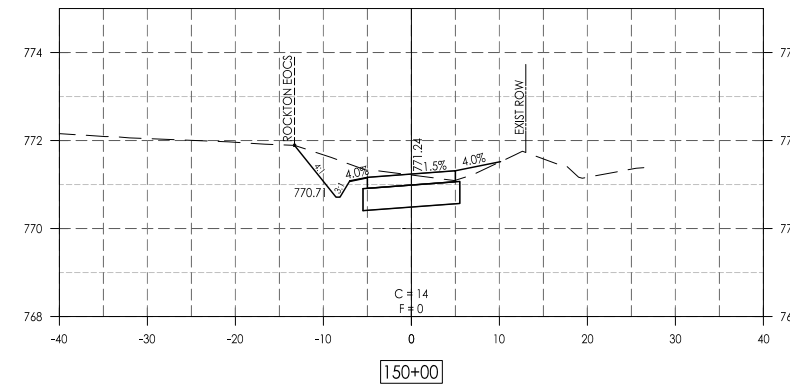
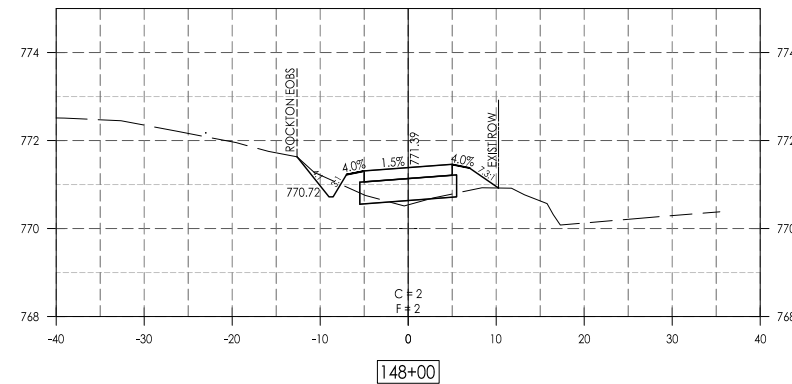
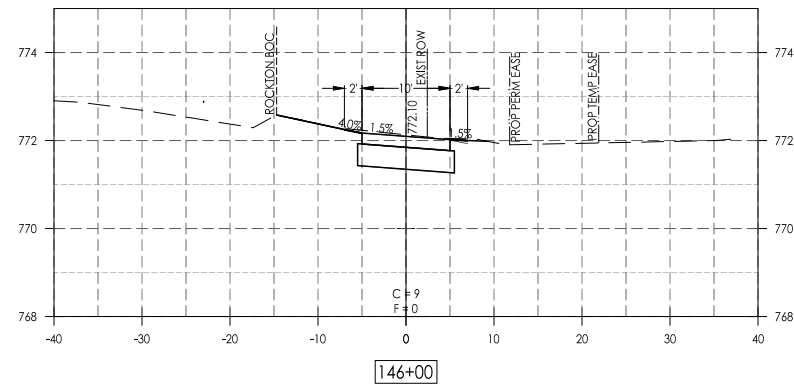
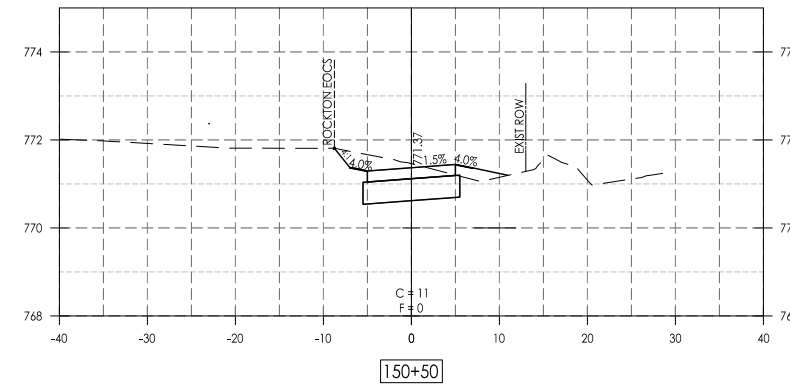
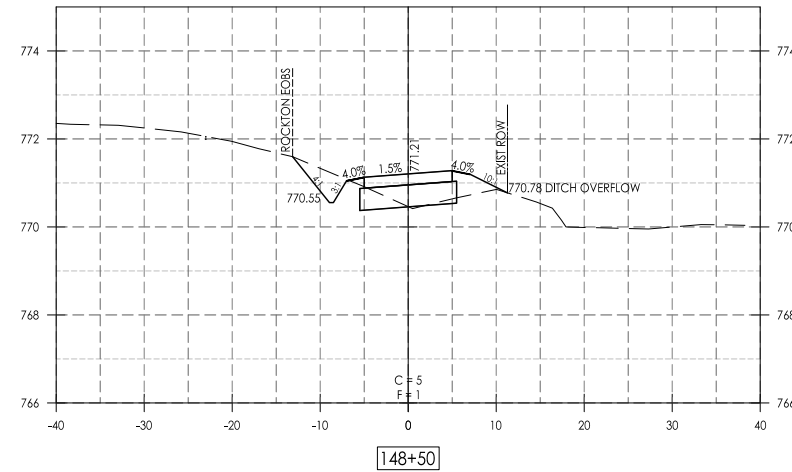
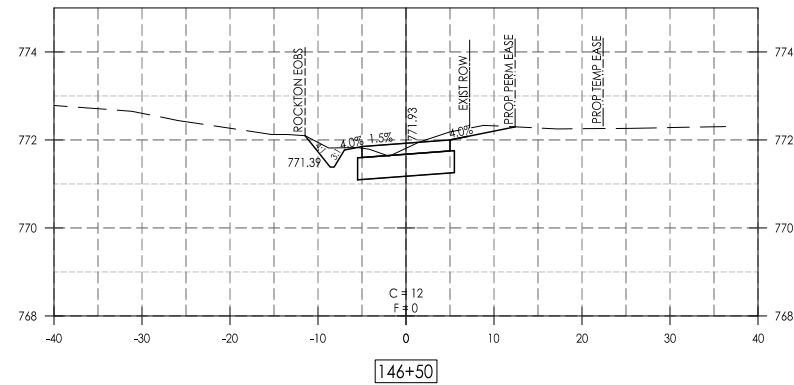
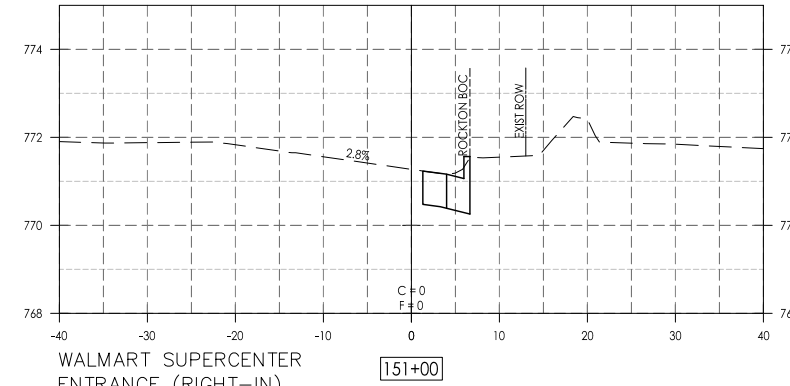
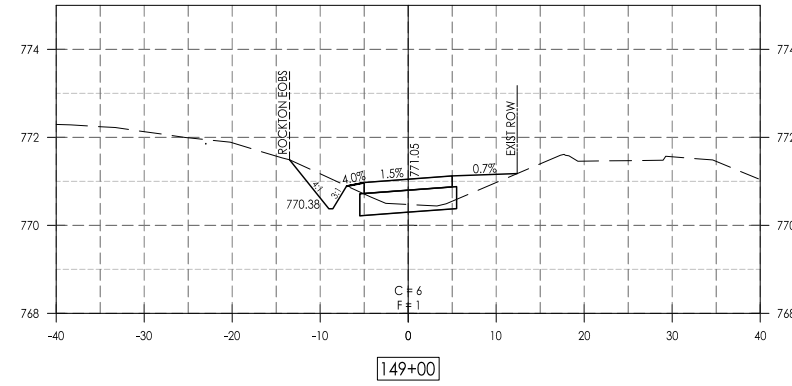
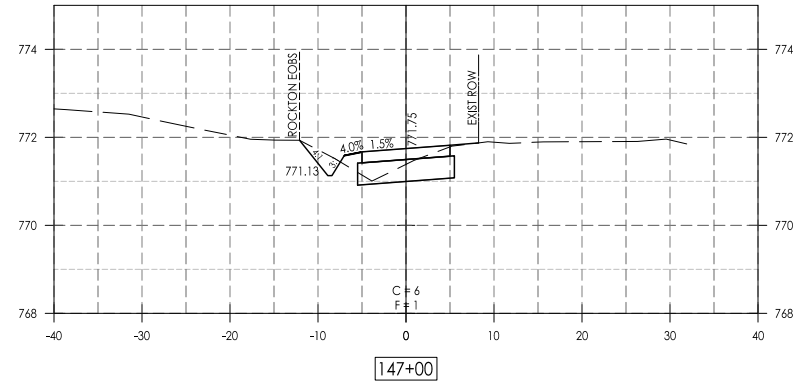
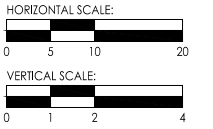


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1/15/18	REVISED PER IDOT REVIEW (11/2/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
Cross Sections - Rockton Road**

FARM & FLEET  
EXIT (RIGHT-OUT)

PER PROWAG: RIGHT IN ENTRANCE MEANS IT IS NOT STOP CONTROLLED. GRADES AT NON-STOP CONTROLLED INTERSECTIONS CAN BE UP TO 5.0%



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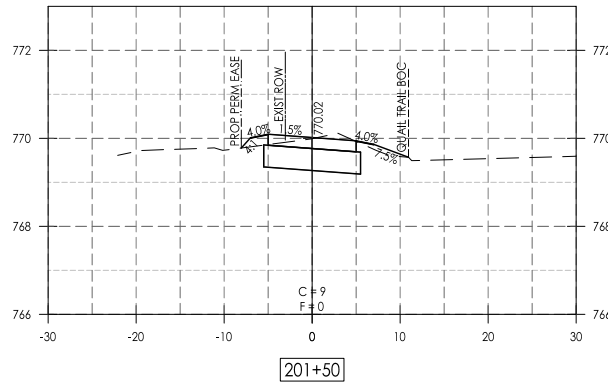
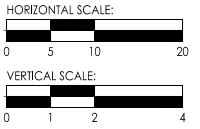


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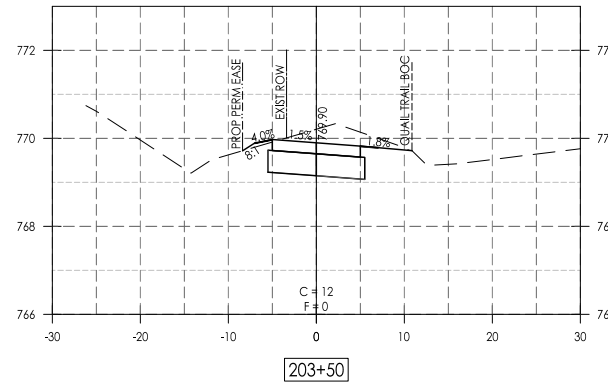
Date	Revision	By
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1/15/18	REVISED PER IDOT REVIEW (11/2/19)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility**  
 Cross Sections - Rockton Road

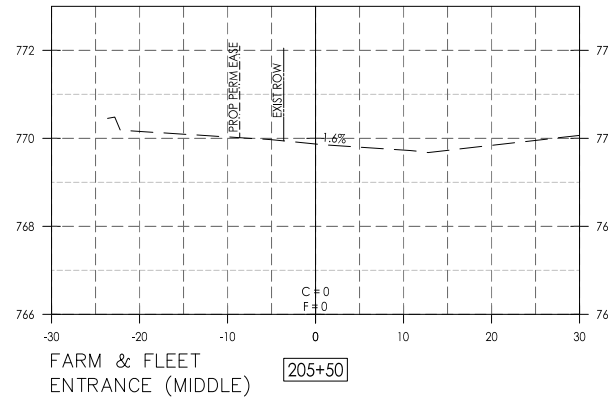
CHECKED BY: KCB	DRAWN BY: KBL/RKW	Sheet
DATE: 4/30/18	DATE: 4/30/18	42 of 51



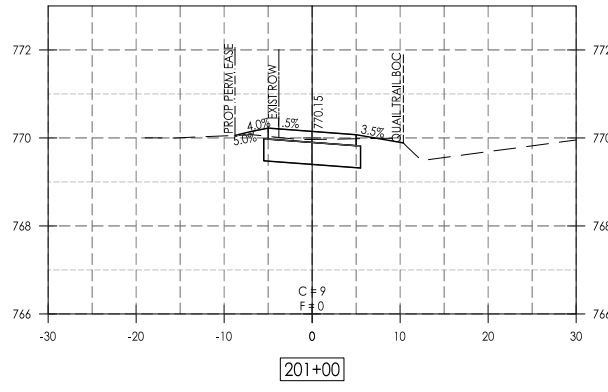
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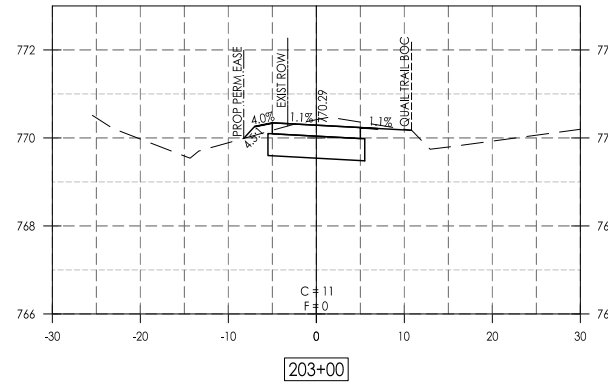
203+50



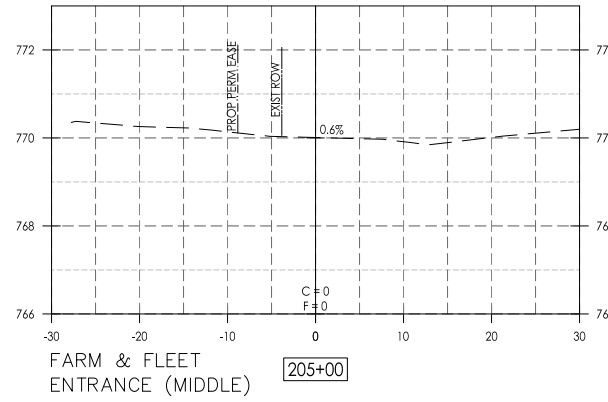
205+50



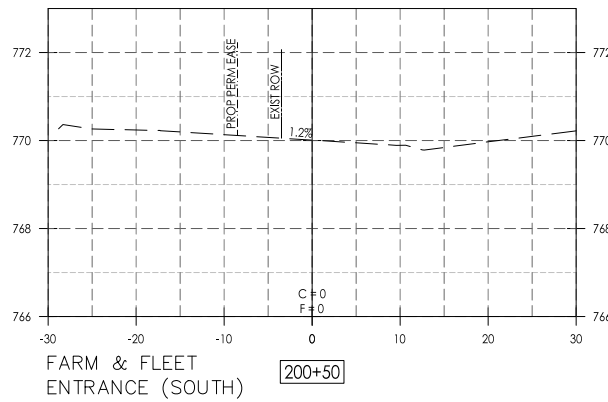
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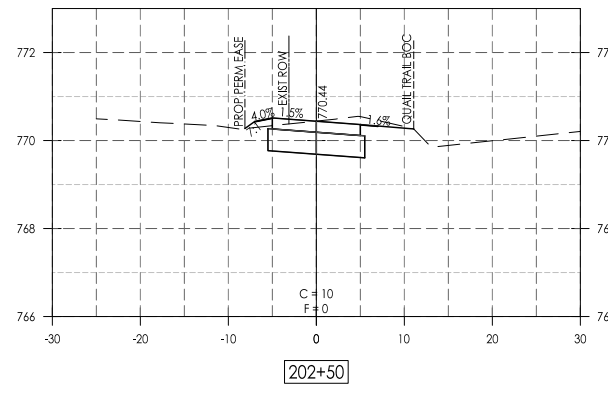
203+00



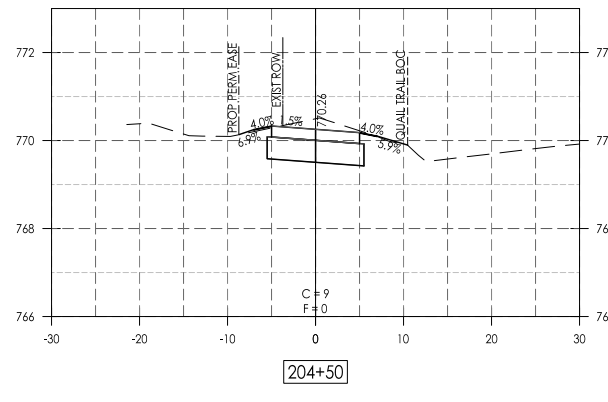
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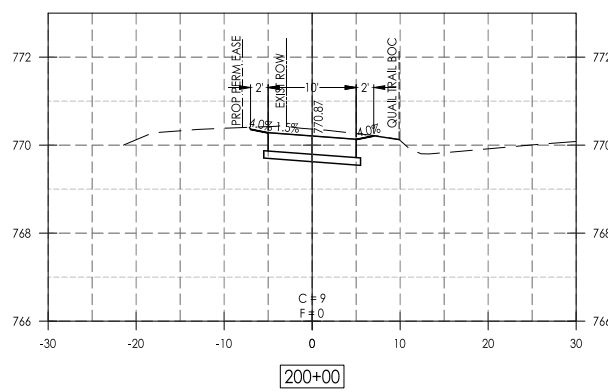
200+50



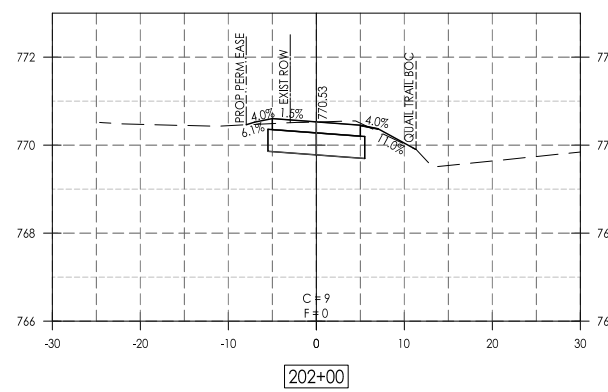
202+50



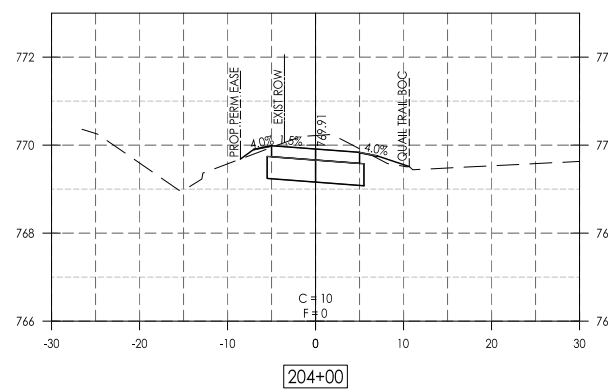
204+50



200+00



202+00



204+00

- LEGEND:**  
 C = CUT  
 F = FILL
- NOTES:**  
 1. ALL FORESLOPES / BACKSLOPES BEYOND CLEARZONE ARE 3:1 UNLESS OTHERWISE NOTED.

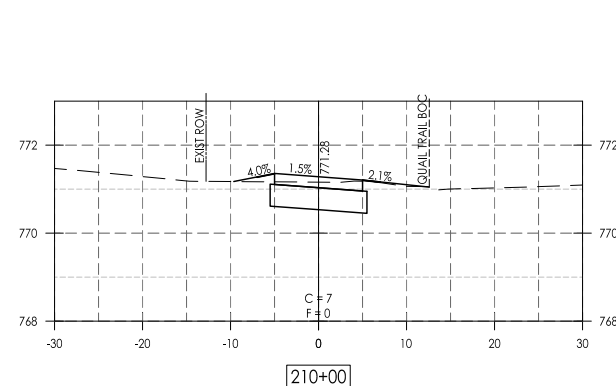
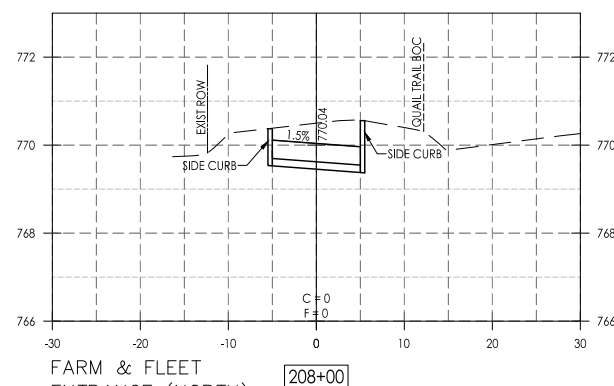
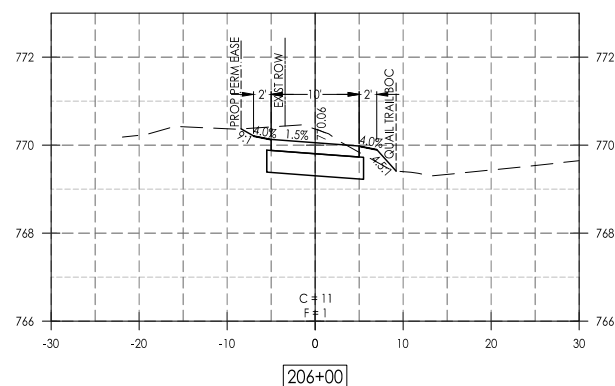
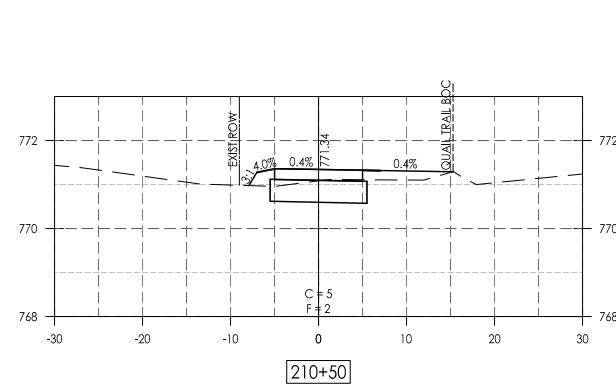
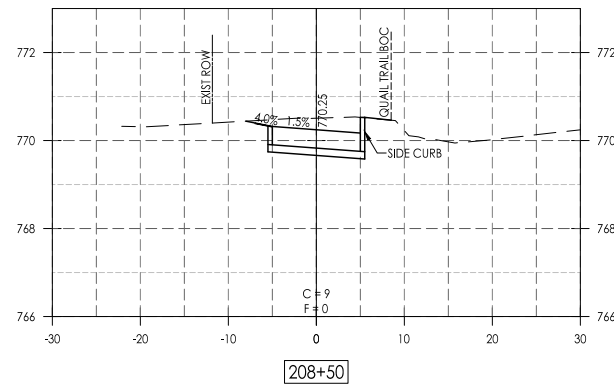
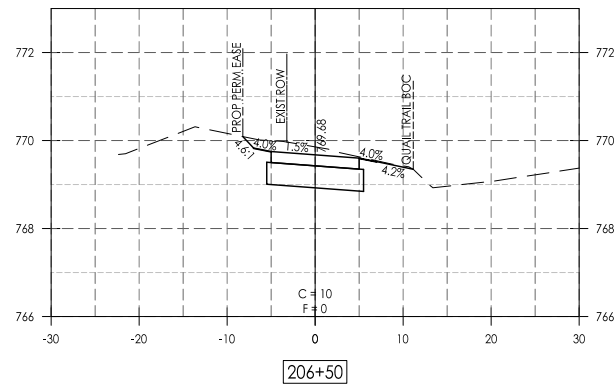
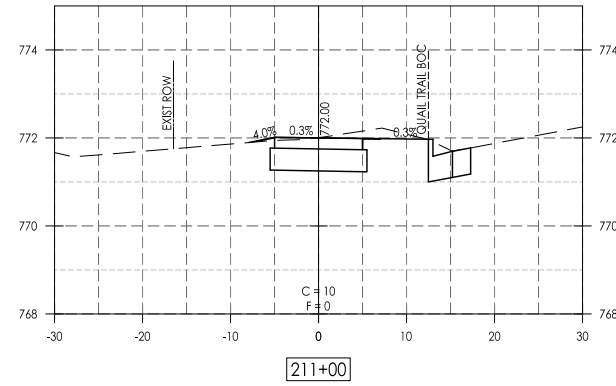
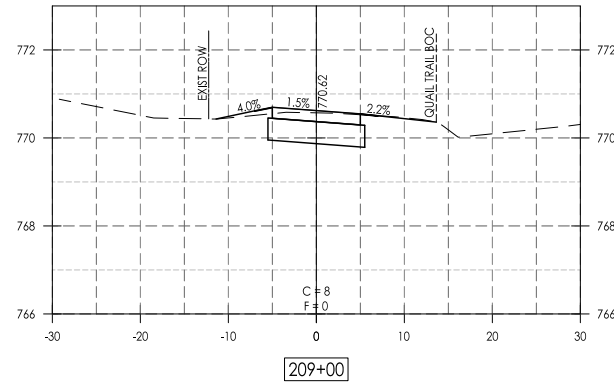
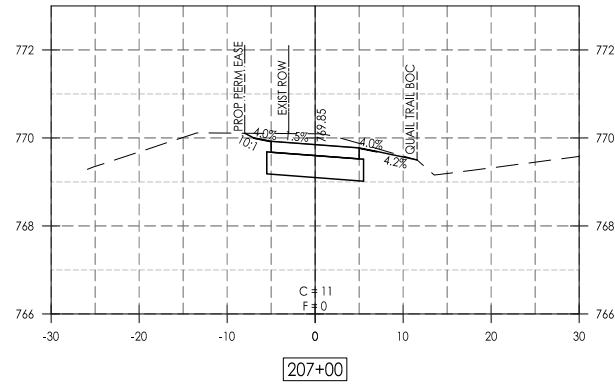
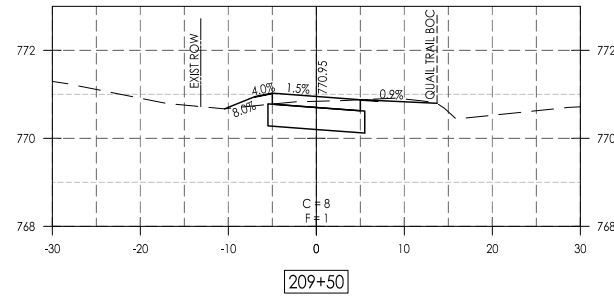
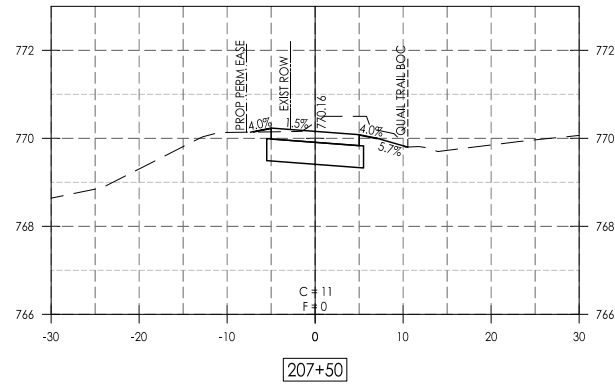
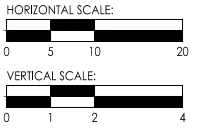


PRINTED: 1/24/2019

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/17)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility  
 Cross Sections - Quail Trail**

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KBL/RKW DATE: 4/30/18	Sheet 43 of 51
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**LEGEND:**  
C = CUT  
F = FILL

**NOTES:**  
1. ALL FORESLOPES / BACKSLOPES BEYOND CLEARZONE ARE 3:1 UNLESS OTHERWISE NOTED.



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PHONE: (815) 347-8425, FAX: (815) 344-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

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Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (11/2/17)	JAS

**E. Rockton Road Pedestrian / Bicycle Facility**  
**Cross Sections - Quail Trail**

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KBL/RKW DATE: 4/30/18	Sheet 44 of 51
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# PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED

General Notes:  
See Standard 606301 and plan sheets for station & offsets, radii, dimensions, and details not shown.

See Standard 424031 for sidewalk details not shown.

The sidewalk should drain to the low side of the island. If necessary the sidewalk shall be sloped to drain at 1%.

See the plan general notes for the type of curb & gutter to be used on islands.

The sidewalk should not be closer than 36 from the corner of the island.

Keyed longitudinal construction joints shall be constructed without tie bars.

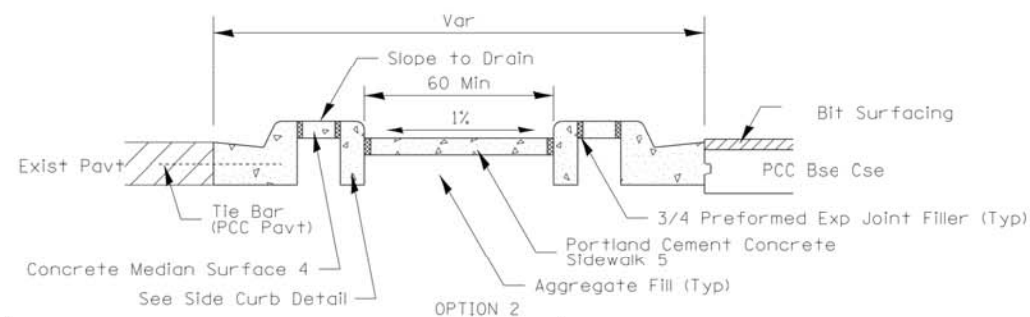
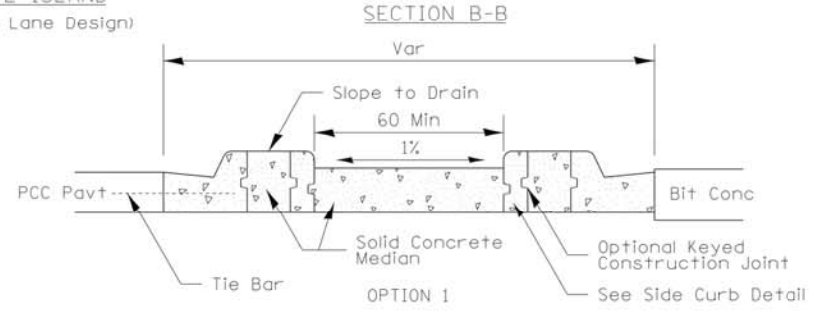
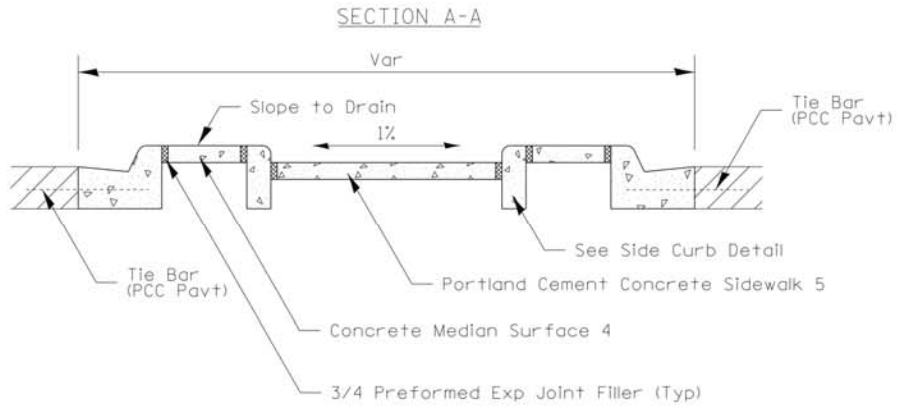
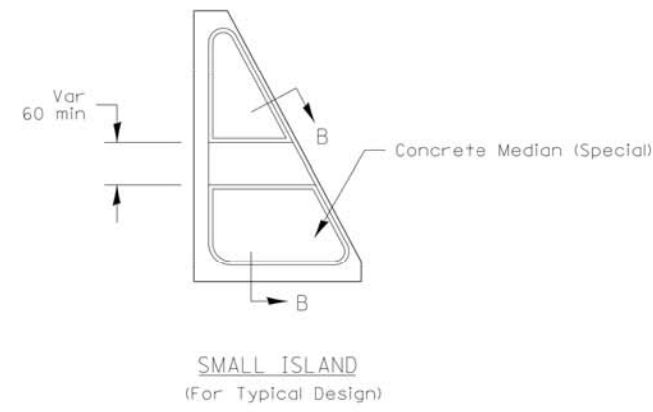
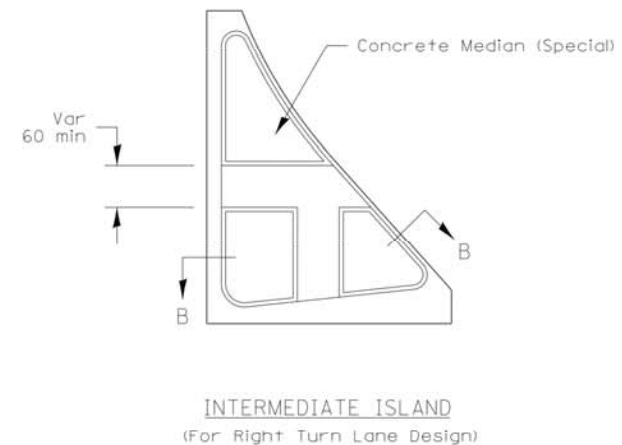
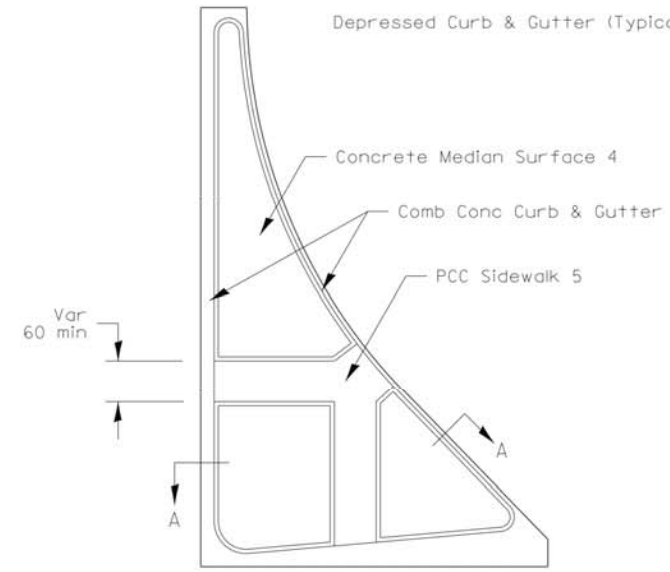
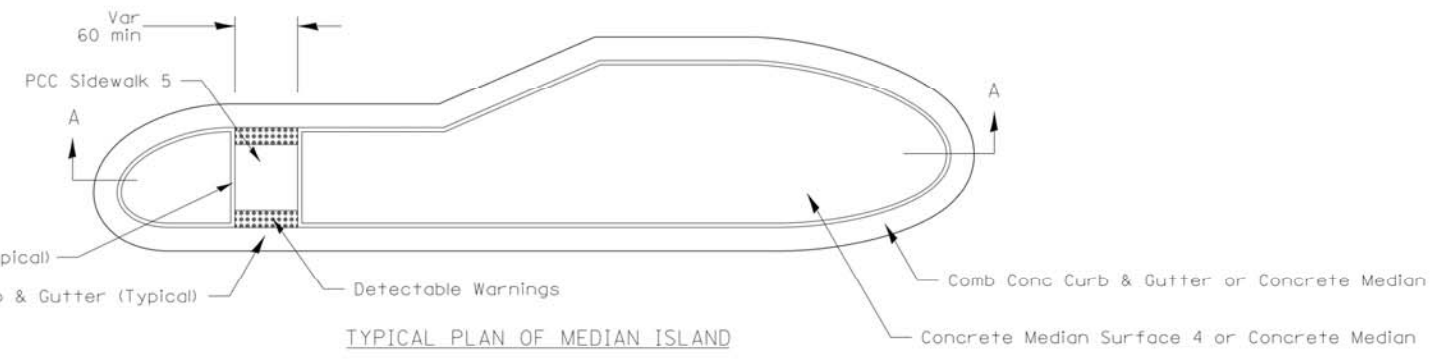
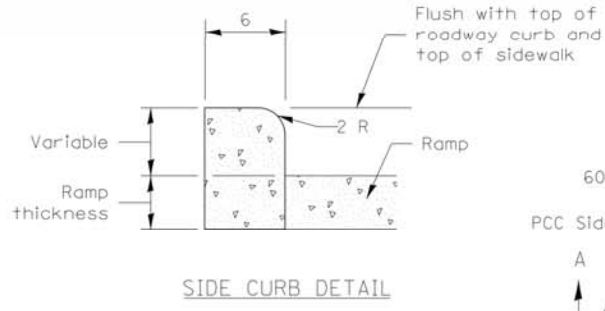
Medians and large islands shall consist of PCC Sidewalk 5, Concrete Median Surface 4, and Combination Concrete Curb & Gutter. Type M or B of the size specified. Median island can also be solid concrete medians.

Locations, layouts, and widths of the flush sidewalk area, shall be determined by the designer and shown on the plans.

The intermediate and small islands will be measured for payment from E.O.P. to E.O.P. using either option 1 or option 2, as specified in the plans, and will be paid for at the contract unit price per SQ FT for CONCRETE MEDIAN (SPECIAL) which shall include the combination curb & gutter, sidewalk, aggregate fill, concrete median surface, and solid concrete median.

Omit detectable warnings when distance between back of curbs is less than 6'.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 1-05-16
		DRAWN -	REVISED - 6-27-14
	PLOT SCALE = 1:8000' = 1" = 80'	CHECKED -	REVISED - 8-27-13
	PLOT DATE = 8/4/2017	DATE -	REVISED - 10-09-12

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

## PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED

4.1

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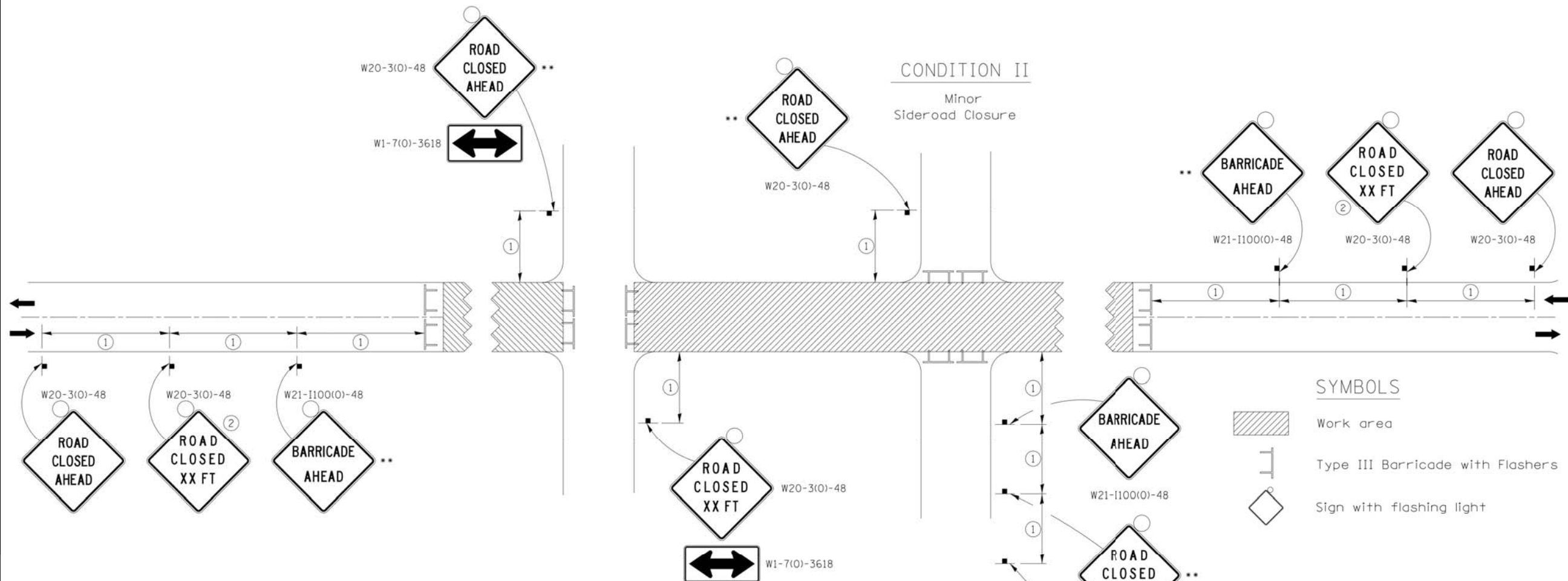
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
PHONE: (815) 547-8435, FAX: (815) 544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAB
1/15/18	REVISED PER IDOT REVIEW (1/2/19)	JAB

E. Rockton Road Pedestrian / Bicycle Facility  
Standard Details

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KRL/RKW DATE: 4/30/18	Sheet 45 of 51
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# TRAFFIC CONTROL FOR ROAD CLOSURE



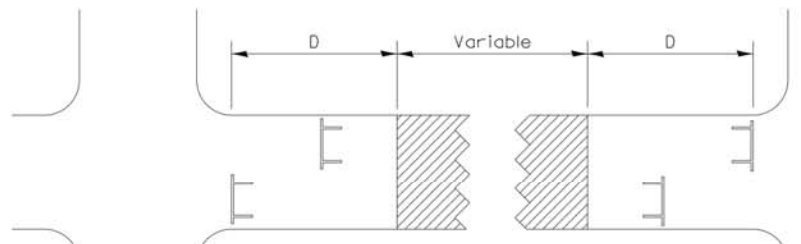
① **SIGN SPACING TABLE**

Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

② **SIGN LEGEND**

Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

**ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP**



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

**GENERAL NOTES**

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in **CONDITION I** (Major Sideroad Closure), shall be listed in the special provision.

\*\* Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

All dimensions are in inches unless otherwise shown.

**TYPICAL APPLICATION FOR ROAD CLOSURE**

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 8-03-17	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 1-05-16		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.
		CHECKED -	REVISED - 8-27-13		<b>TRAFFIC CONTROL FOR ROAD CLOSURE 40.1</b>								
		DATE -	REVISED - 10-17-11		PRINTED: 1/4/2019								

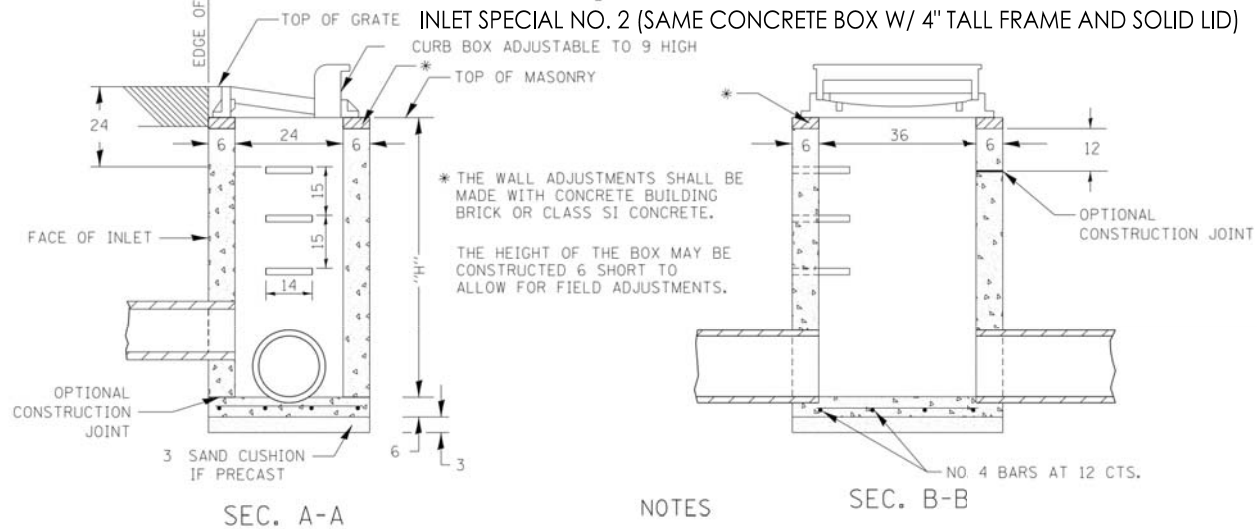


Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (1/22/19)	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
STANDARD DETAILS

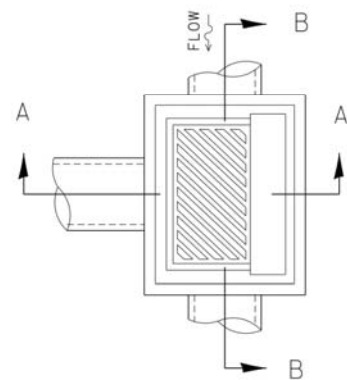
CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KRL/RKW DATE: 4/30/18	Sheet 46 of 51
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# INLETS, SPECIAL NO. 1 & NO. 2

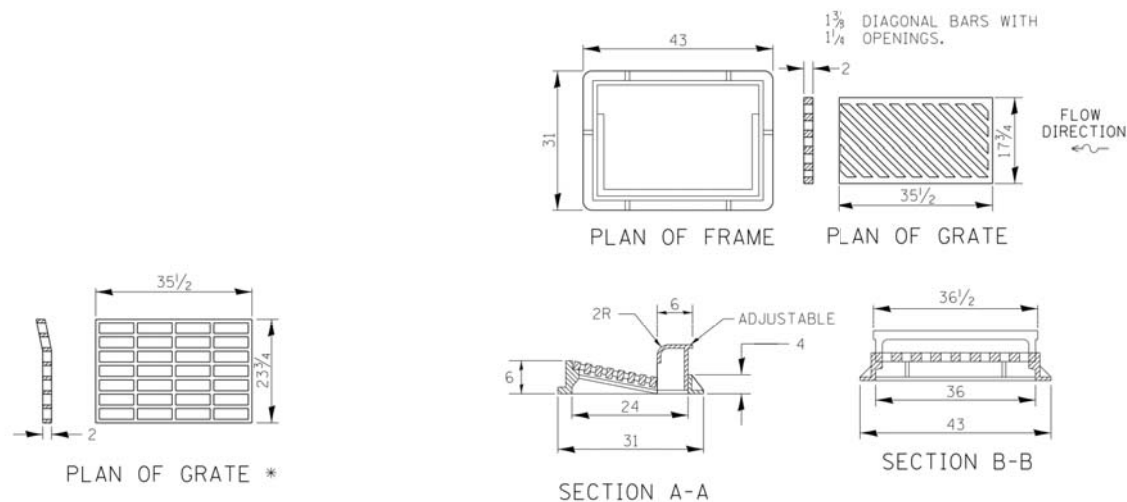


## NOTES

- SEE STANDARD 602701 FOR DETAILS OF STEPS.
- EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
- THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.
- ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.
- WEIGHT OF CAST IRON FRAME & GRATE = 530 lbs. ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.
- CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 psi AFTER 28 DAYS.
- THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



## DETAIL OF FRAME & GRATE



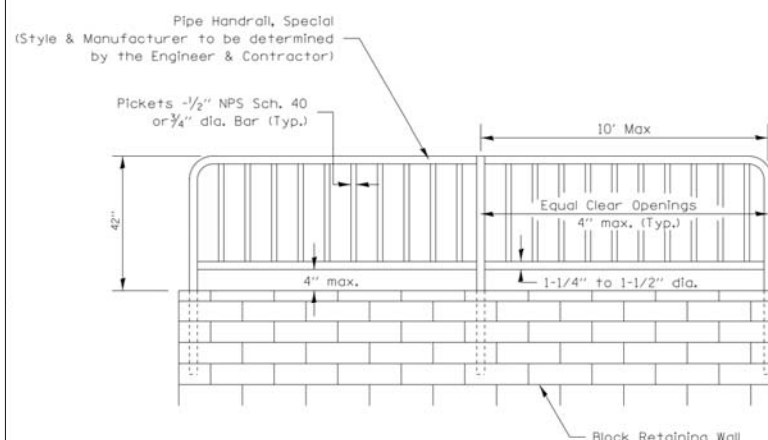
\* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

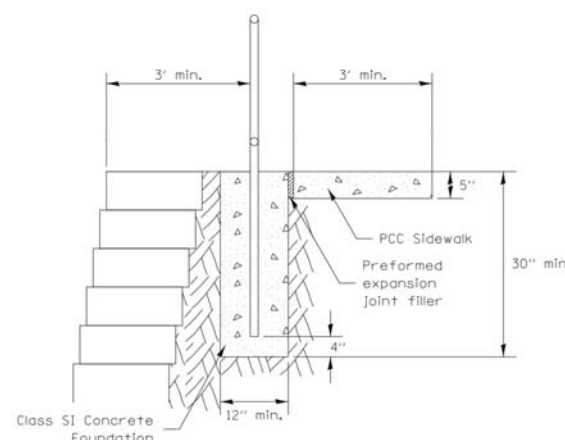
REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 6-27-14						
REVISED - 10-13-11						
REVISED -	SCALE: 1:0000' / 1" = 10'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO.

**INLETS, SPECIAL 10.2**

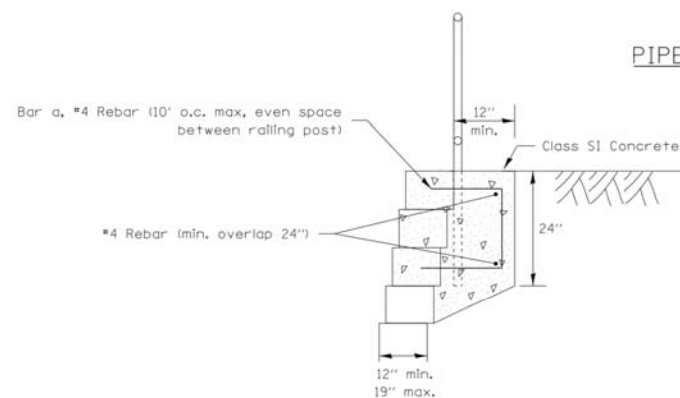
# PIPE HANDRAIL, SPECIAL - FOR RETAINING WALLS



## PIPE HANDRAIL, SPECIAL - FOR RETAINING WALL (See details for installation options)



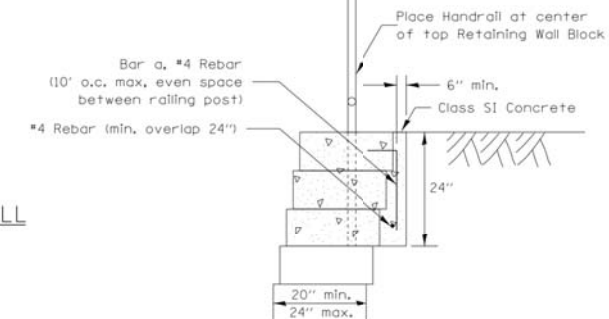
## PIPE HANDRAIL, SPECIAL - FOR RETAINING WALL (Option 1)



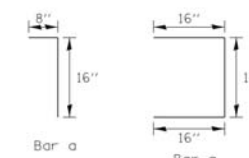
## PIPE HANDRAIL, SPECIAL - FOR RETAINING WALL (Option 3 - Block depth 12\"/>

## Notes:

- Gripping surfaces shall be uninterrupted by construction elements, or obstructions.
- Ends of handrail shall be rounded.
- Handrail shall not rotate within their fittings.
- Handrail shall conform to Section 509 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 1006.30, or 1006.34.
- The diameter of the gripping surface of the handrail shall be 1-1/4" to 1-1/2"
- Handrail required when wall height difference is 4' or greater
- Drilling of blocks will be necessary for reinforcement placement.
- This work shall consist of furnishing and erecting Handrails as listed above and according to this detail. This work shall be paid for at the contract UNIT price per FOOT for PIPE HANDRAIL, SPECIAL.



## PIPE HANDRAIL, SPECIAL - FOR RETAINING WALL (Option 2 - Block depth greater than 20")



REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 12-03-14						
REVISED - 2-01-10						
REVISED -	SCALE: 1:0000' / 1" = 10'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO.

**PIPE HANDRAIL, SPECIAL - FOR RETAINING WALLS 64.2**



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PRINTED: 1/24/2019

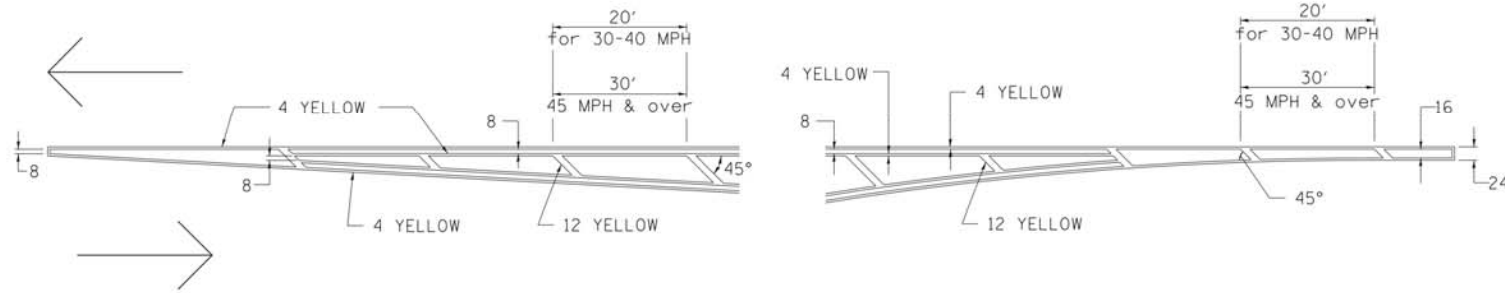
Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAS
1/15/18	REVISED PER IDOT REVIEW (1/2/19)	JAS

E. Rockton Road Pedestrian / Bicycle Facility  
Standard Details

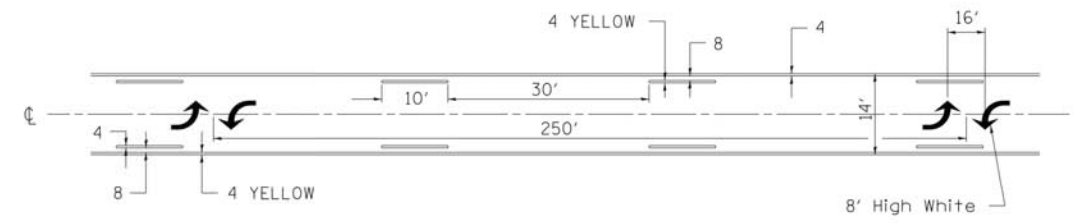
CHECKED BY: KCB DATE: 4/30/18  
DRAWN BY: KRL/RKW DATE: 4/30/18  
Sheet 47 of 51

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

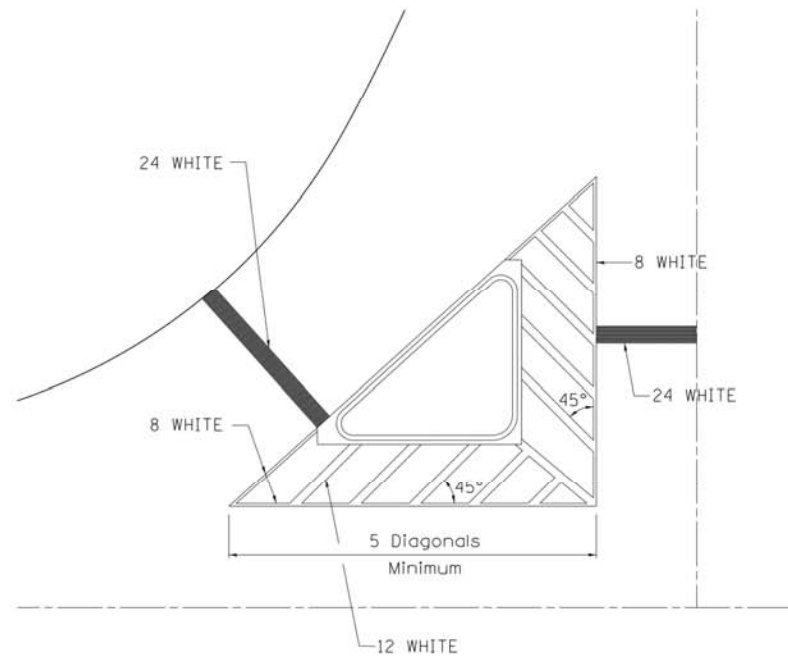


## MEDIAN PAVEMENT MARKING



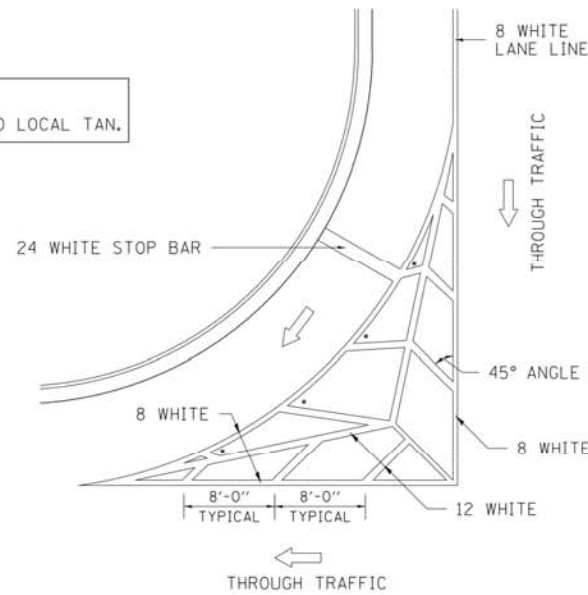
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



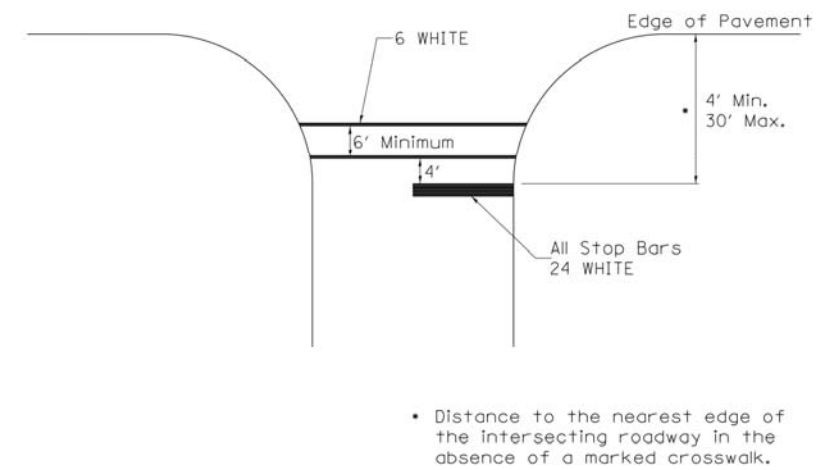
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations



FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 1:8000' / in	CHECKED -	REVISED -
	PLOT DATE = 8/4/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

PRINTED: 1/24/2019



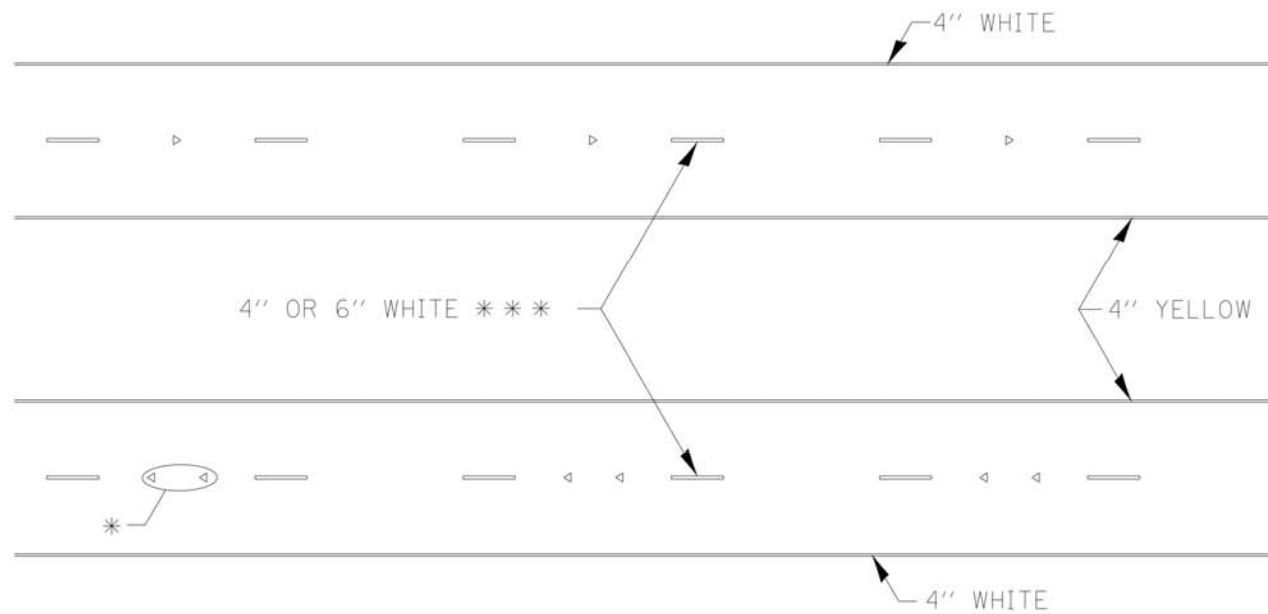
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
PHONE: (815) 547-8435, FAX: (815) 544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAB
1/15/18	REVISED PER IDOT REVIEW (1/22/19)	JAB
E. Rockton Road Pedestrian / Bicycle Facility Standard Details		
CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KRL/RKW DATE: 4/30/18	Sheet 48 of 51



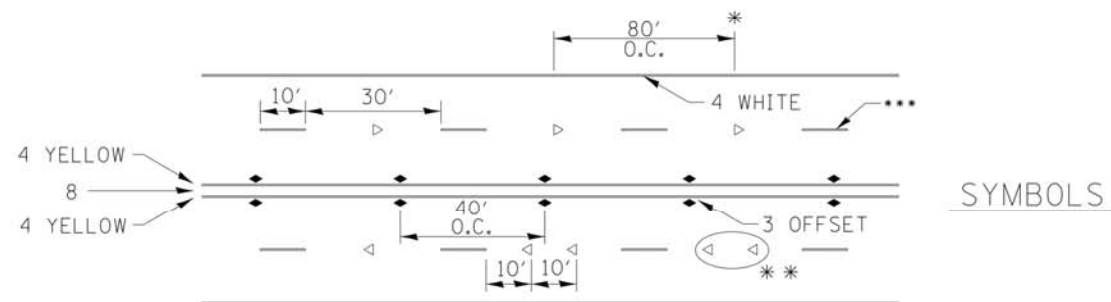


# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS. USE DOUBLE MARKERS WHEN ADT > 20,000.

## MULTI-LANE / DIVIDED

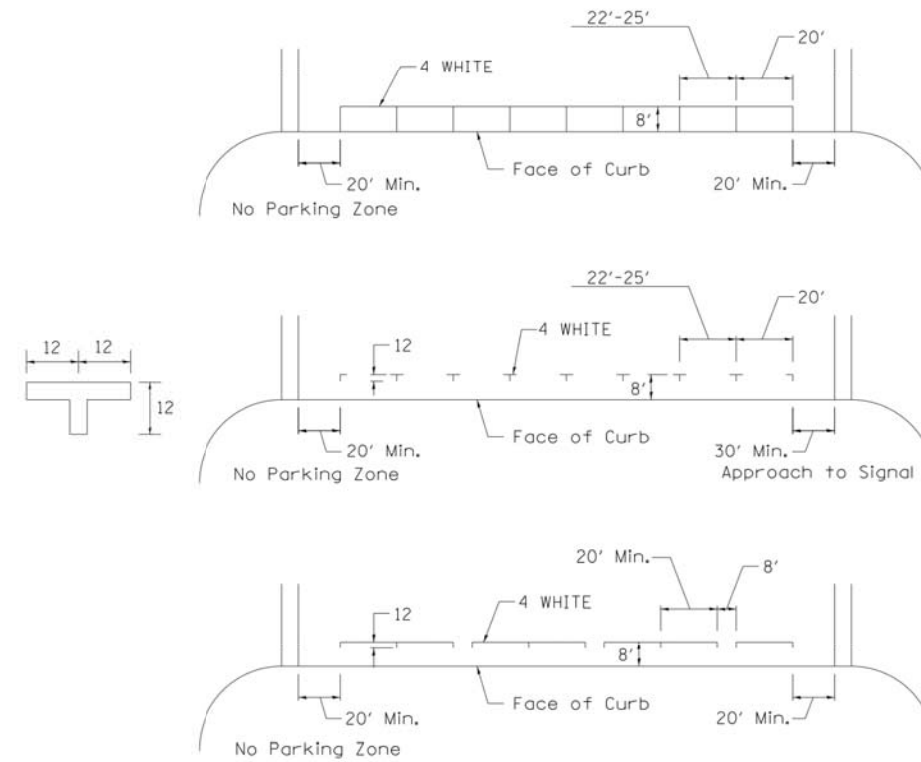


- REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

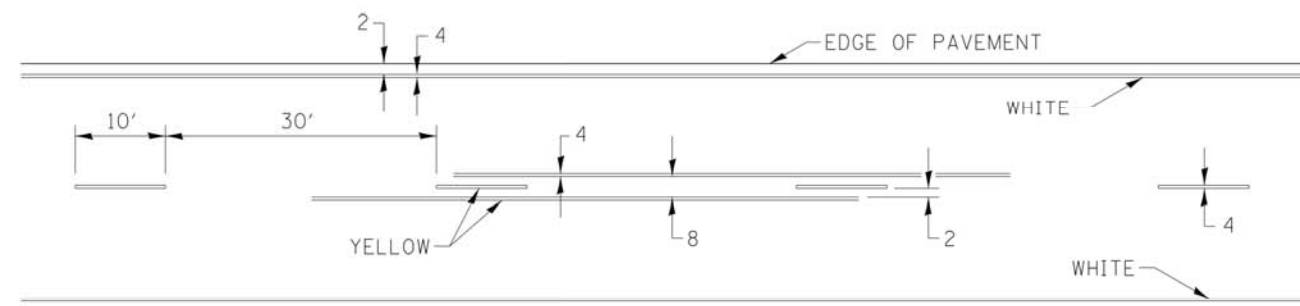
## MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PARKING SPACING



## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
		DRAWN -	REVISED - 8-27-13
	PLOT SCALE = 1:8000' / in	CHECKED -	REVISED - 11-28-12
	PLOT DATE = 8/4/2017	DATE -	REVISED -

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	
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<b>REGION 2 / DISTRICT 2 STANDARD</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			CONTRACT NO.	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

**TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1**

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700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008  
PHONE: (815) 547-8435, FAX: (815) 544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
11/13/18	REVISED PER IDOT REVIEW (5/18/18)	JAB
1/15/19	REVISED PER IDOT REVIEW (1/22/19)	JAB
E. Rockton Road Pedestrian / Bicycle Facility STANDARD DETAILS		
CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KRL/RKW DATE: 4/30/18	Sheet 50 of 51

# CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED (DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1-1/2 IN DIAMETER AND 9 DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4 X 18 SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

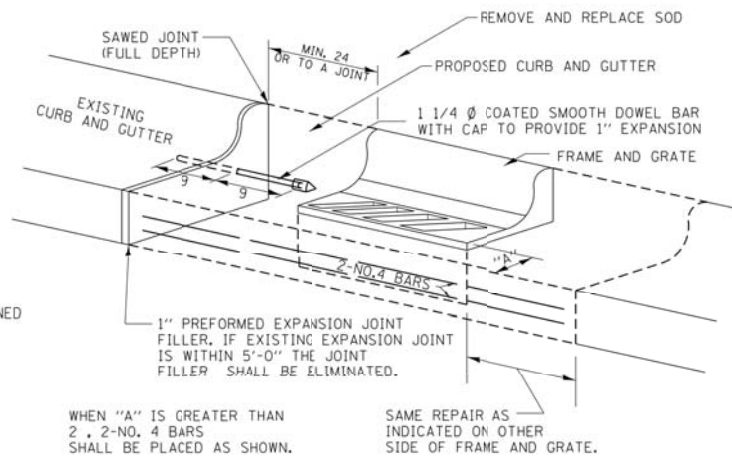
JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AS SPECIFIED.



WHEN "A" IS GREATER THAN 2', 2-NO. 4 BARS SHALL BE PLACED AS SHOWN.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

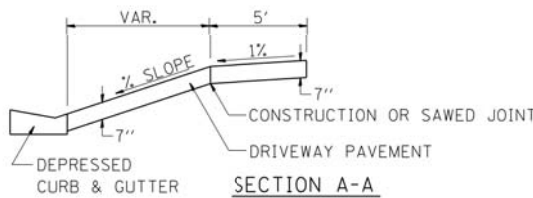
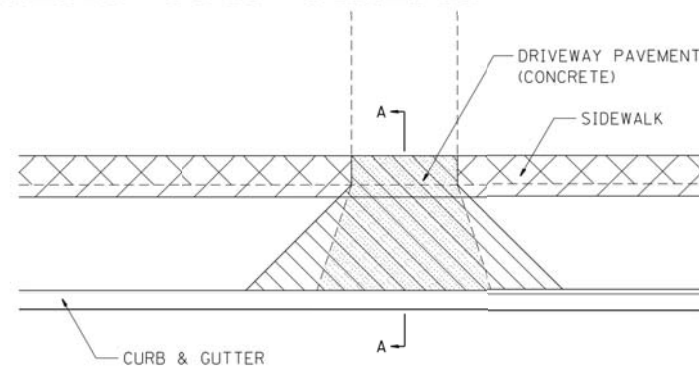
REVISED - 9-30-11	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -									
REVISED -									
REVISED -									
SCALE: 1:5495 1/2" = 1'	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4

# SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

PAY FOR AS

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PCC SIDEWALK 5
- PCC DRIVEWAY PAVEMENT 7



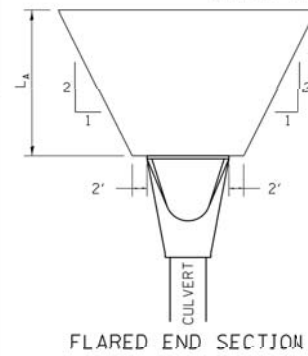
FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

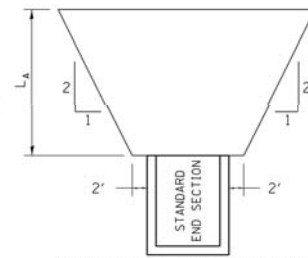
REVISED - 6-27-14	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-03-11									
REVISED -									
REVISED -									
SCALE: 1:5495 1/2" = 1'	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

# RIPRAP AT END SECTIONS



FLARED END SECTION

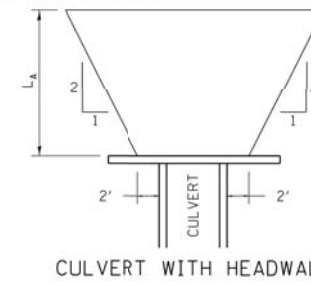


STANDARD END SECTION

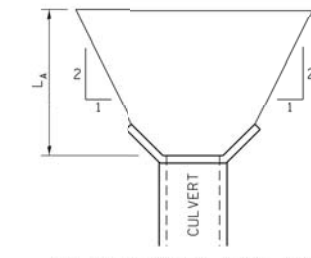
L<sub>A</sub> = APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH (L<sub>A</sub>).

STANDARD END SECTION: 542001 (PIPE), 542011 (ELLIPTICAL) DISTRICT STANDARD 10.1 (BOX).



CULVERT WITH HEADWALL

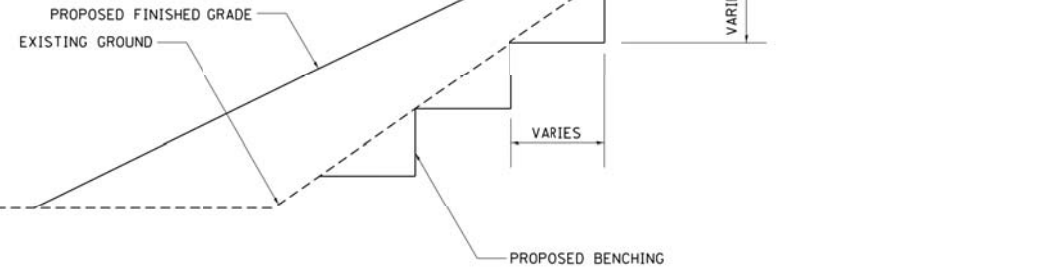


CULVERT WITH WING WALLS

REVISED - 7-13-16	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 11-12-14									
REVISED - 2-10-14									
REVISED -									
SCALE: 1:5495 1/2" = 1'	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

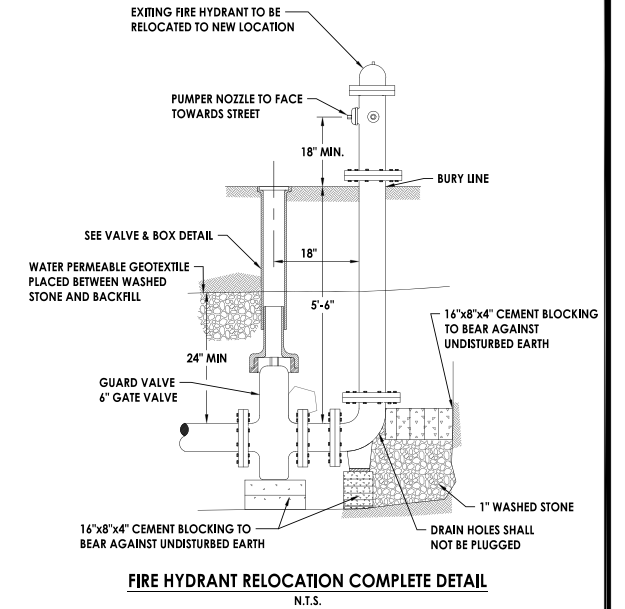
RIPRAP AT END SECTIONS 19.4

# TYPICAL BENCHING ON EXISTING EMBANKMENT

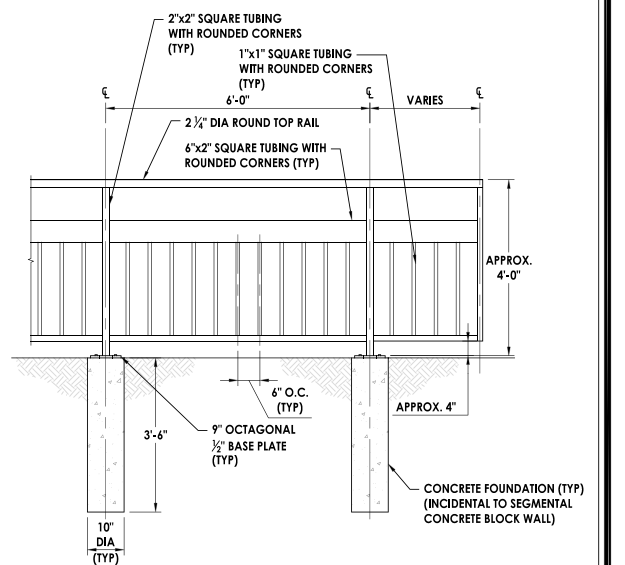


REVISED - 2-22-06	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -									
REVISED -									
REVISED -									
SCALE: 1:5495 1/2" = 1'	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4



FIRE HYDRANT RELOCATION COMPLETE DETAIL N.T.S.



**NOTES:**

- CONTRACTOR SHALL FIELD VERIFY DIMENSIONS. COLOR, SHAPE AND GENERAL CONSTRUCTION OF THE FINISHES. CONTRACTOR SHALL MATCH EXISTING HANDRAIL LOCATED ADJACENT TO DORR ROAD.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR RAILING.
- POWDER COAT RAILING. PAINT COLOR KELLEY GREEN.
- THIS DETAIL APPLIES TO ALL LOCATIONS FOR PIPE RAILING SPECIAL.

PIPE HANDRAIL SPECIAL DETAIL (MATCH EXISTING) N.T.S.



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E. Rockton Road Pedestrian / Bicycle Facility  
Standard Details

CHECKED BY: KCB DATE: 4/30/18	DRAWN BY: KRL/RKW DATE: 4/30/18	Sheet 51 of 51
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