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SHARED-USE PATH EXTENSION

FOR

FLAGG-ROCHELLE COMMUNITY PARK DISTRICT

OGLE COUNTY, ILLINOIS

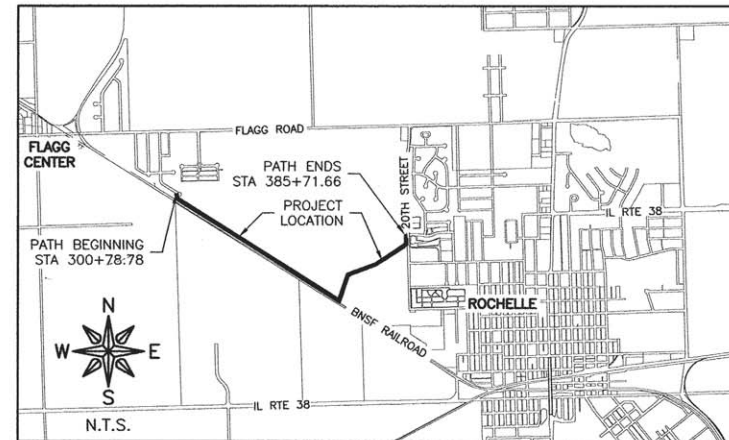
ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14
 CONTRACT No. 85640



PLAN & PROFILE



CROSS SECTIONS



LOCATION MAP

PROJECT LENGTH: 8493 FEET (1.6 MILES)



AGENCY RESPONSIBLE FOR LETTING

APPROVED: 4-18-16
 [Signature]
 FLAGG-ROCHELLE COMMUNITY PARK DISTRICT

PASSED: 4/21/16
 [Signature]
 DISTRICT #2 ENGINEER OF LOCAL ROAD & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: APRIL 21, 2016
 [Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION #2 ENGINEER

UTILITIES		
UTILITY TYPE	COMMON NAME	CONTACT
ELECTRIC	ROCHELLE MUNICIPAL UTILITIES	JASON BYRD (815) 561-2040
WATER & SEWER	ROCHELLE MUNICIPAL UTILITIES	ADAM LANNING (815) 561-2065
TELEPHONE	FRONTIER COMMUNICATIONS	KALIN HINSHAW (815) 895-1515
GAS	NICOR GAS CO.	MIKE LANDRETH (630) 388-2362
FIBER OPTIC	SPRINT	JAMES BURTON (708) 955-6659
CABLE	COMCAST	MARTHA GIERAS (630) 536-2182

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)



ILLINOIS IOWA WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525

REVISIONS		DATE
REV. NO.	DESCRIPTION	DATE
1	PER IDOT COMMENTS	04/14/16

SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE:0028

No.	Code	Description	Quantity	Unit
1	20100500	TREE REMOVAL, ACRES	0.5	ACRE
2	21101615	TOPSOIL FURNISH AND PLACE, 4"	3336	SQ YD
3	25000210	SEEDING, CLASS 2A	0.75	ACRE
4	25000400	NITROGEN FERTILIZER NUTRIENT	70	POUND
5	25000500	PHOSPHORUS FERTILIZER NUTRIENT	70	POUND
6	25000600	POTASSIUM FERTILIZER NUTRIENT	70	POUND
7	25100115	MULCH, METHOD 2	0.75	ACRE
8	28000400	PERIMETER EROSION BARRIER	16,980	FOOT
9	28100707	STONE DUMPED RIPRAP, CLASS A4	147	SQ YD
10	35102000	AGGREGATE BASE COURSE, TYPE B 8"	13,125	SQ YD
11	40600275	BITUMINOUS MATERIALS (PRIME COAT)	21,270	POUND
12	40603415	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 FG N50	1599	TON
13	42300800	PORTLAND CEMENT CONC DRWY PVMT, 10 INCH	22	SQ YD
14	42400800	DETECTABLE WARNINGS	88	SQ FT
15	50200100	STRUCTURE EXCAVATION	24	CU YD
16	50300225	CONCRETE STRUCTURES	11.8	CU YD
17	50800105	REINFORCEMENT BARS	2210	POUND
18	51201400	FURNISHING STEEL PILES, HP10X42	104	FOOT
19	51202305	DRIVING PILES	104	FOOT
20	51203400	TEST PILE STEEL HP10X42	2	EACH
21	51204550	PILE SHOES	6	EACH
22	51500100	NAME PLATES	1	EACH
23	52200800	SEGMENTAL CONCRETE BLOCK WALL	2433	SQ FT
24	54213660	PREC REINF CONC FLARED END SECTION 15"	2	EACH
25	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	48	FOOT
26	67100100	MOBILIZATION	1	LSUM
27	72000100	SIGN PANEL, TYPE 1	50	SQ FT
28	72900200	METAL POST, TYPE B	313	FOOT
29	78000200	THERMOPLASTIC PAVEMENT MARKING, LINE - 4"	2642	FOOT
30	78000400	THERMOPLASTIC PAVEMENT MARKING, LINE - 6"	62	FOOT
31	X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	960	SQ FT
32	X2020410	EARTH EXCAVATION (SPECIAL)	3071	CU YD
33	X5091765	PIPE HANDRAIL, SPECIAL	442	FOOT
34	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	1	LSUM
35	XX004566	CONCRETE CUT-OFF WALL	2.8	CU YD
36	Z0004002	BOLLARDS	3	EACH
37	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	1	LSUM

Δ SPECIALTY ITEMS

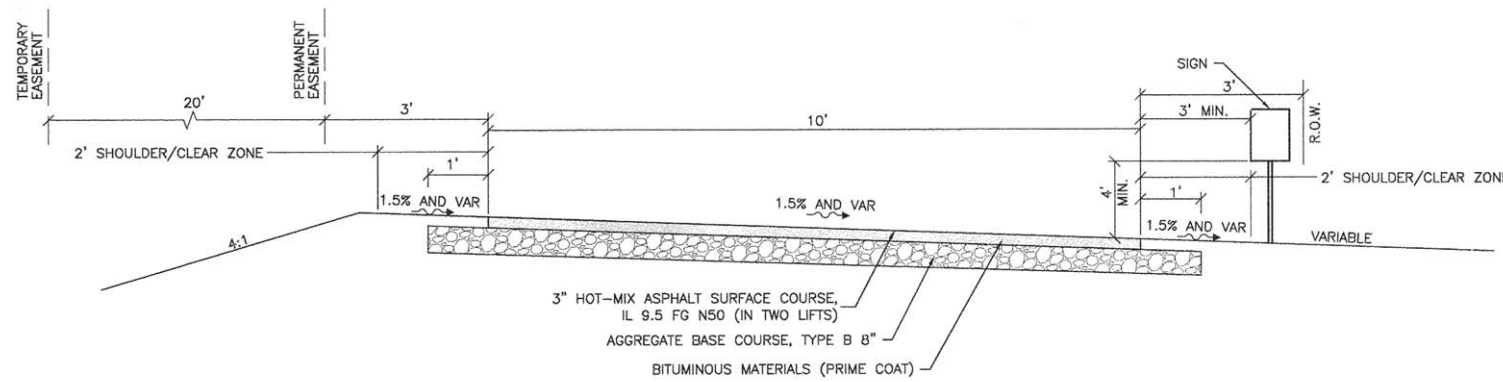
HMA CHART	
USAGE	SURFACE
AC	PG 64-22
VOIDS	3.0 @ N50
20 YR ESAL	
MIX	IL 9.5 FG
FRICTION AGG	C
MIX UNITS WEIGHT	

FLAGG-ROCHELLE COMMUNITY
PARK DISTRICT
SECTION 13-P4000-00-BT
PROJECT TE-00D2(153)

CONTRACT No. 85640

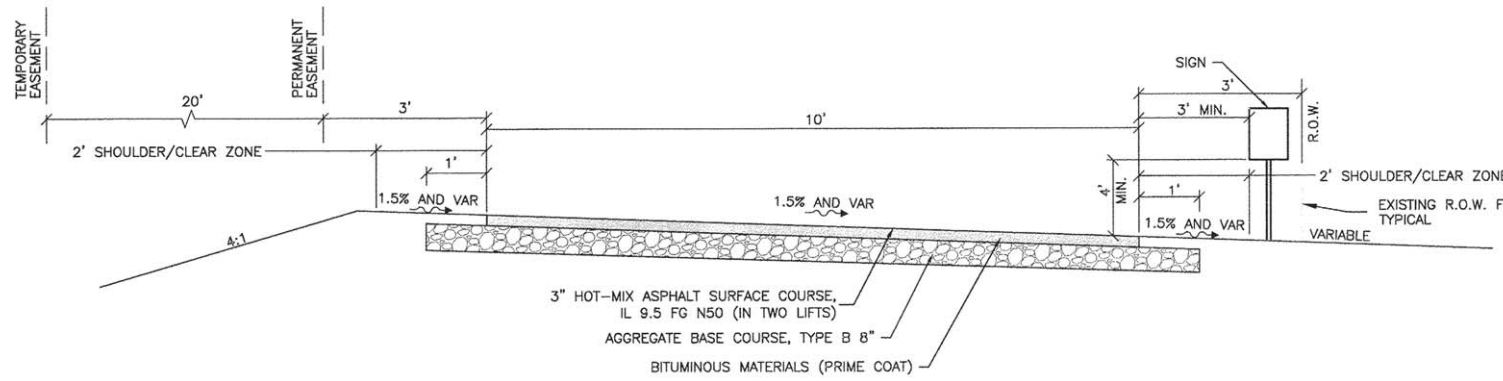
STATE STANDARDS

- 000001-06 STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 515001-03 NAME PLATE FOR BRIDGES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS OVER 45
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-05 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKER & DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATION OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS



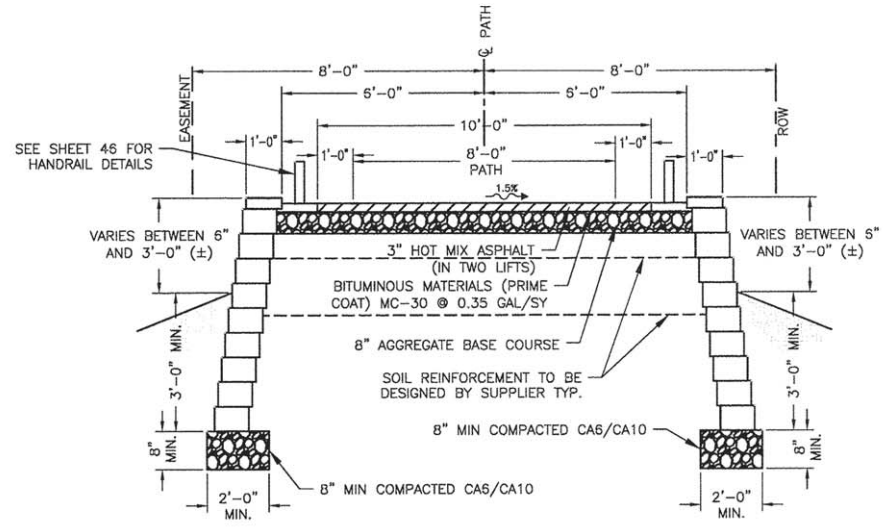
TYPICAL SECTION SHARED-USE PATH

SCALE: NTS
STA 300+78.78 TO STA 301+39.94
STA 302+34.05 TO STA 304+55.38
STA 347+50 TO STA 385+71.53



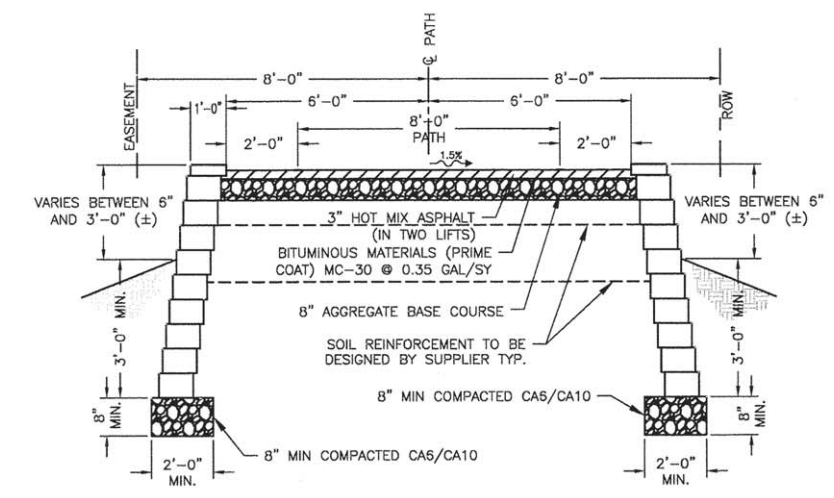
TYPICAL SECTION SHARED-USE PATH

SCALE: NTS
STA 301+39.94 TO STA 302+34.05
STA 304+55.38 TO STA 344+00



TYPICAL SECTION SEGMENTAL CONCRETE BLOCK WALL WITH RAIL

N.T.S.
(STATION 344+00 TO 345+08.20)
(STATION 346+04.70 TO 347+00)



TYPICAL SECTION SEGMENTAL CONCRETE BLOCK WALL

N.T.S.
(STATION 347+00 TO 347+50)

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
FLAGG-ROCHELLE COMMUNITY
PARK DISTRICT
735 N. 2ND STREET
ROCHELLE, IL 61068

PROJECT AND LOCATION:
ROCHELLE BIKE RACC II
SECTION 13-P4000-00-BT
PROJECT TE-00D2(153)
JOB C-92-004-14

DRAWN BY: YJ
APPROVED BY: SLO
DATE: 09/30/13
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
STANDARDS, SUMMARY OF QUANTITIES AND
TYPICAL SECTIONS

JOB NUMBER:
13-285
SHEET NUMBER:
2 of 54

GENERAL NOTES

IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "ENGINEER", WHICH SHALL MEAN FEHR GRAHAM OF ROCHELLE, ILLINOIS OR THEIR DULY AUTHORIZED AGENT. IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "OWNER", WHICH SHALL MEAN FLAGG-ROCHELLE COMMUNITY PARK DISTRICT (FRCPD).

IN THE FOLLOWING, THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE REFERRED TO AS IDOT.

GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE FOLLOWING RULES, REGULATIONS, AND CONDITIONS STATED WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), AS IT RELATES TO HIS OPERATIONS, REVISED AS OF JULY 1, 1987.

AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT THE QUANTITIES FOR PAY ITEMS, AS PRESENTED IN THESE PLAN DOCUMENTS, ARE SUBSTANTIALLY CORRECT. IF DISCREPANCIES ARE DETECTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE DISCREPANCY PRIOR TO THE BID DATE.

QUANTITIES SHOWN ARE ESTIMATES FOR INFORMATION ONLY. PAYMENT WILL BE BASED ON ACTUAL QUANTITIES MEASURED IN THE FIELD OR ON PAYMENT LIMIT DETAILS.

THE CONTRACTOR SHALL BE PAID FOR MATERIALS AND EQUIPMENT SUCCESSFULLY INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AS MEASURED OR VERIFIED IN PLACE BY THE ENGINEER OR HIS AGENT.

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPAL CODE, CITY OF ROCHELLE, ILLINOIS, CURRENT EDITION, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" PREPARED BY IDOT, CURRENT EDITION, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," CURRENT EDITION, AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.

IN CASE OF CONFLICT BETWEEN THE ABOVE MENTIONED SPECIFICATIONS, THE ENGINEER SHALL DETERMINE WHICH OF THE SPECIFICATIONS SHALL GOVERN. THE ENGINEER'S DECISION SHALL BE FINAL AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED UNLESS APPROVED BY THE ENGINEER.

THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE FRCPD. THE CONSTRUCTION DETAILS, AS PRESENTED ON THESE PLANS MUST BE FOLLOWED BY THE CONTRACTOR. IMPROVEMENT REPRESENTATIONS AS SHOWN ON THESE PLANS, ARE AS ACCURATE AS POSSIBLE FROM THE INFORMATION AVAILABLE. HOWEVER, SOME FIELD REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES - THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME ALLOWED TO PROPERLY CONSIDER AND ACT UPON SAID REQUESTS. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING THOSE IMPROVEMENTS AS DETAILED IN THIS ENGINEERING PLAN. EXTREME CAUTION MUST BE EXERCISED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES. CONTRACTORS ARE ADVISED THAT ALL MUD AND DEBRIS MUST BE CLEARED FROM ROADWAYS.

THE OWNER AND/OR ENGINEER SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE WORKMANSHIP AND/OR MATERIALS WHICH GO TO MAKE UP IMPROVEMENTS AS DETAILED IN THESE PLANS AND SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE FRCPD AND THE ENGINEER AT LEAST 48 HOURS PRIOR TO PERFORMING ANY OF THE REQUIRED TESTS OR MATERIAL PLACEMENT, SO THAT A REPRESENTATIVE MAY BE PRESENT DURING ANY TESTING PROCEDURE OR MATERIAL PLACEMENT.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTING THE REQUIREMENTS OF ANY AND ALL EASEMENTS SECURED FOR THE PURPOSE OF PERFORMING THIS PROJECT; THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE REQUIREMENTS INCLUDED IN SAID EASEMENTS, AND INCORPORATING ANY COST ASSOCIATED WITH EXECUTING THESE REQUIREMENTS IN HIS BID - EXTRAS WILL NOT BE AWARDED AS A RESULT OF THE CONTRACTOR CLAIMING IGNORANCE OF THIS REQUIREMENT.

ANY AREAS DAMAGED OR DESTROYED DURING THE PROJECT AS A DIRECT OR INDIRECT RESULT OF CONTRACTOR OPERATIONS, SHALL BE RESTORED TO THAT CONDITION OR BETTER WHICH EXISTED PRIOR TO STARTING CONSTRUCTION. THE COST OF SAID RESTORATION OR REPAIR SHALL BE BORNE TOTALLY BY THE CONTRACTOR, WITH NO EXTRA COMPENSATION BEING AWARDED UNDER THIS CONTRACT. THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, LANDSCAPING, ETC. DAMAGED OR DESTROYED BY THE CONTRACTOR DURING MOBILIZATION OR CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE ENGINEER OR 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 UTILITY STATING THAT THE REPAIR OR REPLACEMENT IS ACCEPTABLE.

LOCATION OF PROPERTY LINES IS APPROXIMATE.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

WHEN ARTIFICIAL LIGHTING IS UTILIZED DURING NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AS WELL AS ADJOINING RESIDENTIAL AREAS.

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE (36" X 22") PLANS AND NOT REDUCED SIZE PLANS.

SCALE: DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, SURFACE COURSE, TOP BACK OF CURB OR DITCHES, UNLESS OTHERWISE INDICATED.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.

ANY FRAMES AND GRATES, SIGNS, FENCES, RETAINING WALLS, AND DELINEATORS DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. THE TYPE OF REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES, AND FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.

THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING SIGNAGE IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS, AND CONSIDER THIS AS INCIDENTAL TO THE CONTRACT.

OUTSIDE THE EXISTING RIGHT-OF-WAY, THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING SIGNS OUTSIDE THE RIGHT-OF-WAY. ANY SIGNS REMOVED FOR CONSTRUCTION PURPOSES SHALL BE CAREFULLY REMOVED AND RE-ERECTED BY THE CONTRACTOR AT A LOCATION NEAREST TO THE ORIGINAL LOCATION, OR AT A LOCATION DETERMINED BY THE ENGINEER IN THE FIELD. REMOVAL AND RE-ERECTED SIGNS AND ANY DAMAGE DONE TO EXISTING SIGNS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.

ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE. MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

ALL TREES/BUSHES/SHRUBS WITHIN THE LIMITS OF PROPOSED GRADING SHALL BE REMOVED OR GROUND TO A MINIMUM OF 4 INCHES BELOW THE PROPOSED FINISHED GRADE OR 18 INCHES BELOW THE PROPOSED FINISHED GRADE IF WITHIN THE LIMITS OF THE TRAIL. ALL VEGETATION SHALL BE HAULED OFFSITE AT THE EXPENSE OF THE CONTRACTOR. ALL VEGETATION CLEARING AND HAUL AWAY SHALL BE CONSIDERED INCIDENTAL TO TREE REMOVAL.

TRAFFIC CONTROL AND PROTECTION

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR THE TRAFFIC AS DIRECTED BY THE ENGINEER. ANY DROP-OFF GREATER THAN 3 INCHES ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH BARRICADES, AND SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. ALL TRAFFIC CONTROL AND PROTECTION SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE. COST INCIDENTAL TO THE PROJECT.

THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL TRAFFIC CONTROL ITEMS NECESSARY FOR THE CONSTRUCTION OF ITEMS WITHIN THE ROAD RIGHT-OF-WAY. ALL WORK PERFORMED SHALL HAVE TRAFFIC CONTROL IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS" (LATEST EDITION).

TRAFFIC CONTROL DEVICES, STREET NAME SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH OGLE COUNTY AND THE CITY OF ROCHELLE STANDARDS AND SPECIFICATIONS AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

PROVIDE TO THE ENGINEER, AND THE FRCPD EXECUTIVE DIRECTOR THE NAME AND PHONE NUMBER OF INDIVIDUALS RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL MEASURES DURING CONSTRUCTION. THIS INDIVIDUAL SHALL BE AVAILABLE TO CORRECT TRAFFIC CONTROL PROBLEMS 24 HOURS PER DAY.

SEEDING OF DISTURBED AREA

DISTURBED AREAS ARE LOCATIONS WHERE THE CONTRACTOR'S OPERATIONS HAVE DAMAGED EXISTING GROUND COVER AND/OR TOPSOIL OUTSIDE OF THE PAY LIMITS OF THE PERMANENT SEEDING. SEEDING OF DISTURBED AREAS SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE FINAL TOP 4 INCHES OF SOIL IN ANY DISTURBANCE AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.

FERTILIZER HAVING AN ANALYSIS OF 10-10-10 SHALL BE APPLIED AT A RATE OF 90 LBS/ACRE TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SOWING THE SEED. THE COST OF FERTILIZER FOR DISTURBED AREAS SHALL BE CONSIDERED INCIDENTAL TO SEEDING OF DISTURBED AREAS.

THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS WITH SEEDING, CLASS 2A AND MULCH, METHOD 2 IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS OR AS APPROVED BY THE ENGINEER. MULCH FOR DISTURBED AREAS SHALL BE CONSIDERED INCIDENTAL TO SEEDING OF DISTURBED AREAS.

EXTREME CAUTION SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT SOIL EROSION DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ADEQUATE PROVISIONS FOR EROSION AND SEDIMENT CONTROL. EROSION CONTROL SYSTEMS SHALL BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITIES ON SITE. EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLAN DETAILS AND THE ILLINOIS STANDARDS FOR URBAN SOIL EROSION AND SEDIMENT CONTROL AND THE ILLINOIS URBAN MANUAL, LATEST EDITION.

FABRIC FILTER FENCES OR STRAW BALES SHALL BE PLACED AROUND ANY SOIL STOCK PILE WITH MORE THAN 10 CUBIC YARDS OF MATERIAL.

UTILITIES

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE DISPOSED OF OFF SITE AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO ARTICLE 202.03 OF THE IDOT STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR MUST VERIFY AND LOCATE ALL EXISTING UTILITIES ON OR ADJACENT TO THE SITE. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, CONTACT J.U.L.I.E. AT 1-800-892-0123 (OR 811) FOR EXACT FIELD LOCATION OF UTILITIES, DAMAGE, AND THE COST THEREOF, TO ANY AND ALL UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE. THE OWNER ENGINEER AND SURVEYOR ASSUME NO RESPONSIBILITY FOR THE LOCATION OF THE EXISTING UTILITIES SHOWN HEREON.

IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND REQUESTING SAID UTILITIES TO FIELD VERIFY AND MARK PERTINENT UTILITY LOCATIONS.

UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR IMPLIED. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES THAT MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITY COMPANIES REGARDING ADJUSTMENTS NECESSARY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND CONSIDERED INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND, OVERHEAD, OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR IS REQUIRED TO PROTECT THE VARIOUS BURIED UTILITIES THAT ARE CROSSED (I.E., WATER, SANITARY, STORM, GAS, TELEPHONE, ELECTRIC) DURING CONSTRUCTION. ANY DAMAGE THAT OCCURS TO THE VARIOUS BURIED UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

SHOULD EXISTING UTILITIES OR STRUCTURES INTERFERE WITH THE PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR RELOCATING THESE FACILITIES AT HIS EXPENSE TO ACCOMMODATE SAID NEW CONSTRUCTION; "SIGNOFF LETTER" WILL BE REQUIRED.

ANY DAMAGE, DIRECT OR INDIRECT, TO EXISTING AREA STRUCTURES, UTILITIES, PAVEMENTS, ETC. AND NOT CALLED OUT SPECIFICALLY IN THE PLANS SHALL BE REPAIRED OR REPLACED WITH EQUALS BY CONTRACTOR WITHOUT COST TO THE OWNER, "SIGNOFF LETTER" WILL BE REQUIRED.

ALL STORM SEWERS DAMAGED OR ENCOUNTERED DURING THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED, REPLACED AND/OR CONNECTED IMMEDIATELY BY THE CONTRACTOR. COST FOR SAID REPAIRS, REPLACEMENT, AND/OR CONNECTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IF A FIELD TILE SERVICES AN UPSTREAM OFF SITE PROPERTY, THE FIELD TILE MUST BE REPAIRED, REPLACED, AND/OR CONNECTED IMMEDIATELY BY CONTRACTOR. THE COST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ALL WATER MAIN AND SEWER METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" AND THE REQUIREMENTS AND SPECIFICATIONS OF THE CITY OF ROCHELLE.

MINIMUM HORIZONTAL CLEARANCE OF 10 FEET AND A MINIMUM VERTICAL SEPARATION OF 18 INCHES WITH THE WATER MAIN ABOVE MUST BE MAINTAINED AT ALL TIMES BETWEEN WATER MAINS AND STORM SEWERS. IF THE MINIMUM VERTICAL OR HORIZONTAL CLEARANCE CANNOT BE PROVIDED, THE SEPARATION REQUIREMENTS SHALL BE MET AS SPECIFIED IN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" (LATEST EDITION).

SHEETING AND SHORING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

THE EXISTING EXCAVATED MATERIAL MAY BE USED AS BACKFILL TO WITHIN 2' OF ALL EXISTING AND PROPOSED ROADWAYS, SIDEWALKS, OR DRIVES. USE CA-6 BACKFILL COMPACTED IN 12" LIFTS. COST OF TRENCH BACKFILL SHALL BE INCIDENTAL TO THE PROJECT.

CONTRACTOR SHALL FURNISH ALL PIPE BEDDING. PIPE BEDDING MATERIAL SHALL BE AS PER SECTION 20-2.20, 2.21 OF THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION. COST SHALL BE INCLUDED IN UNIT PRICE OF PIPE.

EXCAVATION/EARTHWORK

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.

WHENEVER THE CONTRACTOR WORKS NEAR EXISTING FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DIG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE EXCAVATED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PRIOR TO STARTING UTILITY TRENCHING, THE CONTRACTOR SHALL STRIP THE TRENCH LOCATION OF TOPSOIL. THIS MATERIAL SHALL BE STOCKPILED. THEN IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESPREAD THIS TOPSOIL MATERIAL OVER THE EXCAVATED TRENCH. THE MATERIAL SHALL THEN BE COMPACTED TO A MINIMAL DEPTH OF 4" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER. TOPSOIL STRIP STOCKPILE, AND RESPREAD SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE. COST SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

ALL EXCAVATIONS FOR STRUCTURES AND PIPE SHALL BE KEPT DEWATERED DURING CONSTRUCTION UNTIL BACKFILL IS IN PLACE. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. (COST INCIDENTAL)

DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUIRED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.

THE CONTRACTOR IS RESPONSIBLE FOR THE ASSESSMENT AND PROPER DISPOSAL OF ALL CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) REQUIREMENTS EXCESS SOIL AND SUBSURFACE MATERIALS THAT ARE NOT ABLE TO BE REUSED ON THE PROJECT SITE AS SUITABLE CLEAN FILL. CONTRACTOR RESPONSIBILITY'S SHALL INCLUDE ALL REQUIRED SOIL SAMPLING, LABORATORY ANALYSIS, DISPOSAL PROFILING FEES, TRANSPORTATION, AND DISPOSAL TIPPING FEES AND SURCHARGES.

STRUCTURE

CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION LAYOUT FOR THE STRUCTURAL PORTION OF THE WORK AND THIS WORK SHALL BE INCIDENTAL TO THE PROJECT.

THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK, HOWEVER THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

COST FOR EXCAVATION, SUPPLYING AND INSTALLING SELECT FILL, LEVELING PAD, AND SOIL REINFORCEMENT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS IS INCLUDED IN THE COST OF SEGMENTAL CONCRETE BLOCK WALL AND WILL NOT BE PAID FOR SEPARATELY.

CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL REBAR, PREFABRICATED TRUSS SUPERSTRUCTURE AND SEGMENTAL CONCRETE BLOCK WALL.



ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

FLAGG-ROCHELLE COMMUNITY
PARK DISTRICT
735 N. 2ND STREET
ROCHELLE, IL 61068

PROJECT AND LOCATION:

ROCHELLE BIKE RACC II
SECTION 13-P4000-00-BT
PROJECT TE-00D2(153)
JOB C-92-004-14

DRAWN BY: YJ
APPROVED BY: SLO
DATE: 09/30/13
SCALE: NTS

REVISIONS		
REV. NO.	DESCRIPTION	DATE

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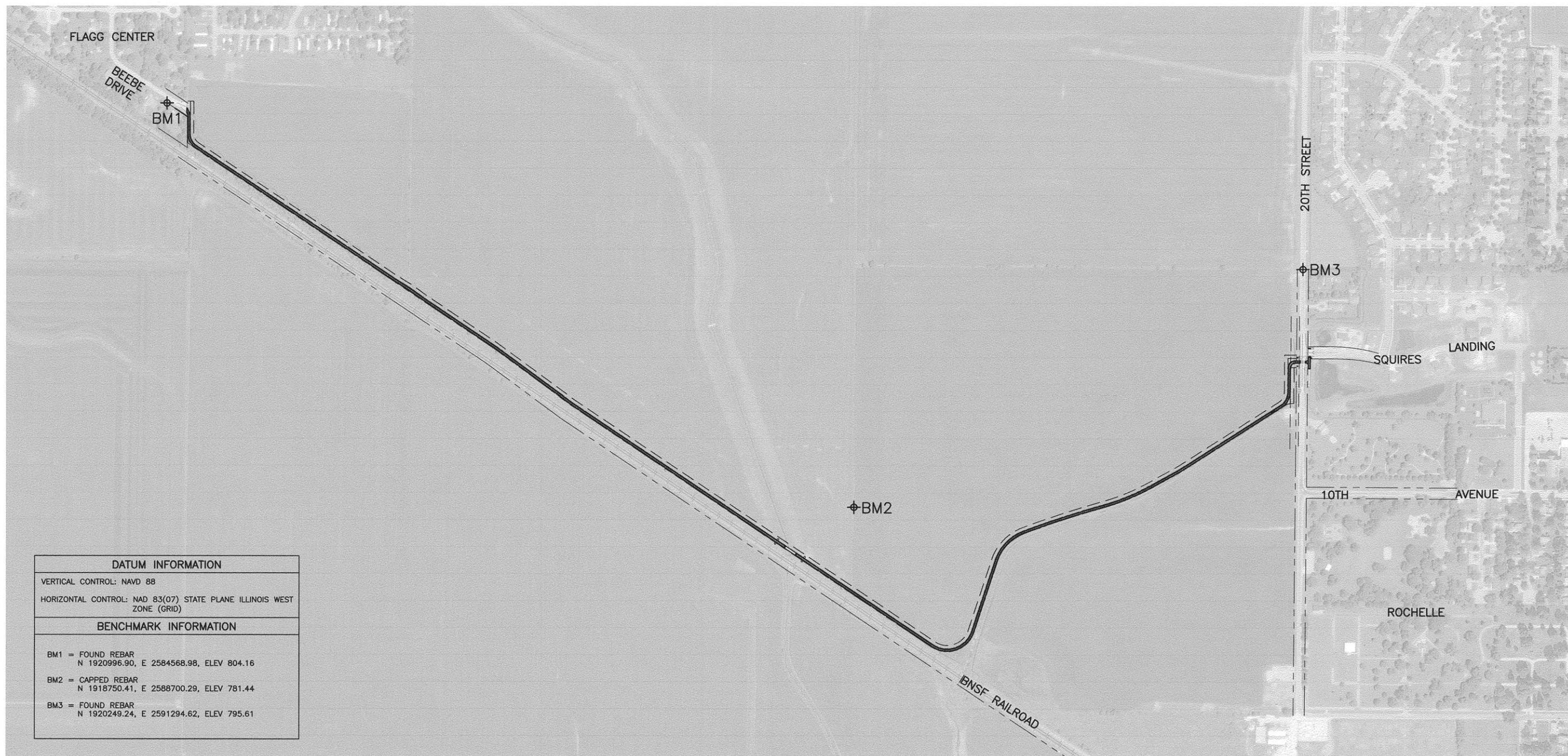
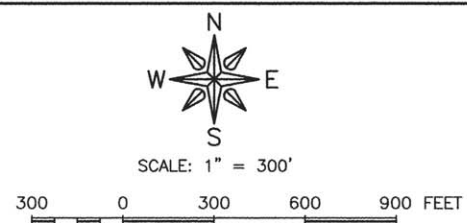
GENERAL NOTES

JOB NUMBER:

13-285

SHEET NUMBER:

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DATUM INFORMATION	
VERTICAL CONTROL:	NAVD 88
HORIZONTAL CONTROL:	NAD 83(07) STATE PLANE ILLINOIS WEST ZONE (GRID)
BENCHMARK INFORMATION	
BM1 = FOUND REBAR	N 1920996.90, E 2584568.98, ELEV 804.16
BM2 = CAPPED REBAR	N 1918750.41, E 2588700.29, ELEV 781.44
BM3 = FOUND REBAR	N 1920249.24, E 2591294.62, ELEV 795.61

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ILLINOIS DESIGN FIRM NO. 184-003525

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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

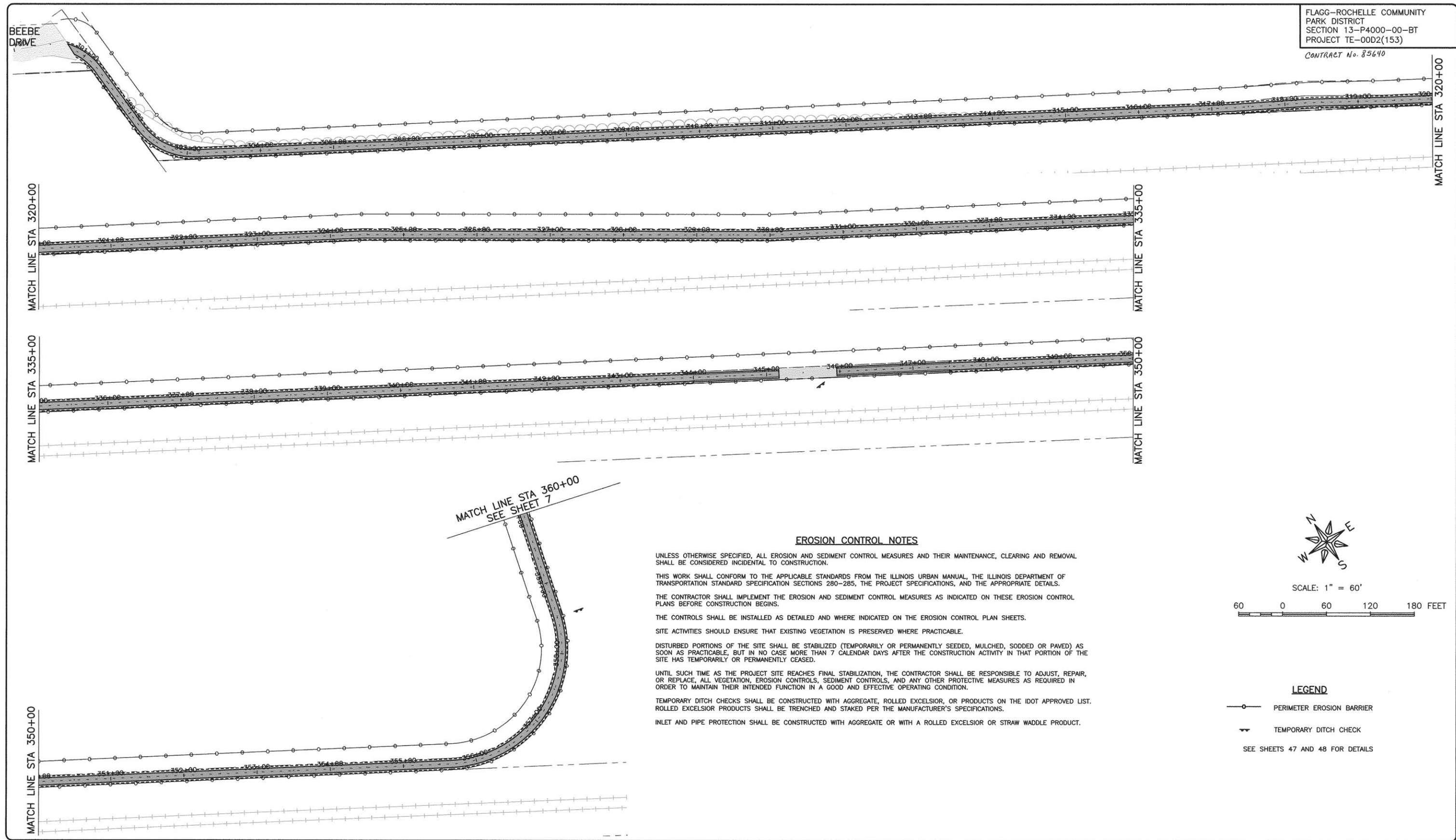
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 SCALE: AS NOTED

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REV. NO.	DESCRIPTION	DATE

DRAWING:
 OVERALL SITE PLAN AND BENCHMARK
 INFORMATION

JOB NUMBER:
 13-285

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EROSION CONTROL NOTES

UNLESS OTHERWISE SPECIFIED, ALL EROSION AND SEDIMENT CONTROL MEASURES AND THEIR MAINTENANCE, CLEARING AND REMOVAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTIONS 280-285, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.

THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THESE EROSION CONTROL PLANS BEFORE CONSTRUCTION BEGINS.

THE CONTROLS SHALL BE INSTALLED AS DETAILED AND WHERE INDICATED ON THE EROSION CONTROL PLAN SHEETS.

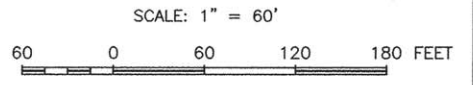
SITE ACTIVITIES SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICABLE.

DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED (TEMPORARILY OR PERMANENTLY SEEDED, MULCHED, SODDED OR PAVED) AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

UNTIL SUCH TIME AS THE PROJECT SITE REACHES FINAL STABILIZATION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST, REPAIR, OR REPLACE, ALL VEGETATION, EROSION CONTROLS, SEDIMENT CONTROLS, AND ANY OTHER PROTECTIVE MEASURES AS REQUIRED IN ORDER TO MAINTAIN THEIR INTENDED FUNCTION IN A GOOD AND EFFECTIVE OPERATING CONDITION.

TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED WITH AGGREGATE, ROLLED EXCELSIOR, OR PRODUCTS ON THE IDOT APPROVED LIST. ROLLED EXCELSIOR PRODUCTS SHALL BE TRENCHED AND STAKED PER THE MANUFACTURER'S SPECIFICATIONS.

INLET AND PIPE PROTECTION SHALL BE CONSTRUCTED WITH AGGREGATE OR WITH A ROLLED EXCELSIOR OR STRAW WADDLE PRODUCT.



LEGEND

- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
- SEE SHEETS 47 AND 48 FOR DETAILS

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 ENGINEERING & ENVIRONMENTAL
 ILLINOIS DESIGN FIRM NO. 184-003525

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OWNER/DEVELOPER:
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

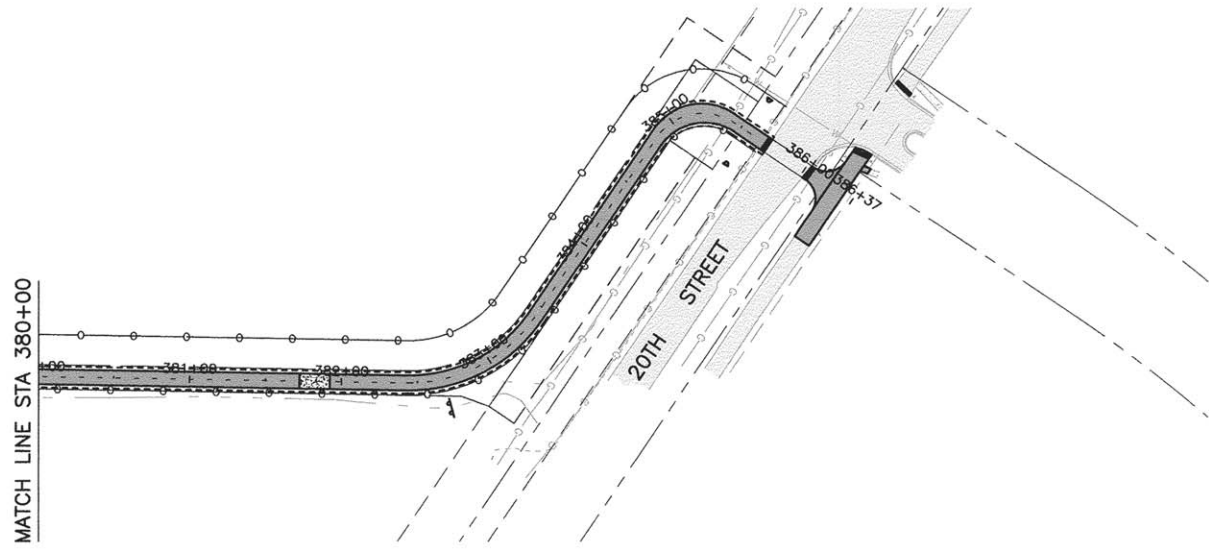
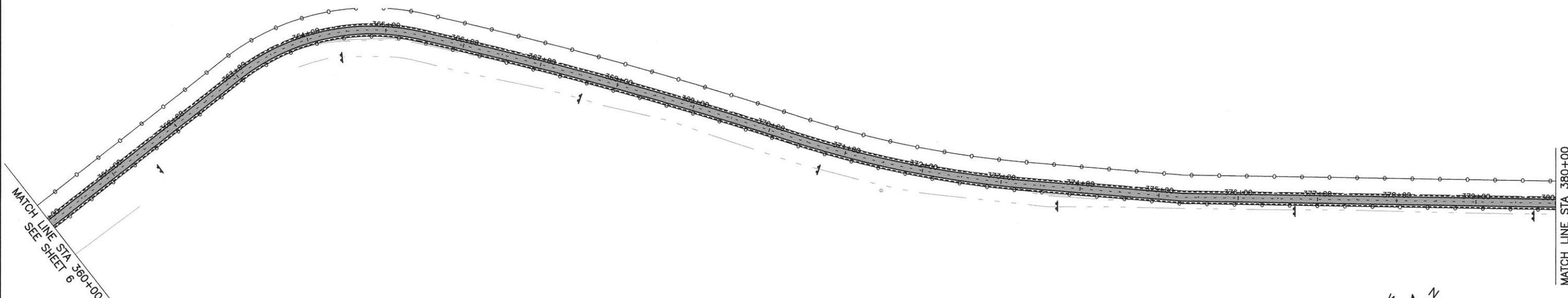
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 DATE: 09/30/13
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 EROSION CONTROL

JOB NUMBER:
 13-285
 SHEET NUMBER:
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FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 CONTRACT No. 85640



SCALE: 1" = 60'
 60 0 60 120 180 FEET

LEGEND

- PERIMETER EROSION BARRIER
 - V— TEMPORARY DITCH CHECK
- SEE SHEETS 47 AND 48 FOR DETAILS

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 ROCHELLE, IL 61068

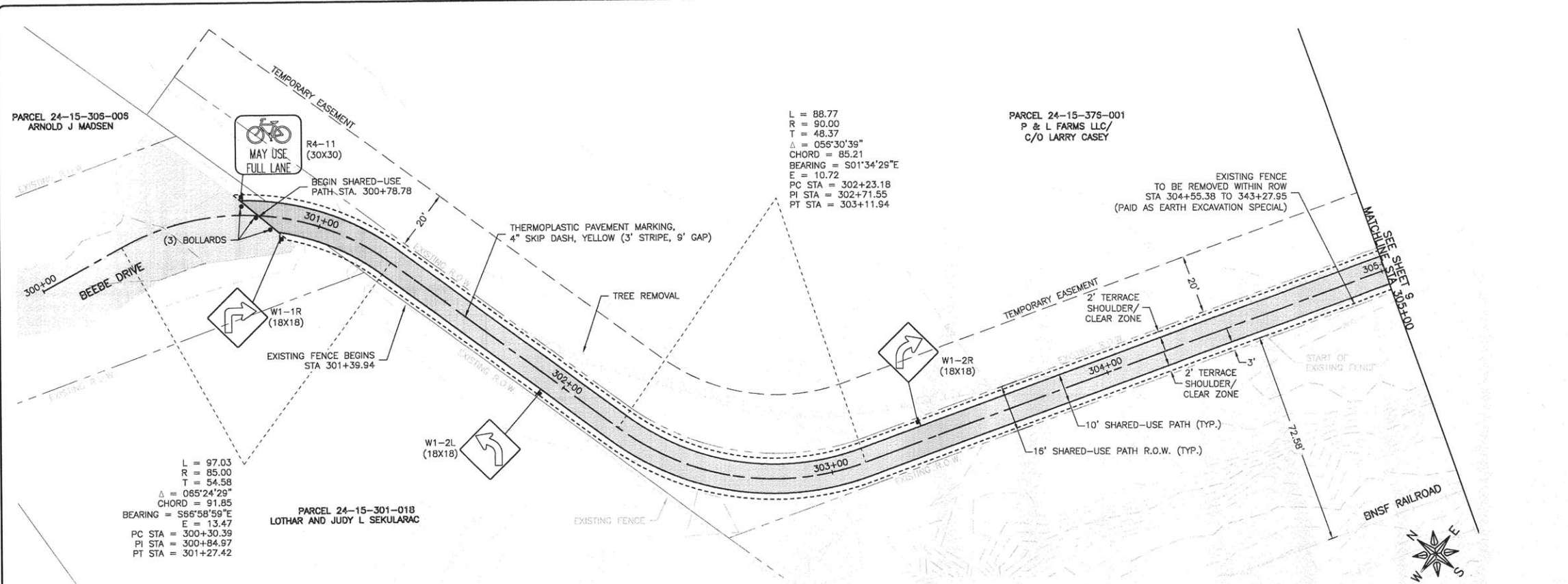
PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

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 DATE: 09/30/13
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

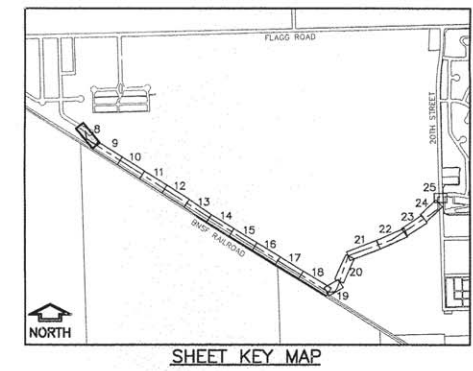
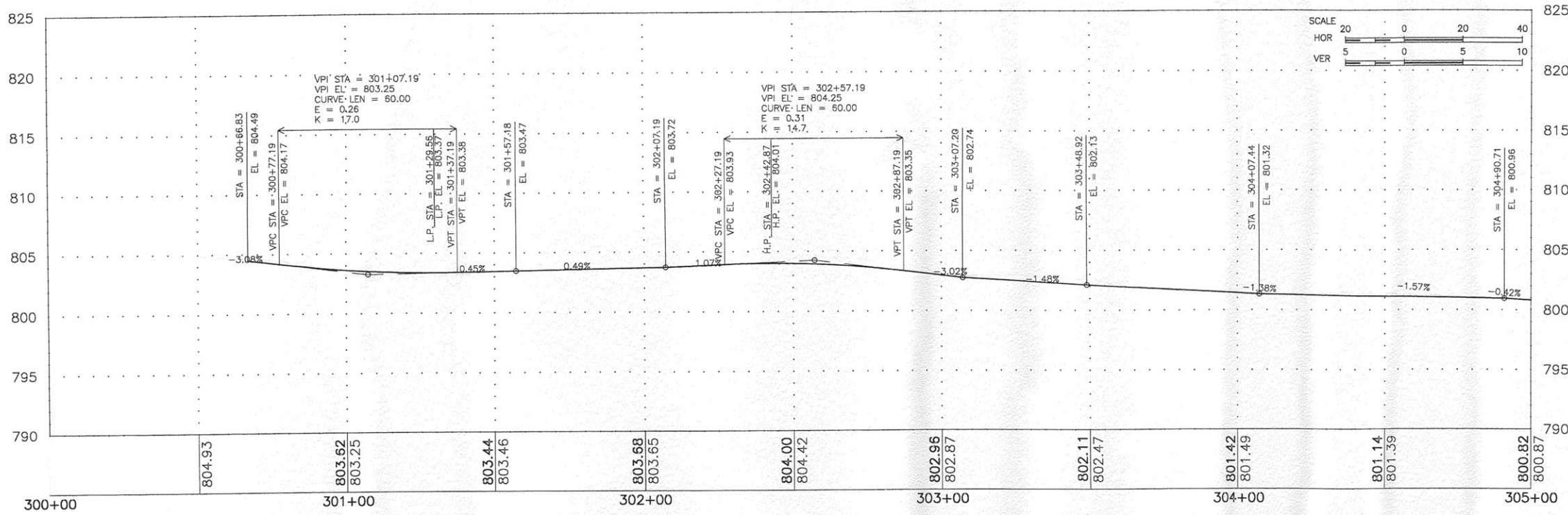
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EROSION CONTROL

JOB NUMBER:
 13-285
 SHEET NUMBER:
 7 of 54



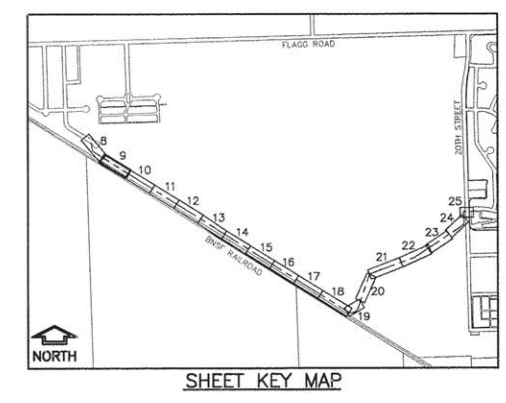
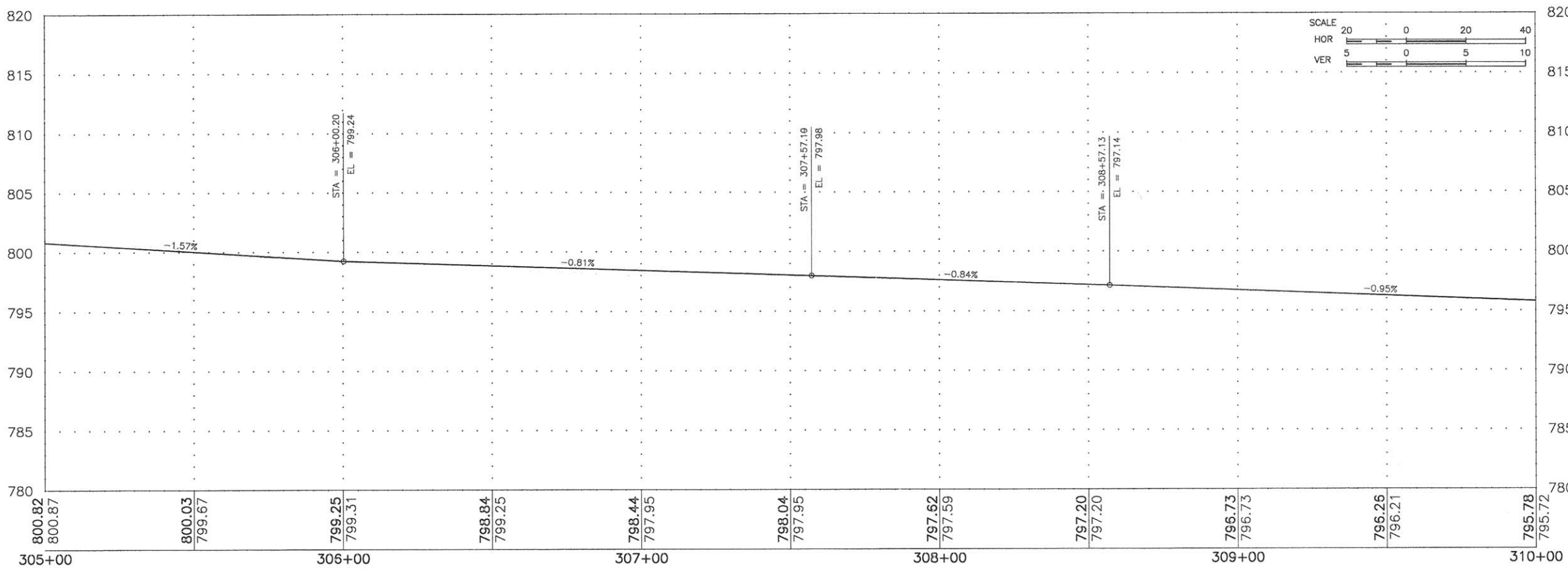
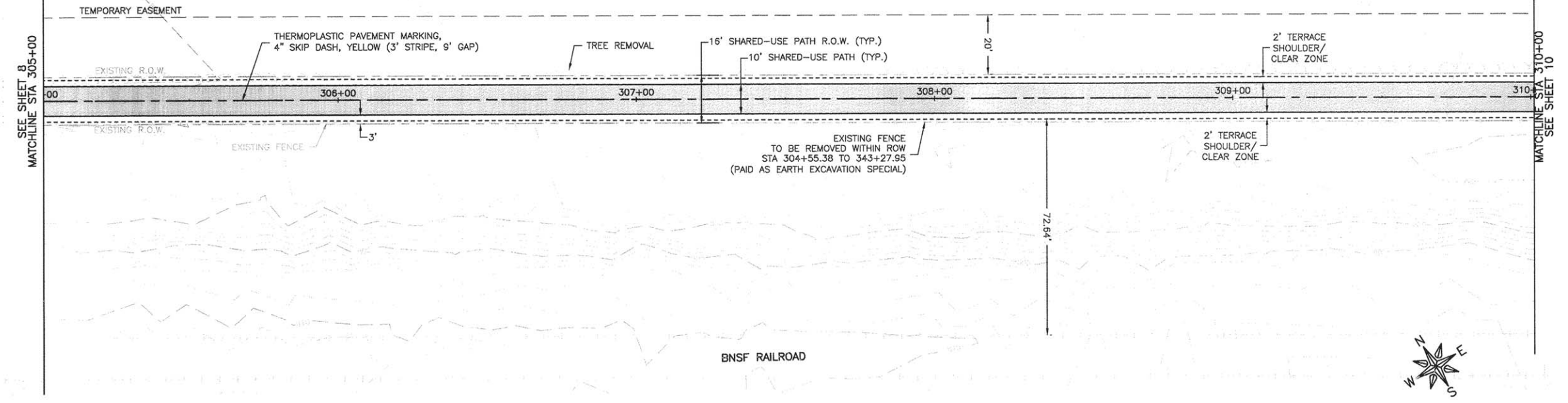
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 R = 90.00
 T = 48.37
 $\Delta = 056^{\circ}30'39''$
 CHORD = 85.21
 BEARING = $S01^{\circ}34'29''E$
 E = 10.72
 PC STA = 302+23.18
 PI STA = 302+71.55
 PT STA = 303+11.94

L = 97.03
 R = 85.00
 T = 54.58
 $\Delta = 065^{\circ}24'29''$
 CHORD = 91.85
 BEARING = $S65^{\circ}58'59''E$
 E = 13.47
 PC STA = 300+30.39
 PI STA = 300+84.97
 PT STA = 301+27.42



FEHR GRAHAM ENGINEERING & ENVIRONMENTAL <small>ILLINOIS DESIGN FIRM NO. 184-003525</small>	ILLINOIS	<small>OWNER/DEVELOPER:</small> FLAGG-ROCHELLE COMMUNITY PARK DISTRICT 735 N. 2ND STREET ROCHELLE, IL 61068	<small>PROJECT AND LOCATION:</small> ROCHELLE BIKE RACC II SECTION 13-P4000-00-BT PROJECT TE-0002(153) JOB C-92-004-14	<small>DRAWN BY:</small> YJ <small>APPROVED BY:</small> SLO <small>DATE:</small> 09/30/13 <small>SCALE:</small> 1"=20'	<small>REV. NO.</small> <small>DESCRIPTION</small> <small>DATE</small>	<small>DRAWING:</small> PLAN AND PROFILE STA 300+00 TO 305+00	<small>JOB NUMBER:</small> 13-285
	IOWA				<small>REVISIONS</small>		<small>SHEET NUMBER:</small> 8 of 54
WISCONSIN	<small>© 2013 FEHR GRAHAM</small>						<small>© 2013/13-285/13-285 - Design.dwg, STA00</small>

PARCEL 24-15-376-001
 P & L FARMS LLC/
 C/O LARRY CASEY



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PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

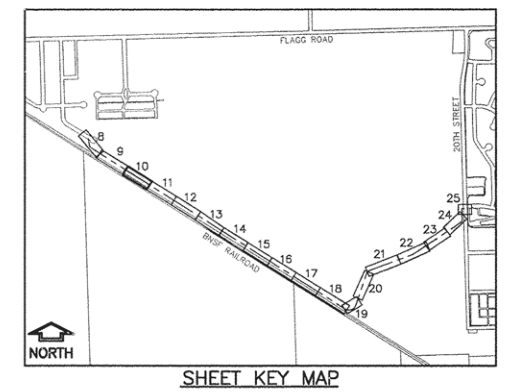
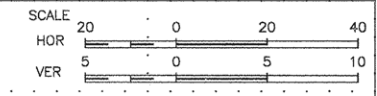
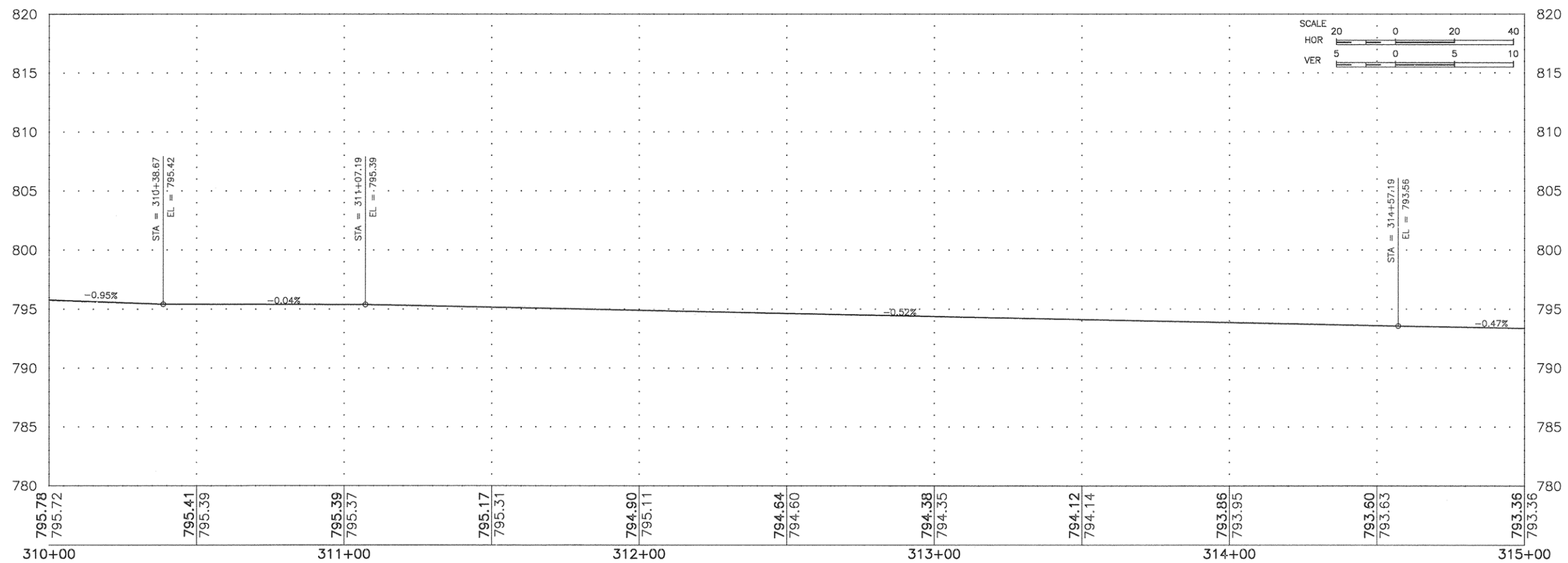
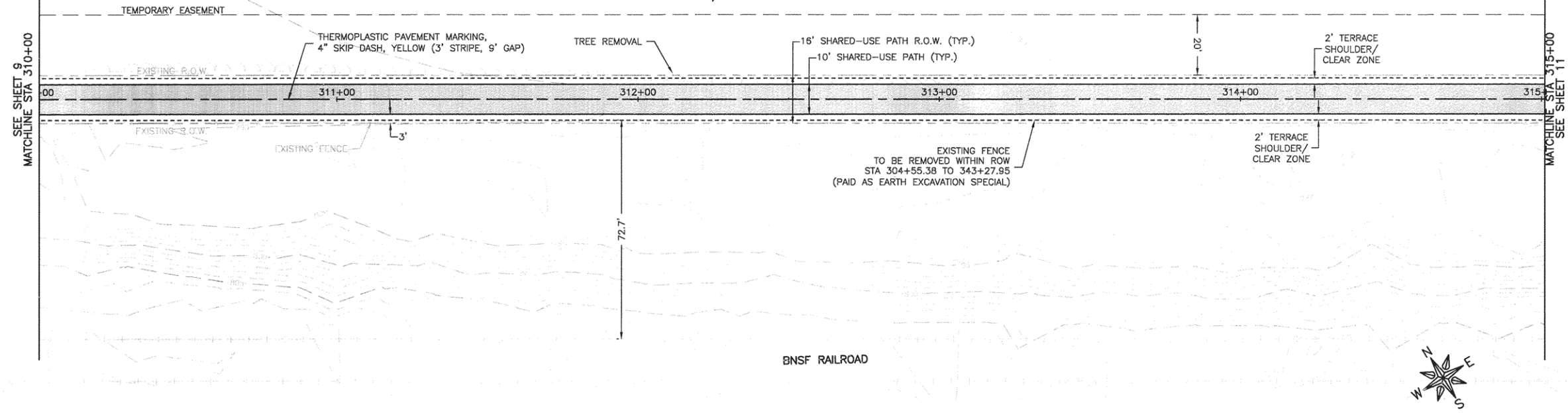
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 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 305+00 TO 310+00

JOB NUMBER:
 13-285
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PARCEL 24-15-376-001
 P & L FARMS LLC/
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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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OWNER/DEVELOPER:
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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61058

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

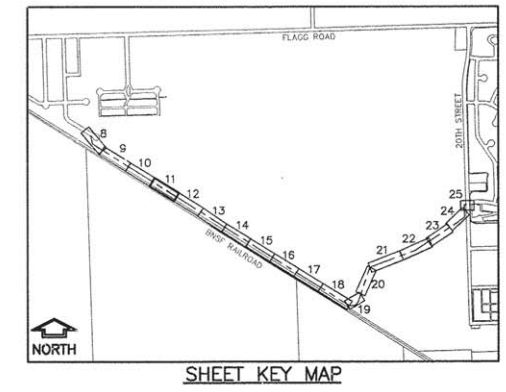
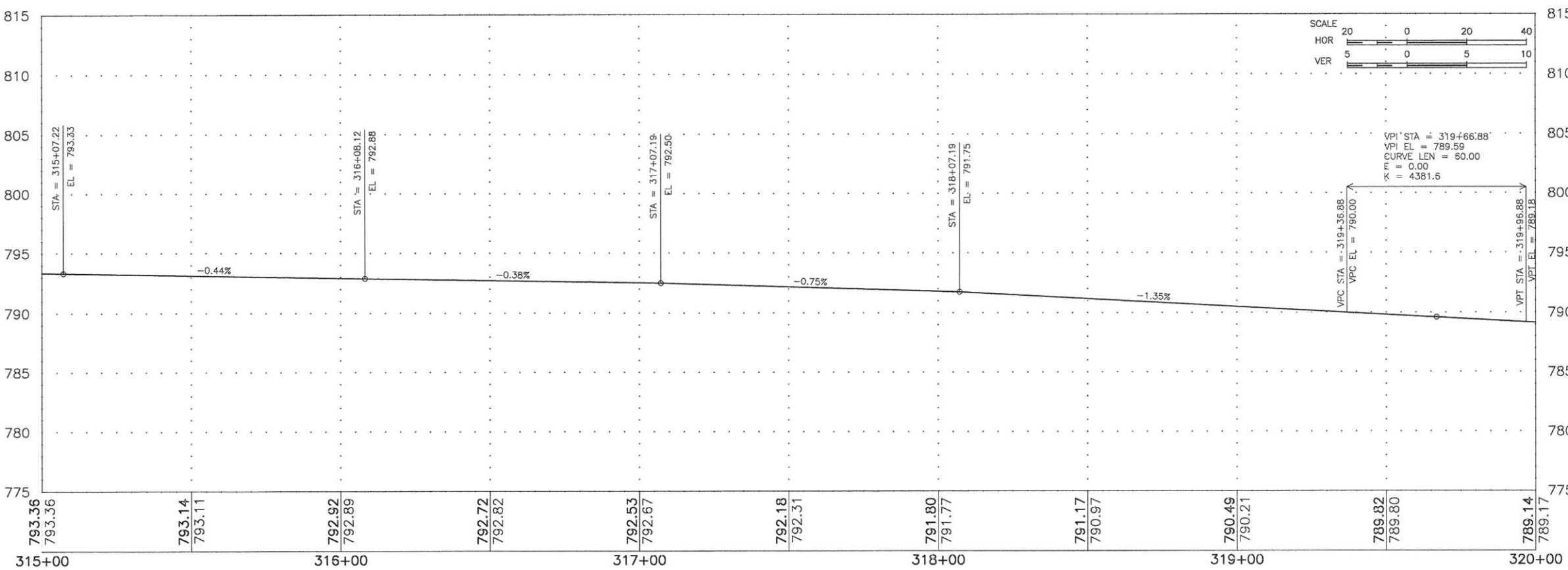
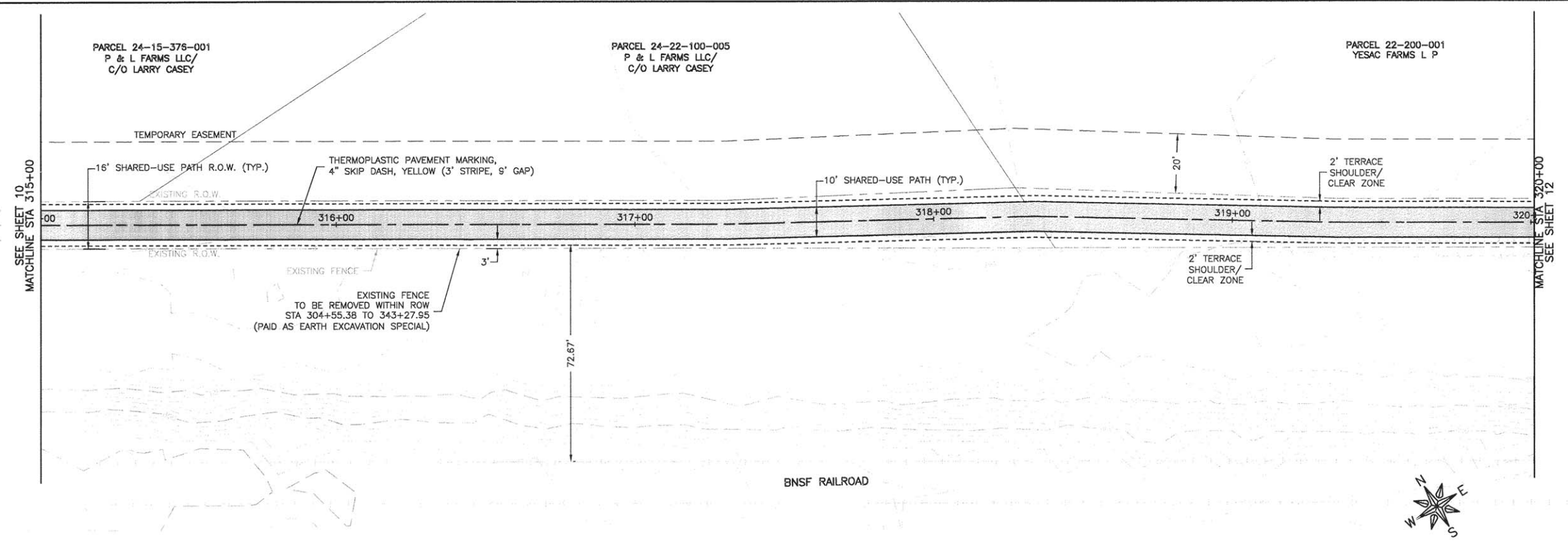
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 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 310+00 TO 315+00

JOB NUMBER:
 13-285

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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

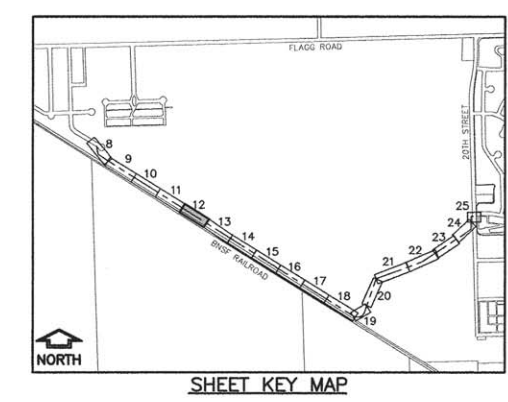
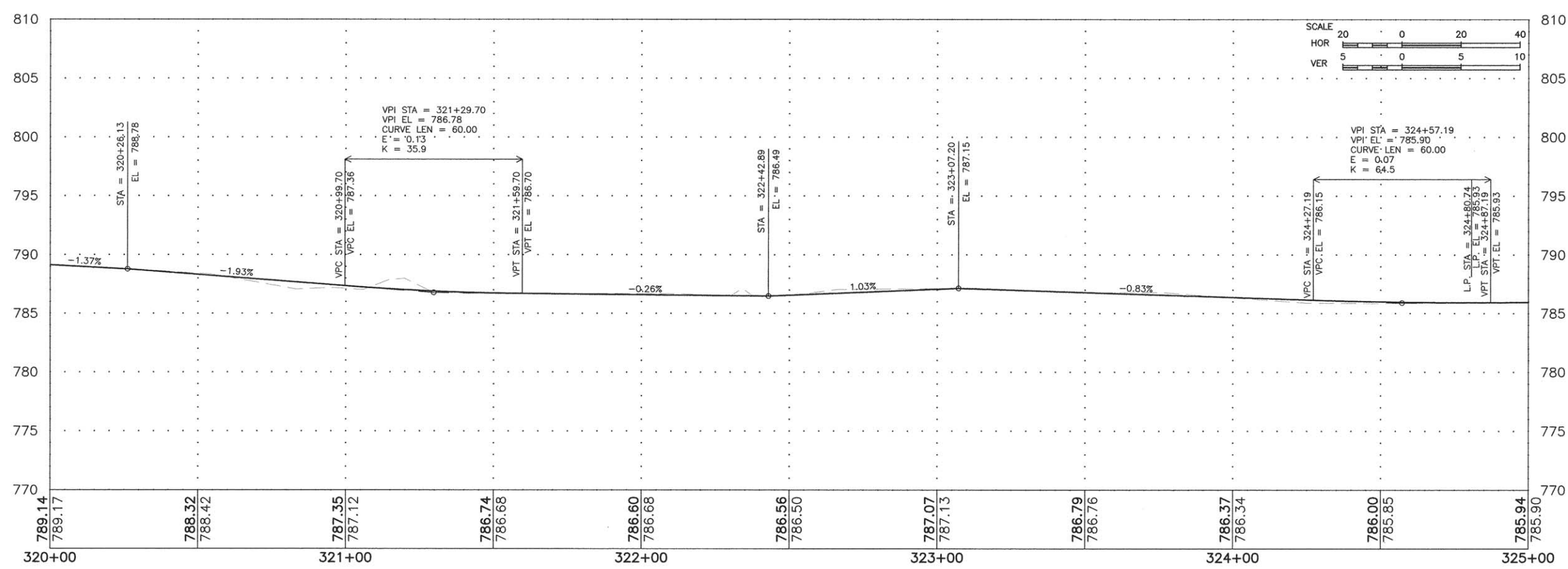
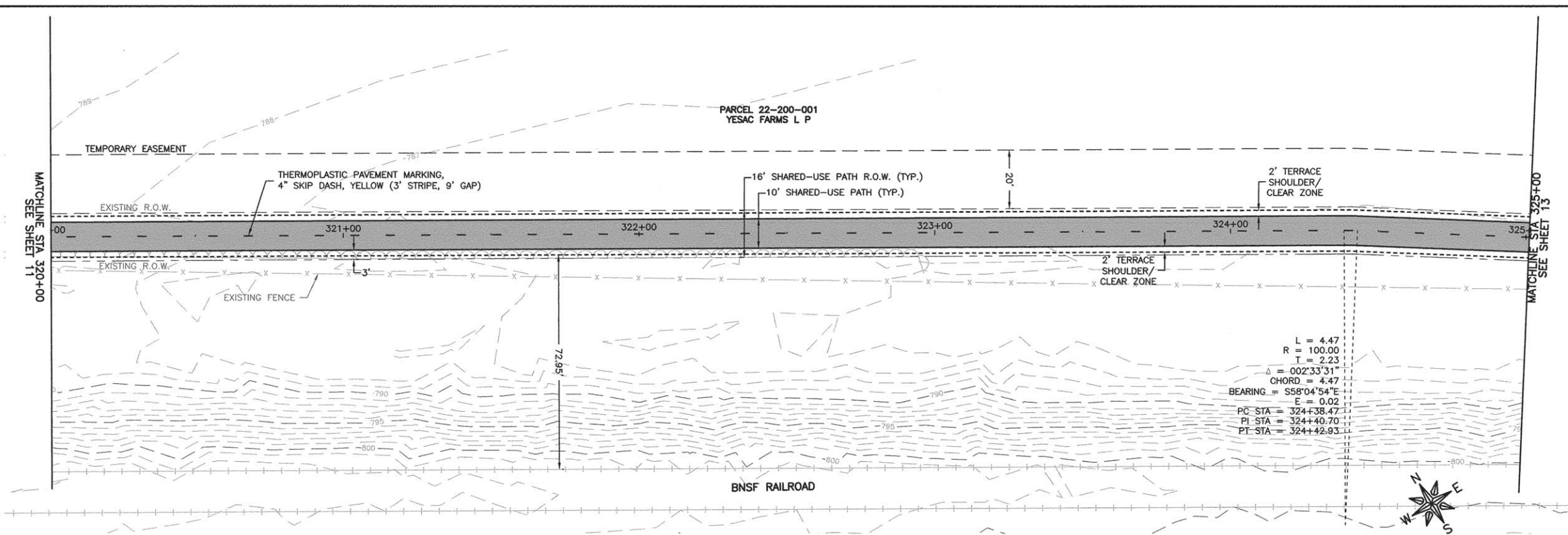
PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 315+00 TO 320+00

JOB NUMBER:
 13-285
 SHEET NUMBER:
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 PLOT DATE: 4/19/16 © 2013 FEHR GRAHAM

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PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

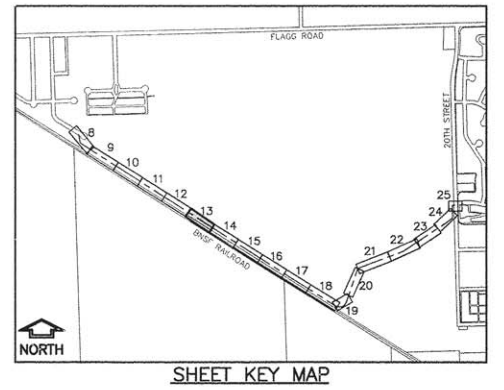
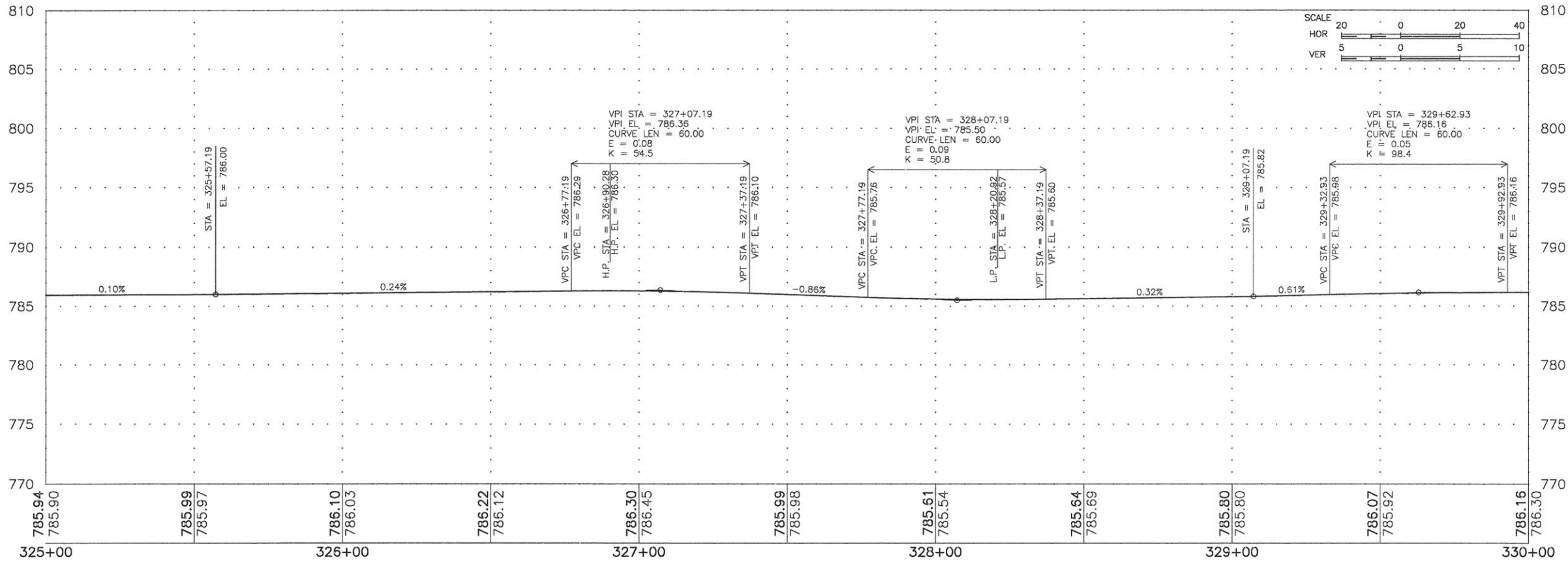
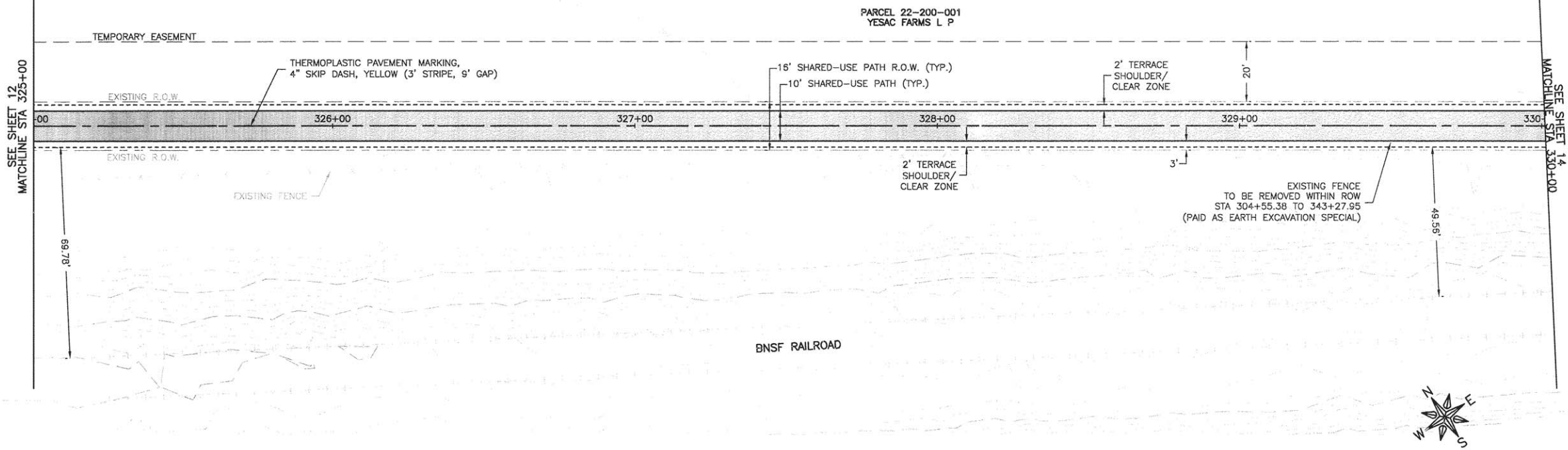
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 320+00 TO 325+00

JOB NUMBER:
 13-285

SHEET NUMBER:
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FEHR GRAHAM
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OWNER/DEVELOPER:
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

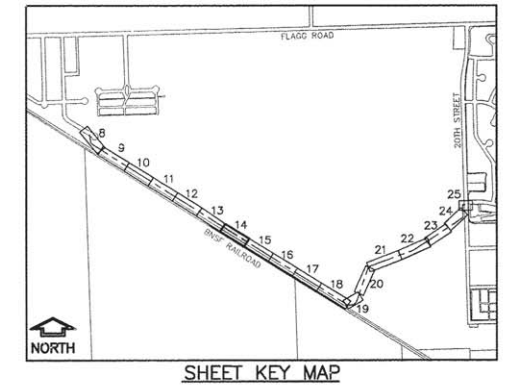
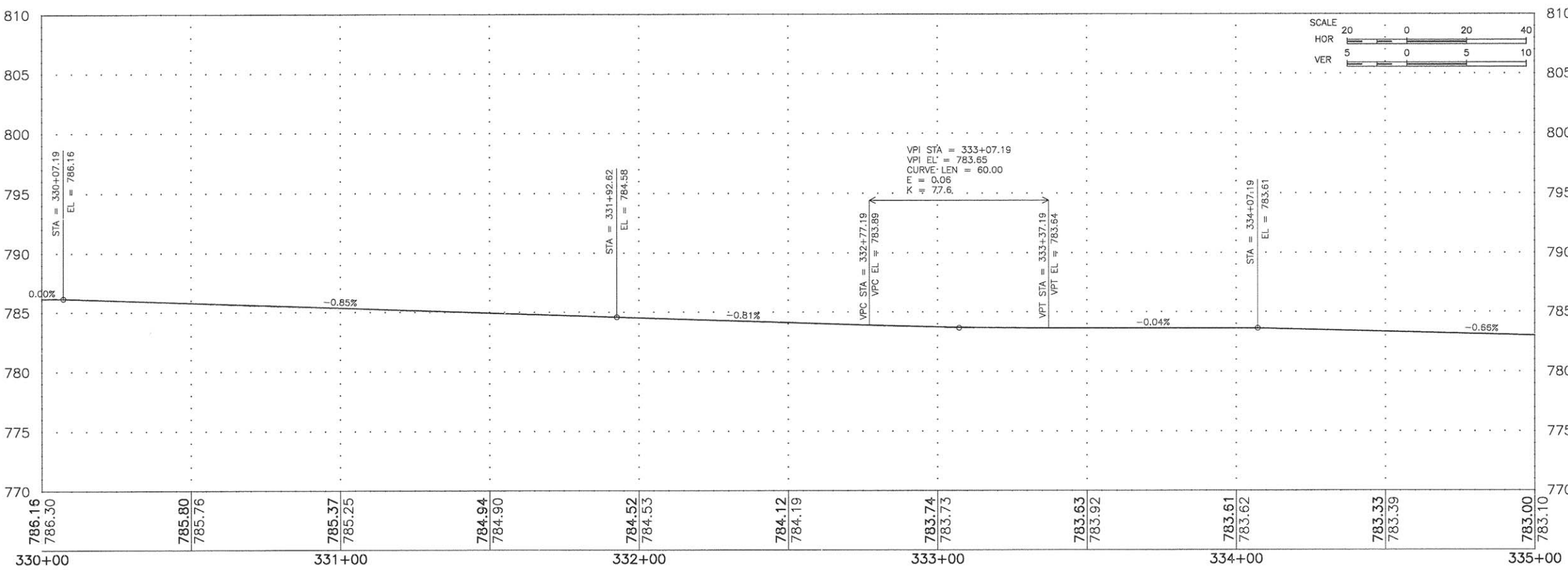
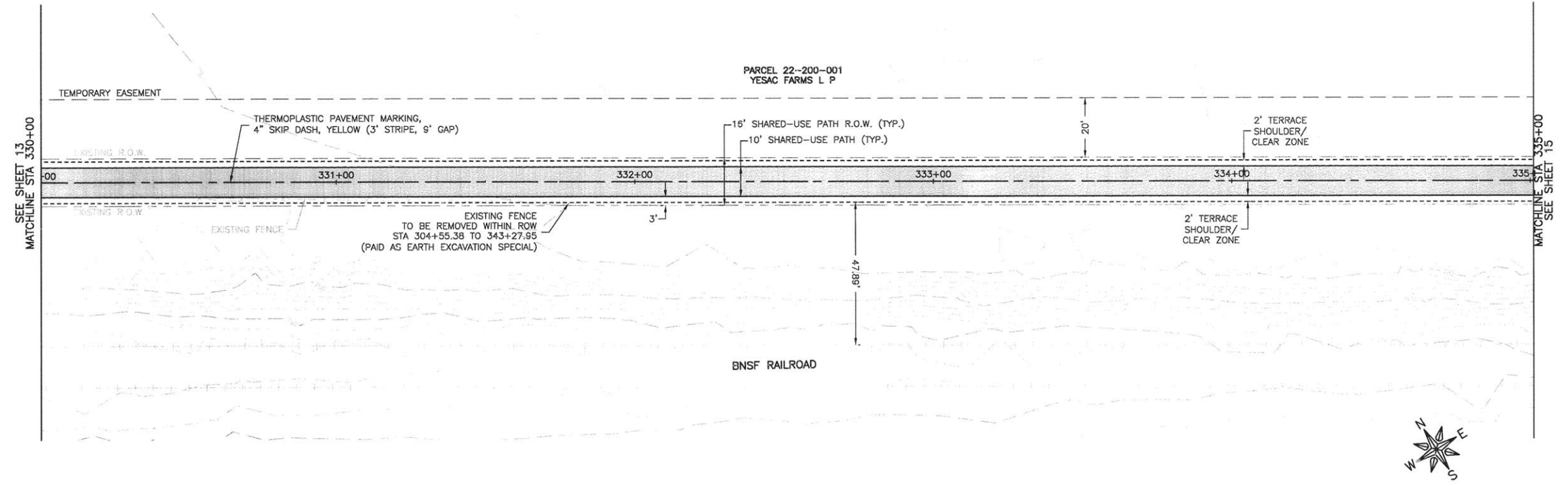
DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 325+00 TO 330+00

JOB NUMBER:
 13-285

SHEET NUMBER:
 13 of 54



FEHR GRAHAM
 ENGINEERING & ENVIRONMENTAL
 ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
 IOWA
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OWNER/DEVELOPER:
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

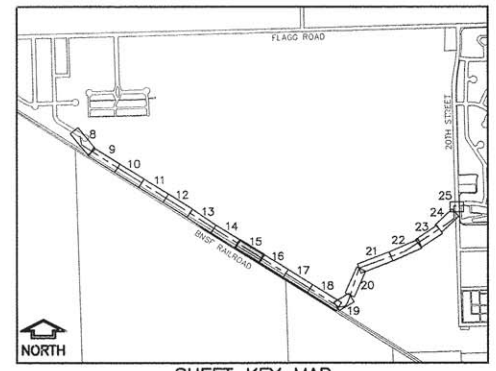
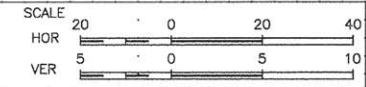
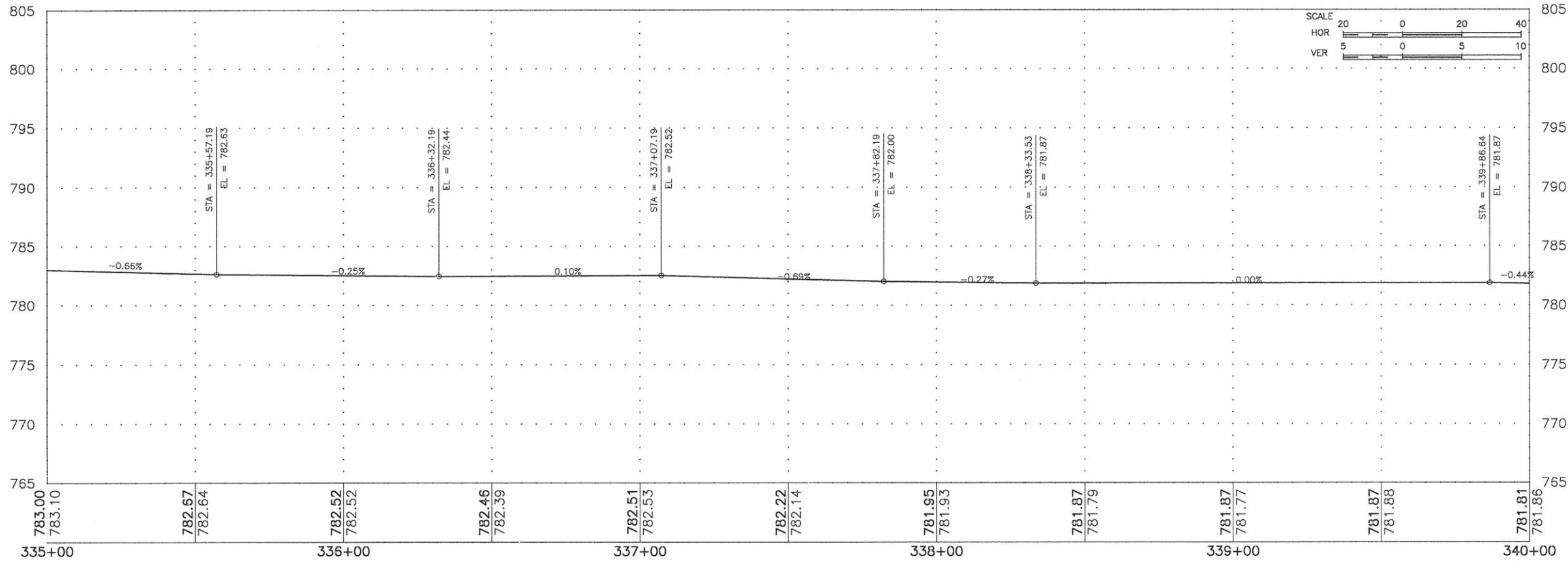
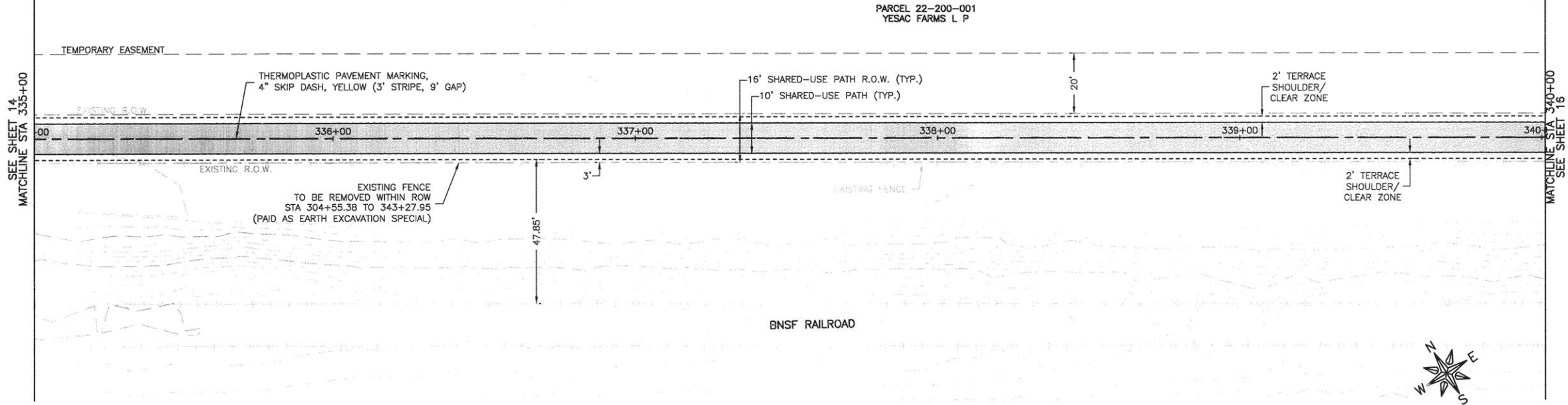
PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 330+00 TO 335+00

JOB NUMBER:
 13-285
 SHEET NUMBER:
 14 of 54



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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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OWNER/DEVELOPER:
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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61058

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

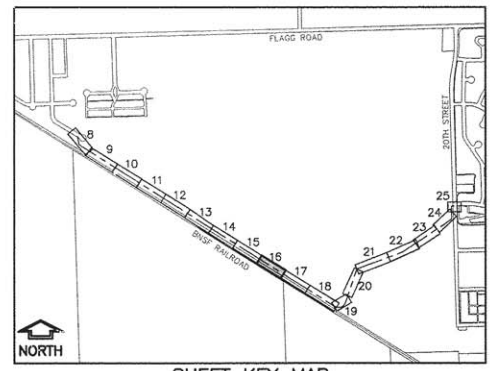
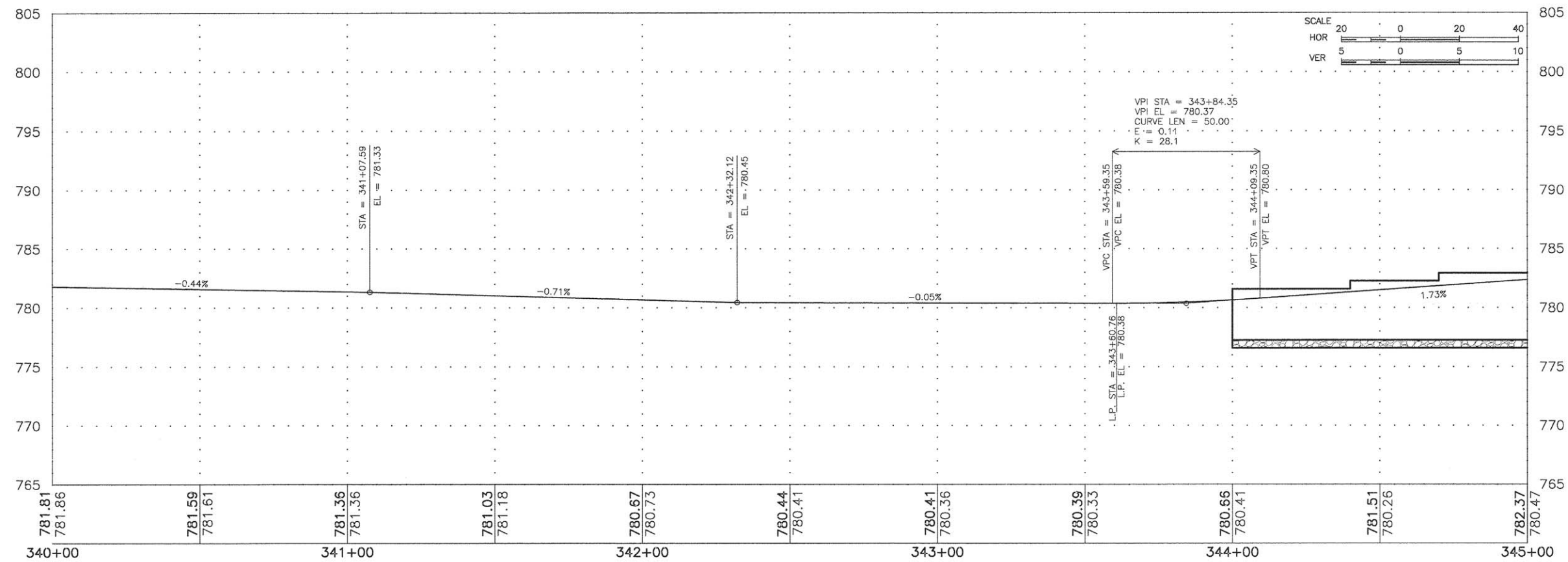
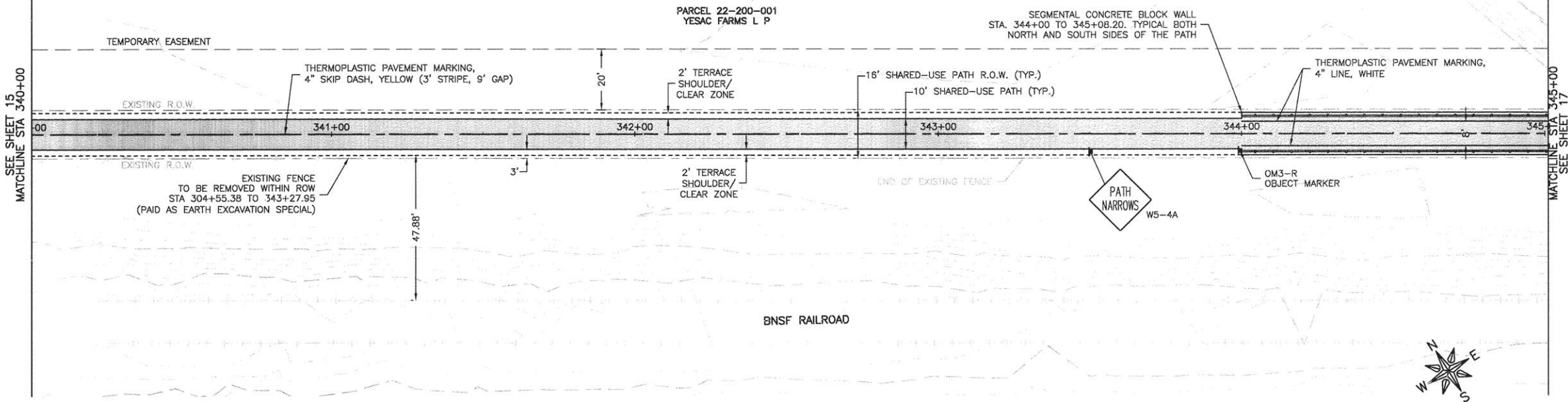
DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 335+00 TO 340+00

JOB NUMBER:
 13-285

SHEET NUMBER:
 15 of 54



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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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 WISCONSIN

OWNER/DEVELOPER:
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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

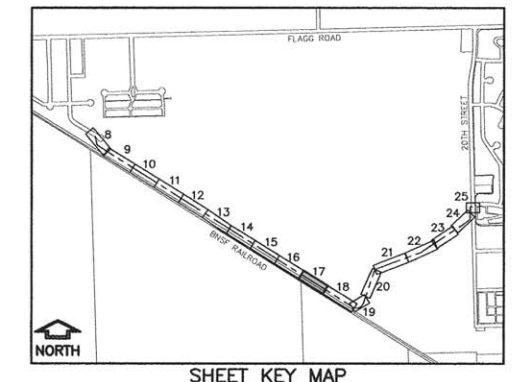
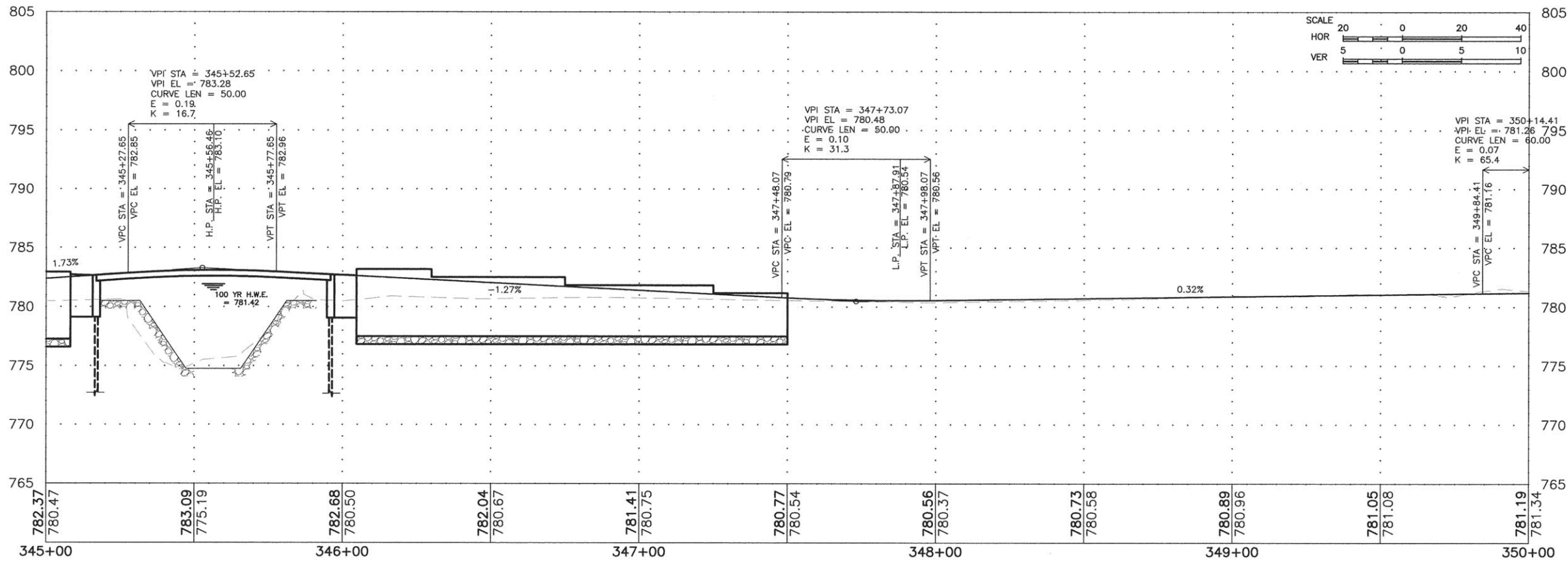
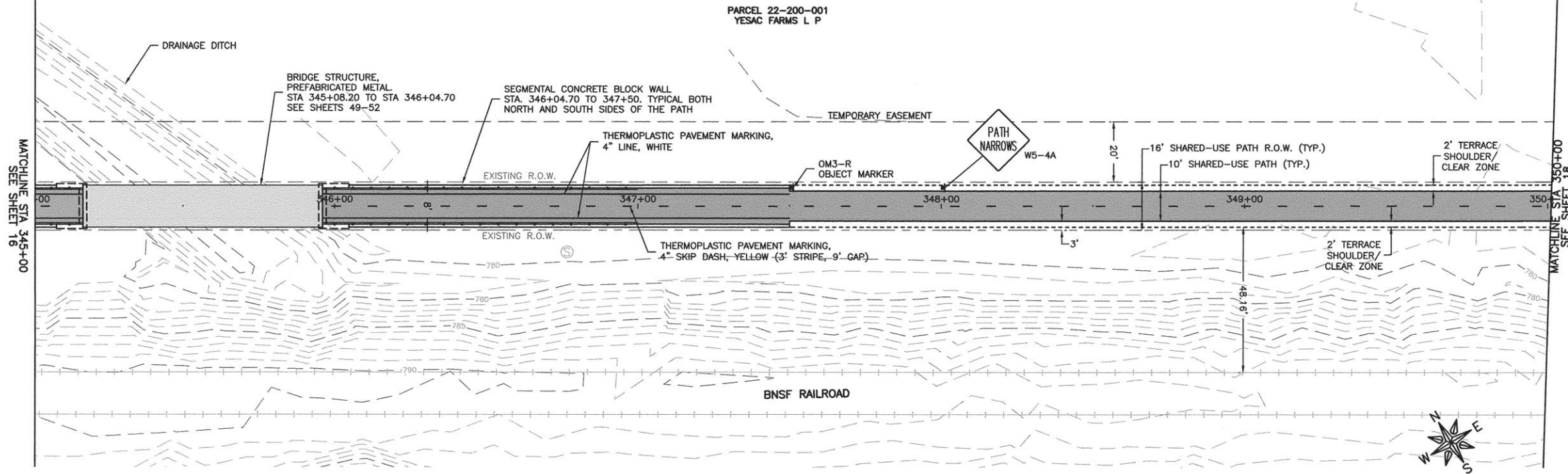
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 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 340+00 TO 345+00

JOB NUMBER:
 13-285

SHEET NUMBER:
 16 of 54



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 ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 194-003525

ILLINOIS
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 WISCONSIN

OWNER/DEVELOPER:
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

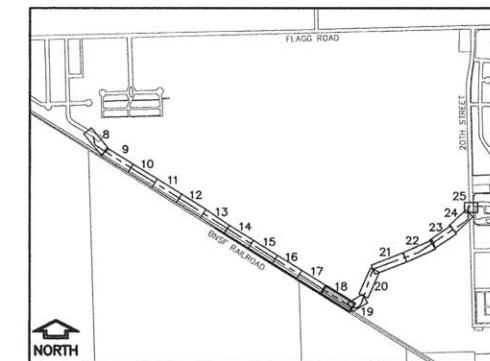
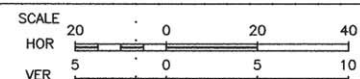
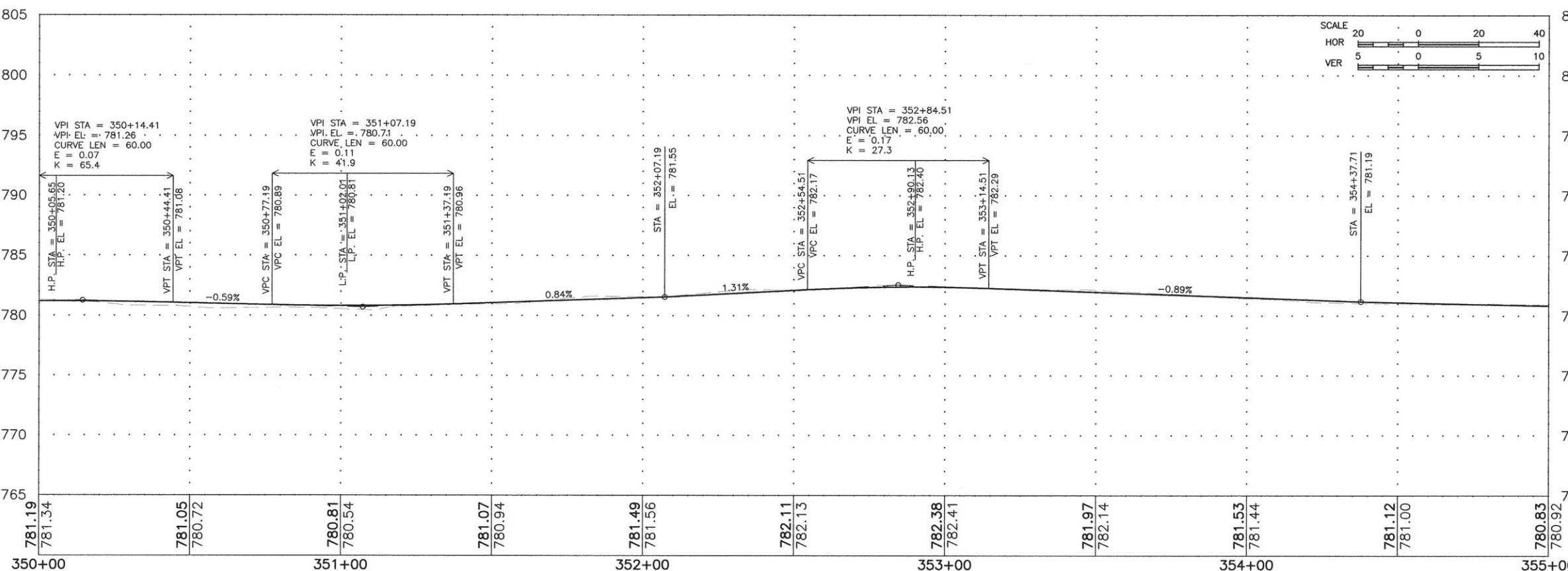
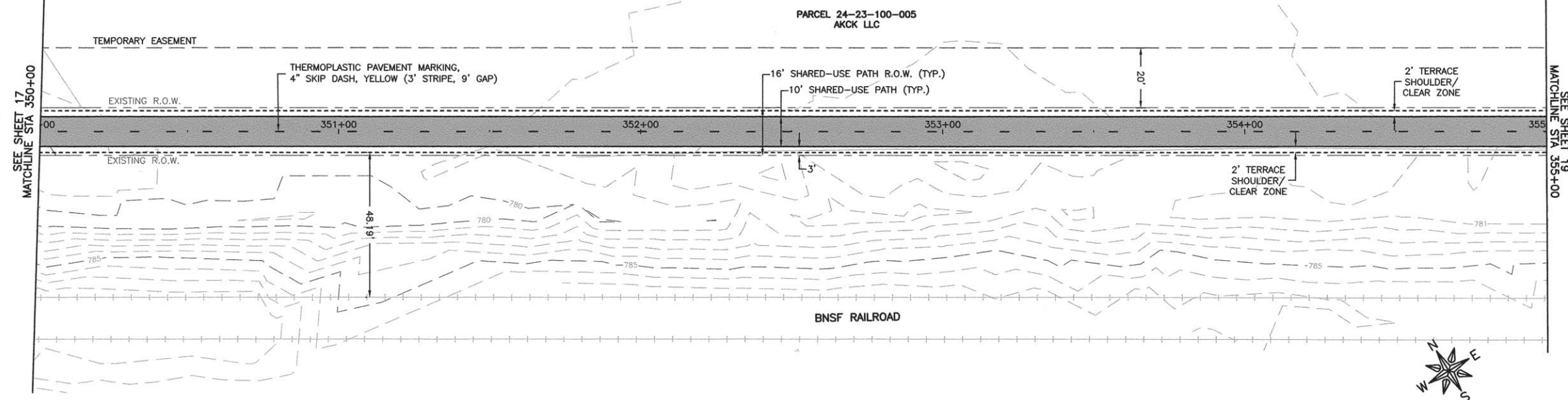
PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 345+00 TO 350+00

JOB NUMBER:
 13-285
 SHEET NUMBER:
 17 of 54



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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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OWNER/DEVELOPER:
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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

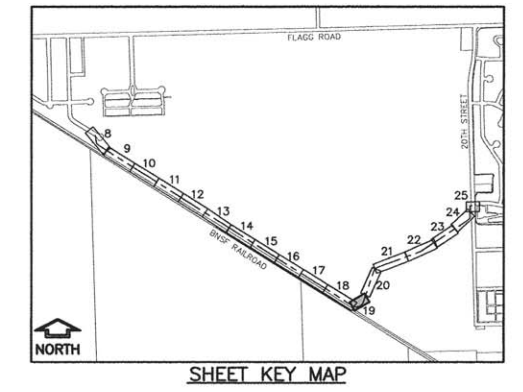
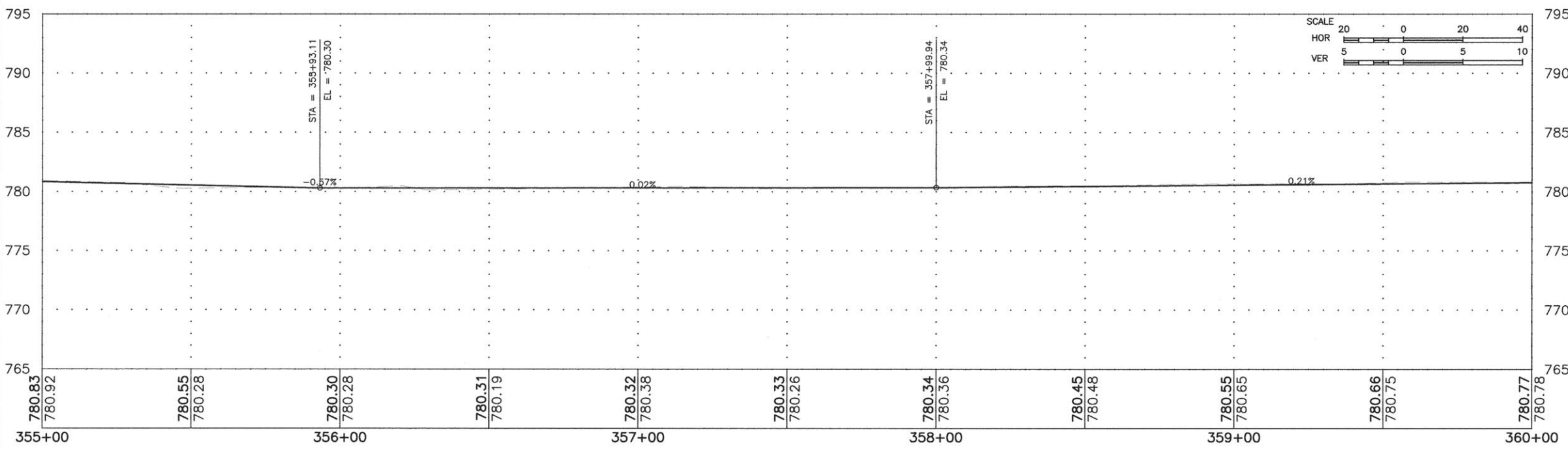
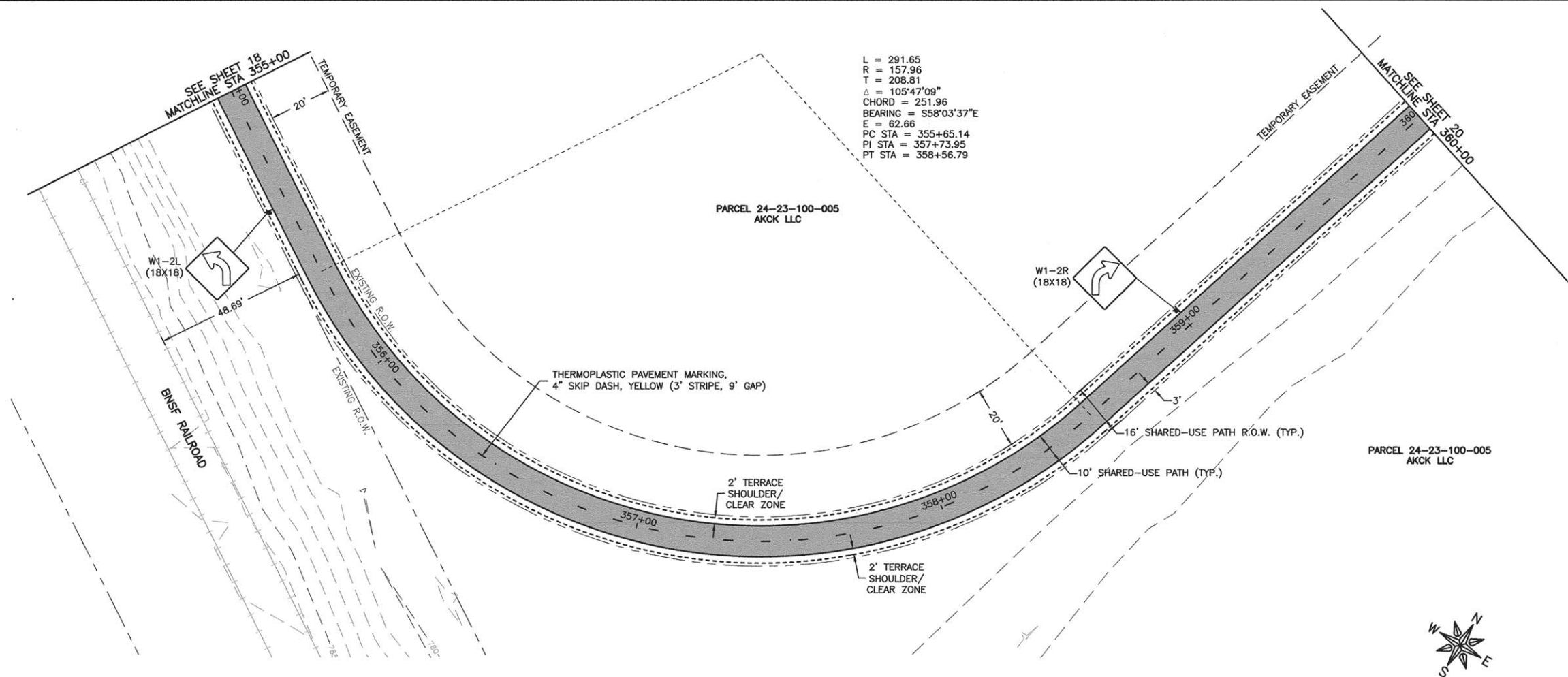
DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 350+00 TO 355+00

JOB NUMBER:
 13-285
 SHEET NUMBER:
 18 of 54

L = 291.65
 R = 157.96
 T = 208.81
 $\Delta = 105^{\circ}47'09''$
 CHORD = 251.96
 BEARING = S58^{\circ}03'37"E
 E = 62.66
 PC STA = 355+65.14
 PI STA = 357+73.95
 PT STA = 358+56.79



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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

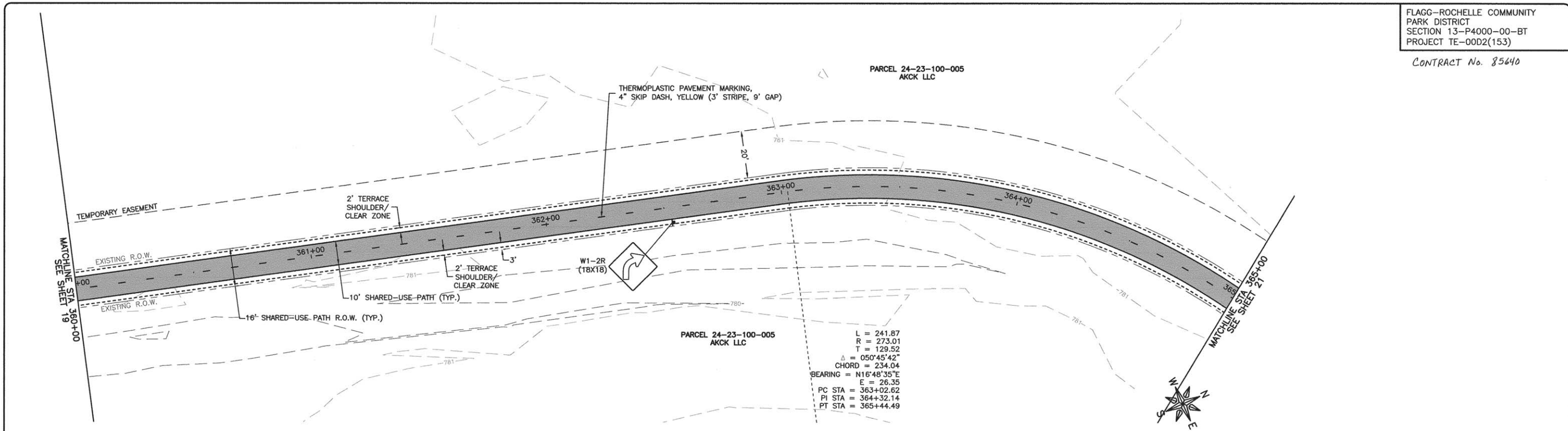
PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

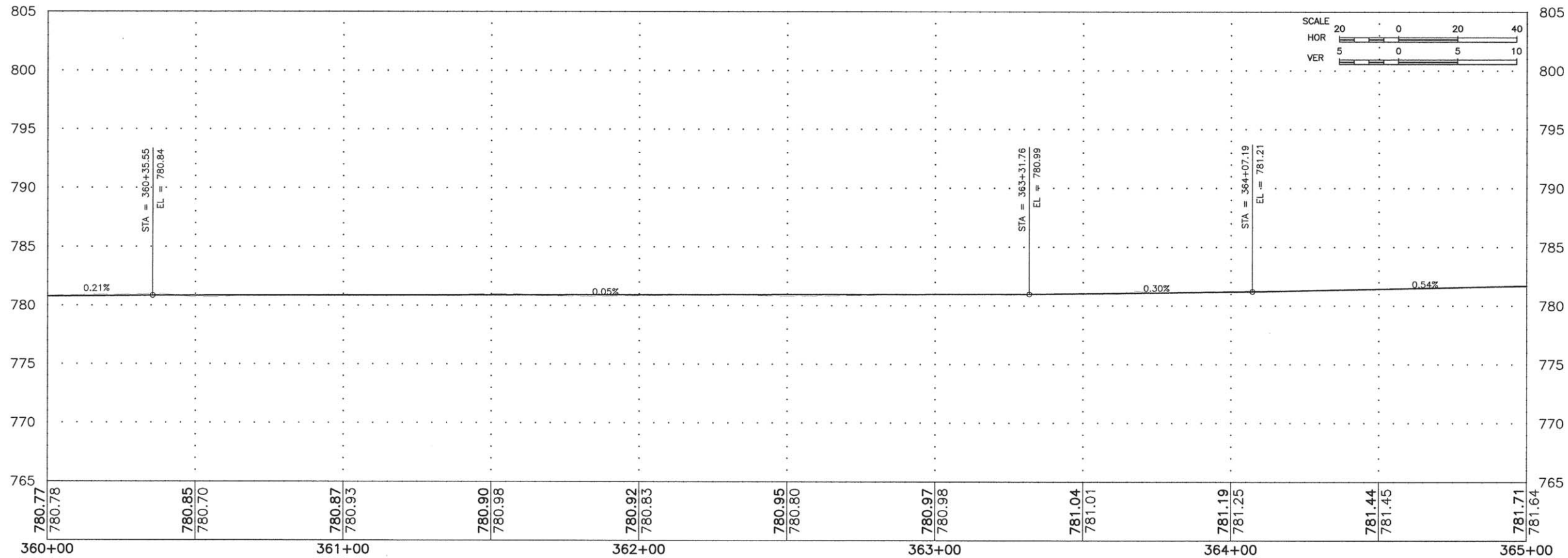
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 355+00 TO 360+00

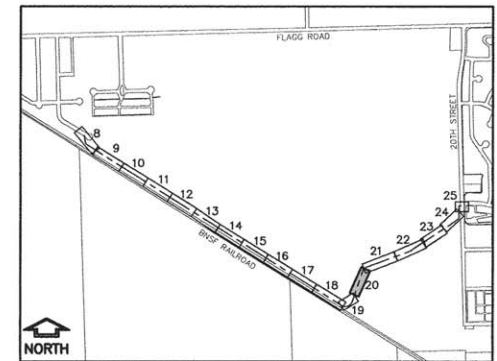
JOB NUMBER:
 13-285
 SHEET NUMBER:
 19 of 54



L = 241.87
 R = 273.01
 T = 129.52
 $\Delta = 050^{\circ}45'42''$
 CHORD = 234.04
 BEARING = N16^{\circ}48'35''E
 E = 26.35
 PC STA = 363+02.62
 PI STA = 364+32.14
 PT STA = 365+44.49



SCALE
 HOR 20 0 20 40
 VER 5 0 5 10



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PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

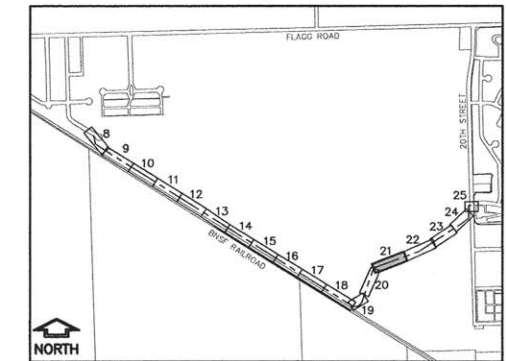
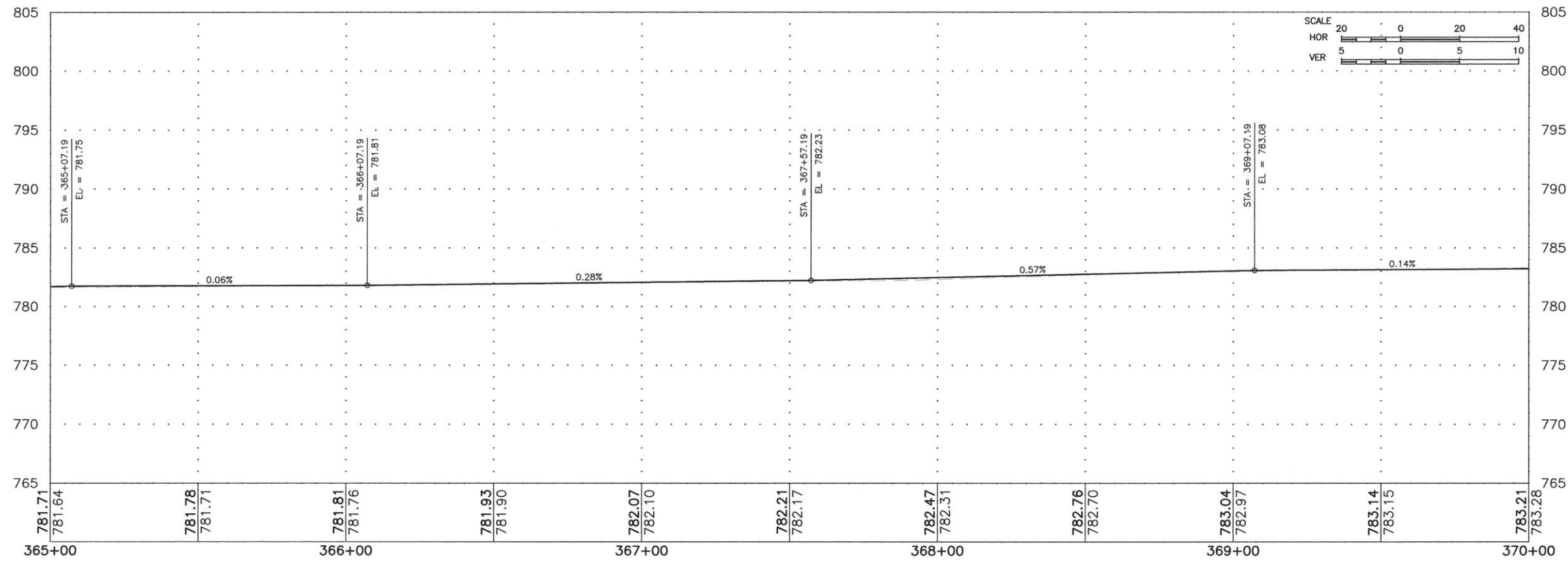
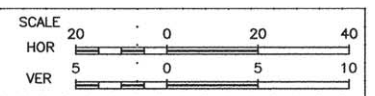
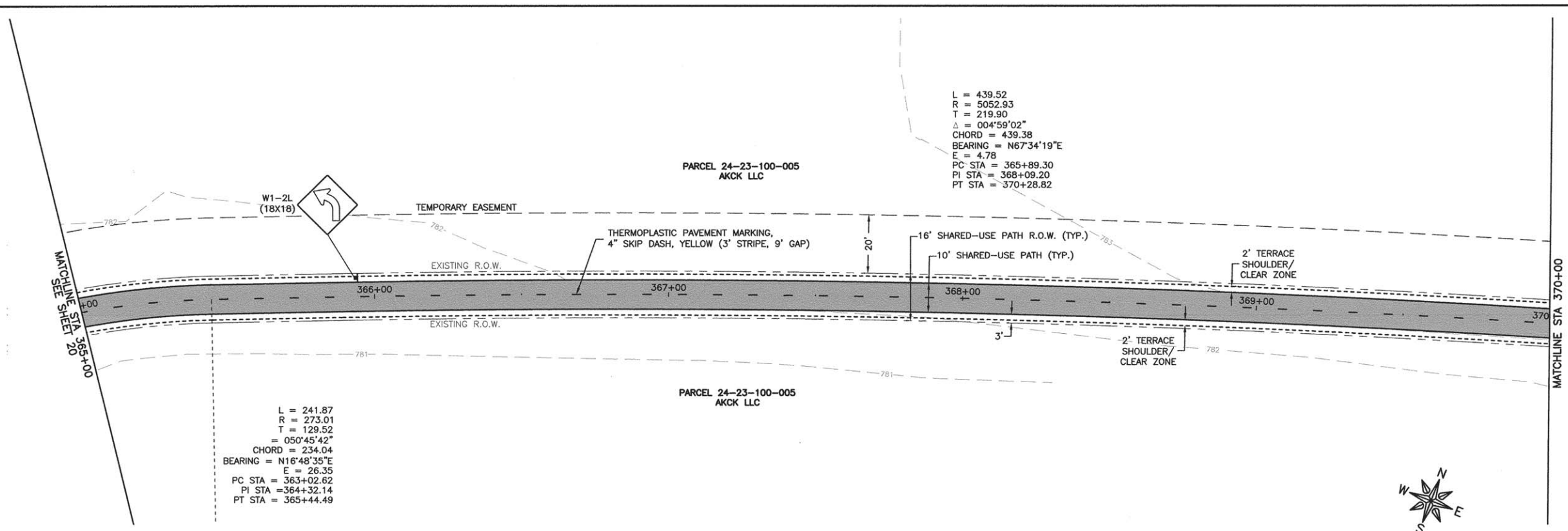
DRAWING:
 PLAN AND PROFILE
 STA 360+00 TO 365+00

JOB NUMBER:
 13-285

SHEET NUMBER:
 20 of 54

L = 439.52
 R = 5052.93
 T = 219.90
 $\Delta = 004^{\circ}59'02''$
 CHORD = 439.38
 BEARING = N67 $^{\circ}$ 34'19"E
 E = 4.78
 PC STA = 365+89.30
 PI STA = 368+09.20
 PT STA = 370+28.82

L = 241.87
 R = 273.01
 T = 129.52
 $\Delta = 050^{\circ}45'42''$
 CHORD = 234.04
 BEARING = N16 $^{\circ}$ 48'35"E
 E = 26.35
 PC STA = 363+02.62
 PI STA = 364+32.14
 PT STA = 365+44.49



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 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20"

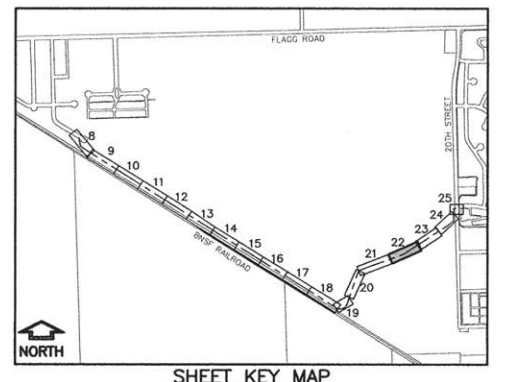
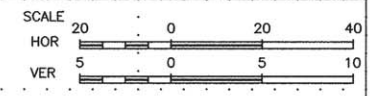
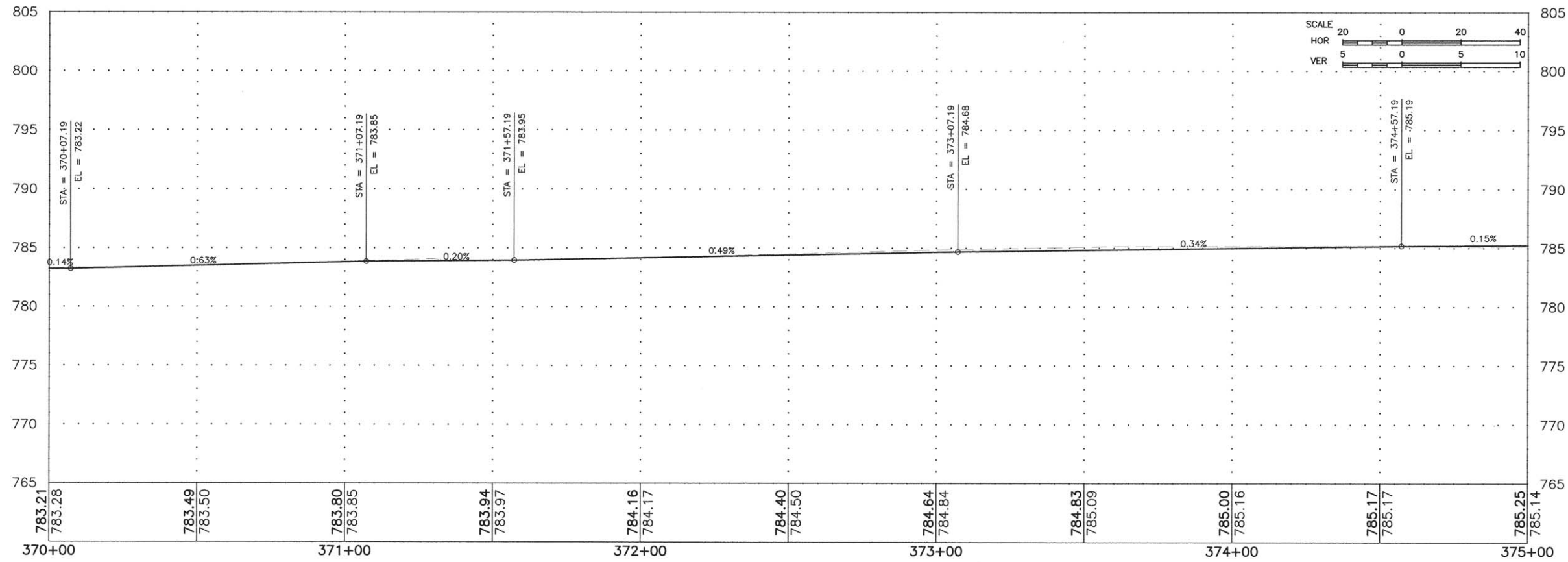
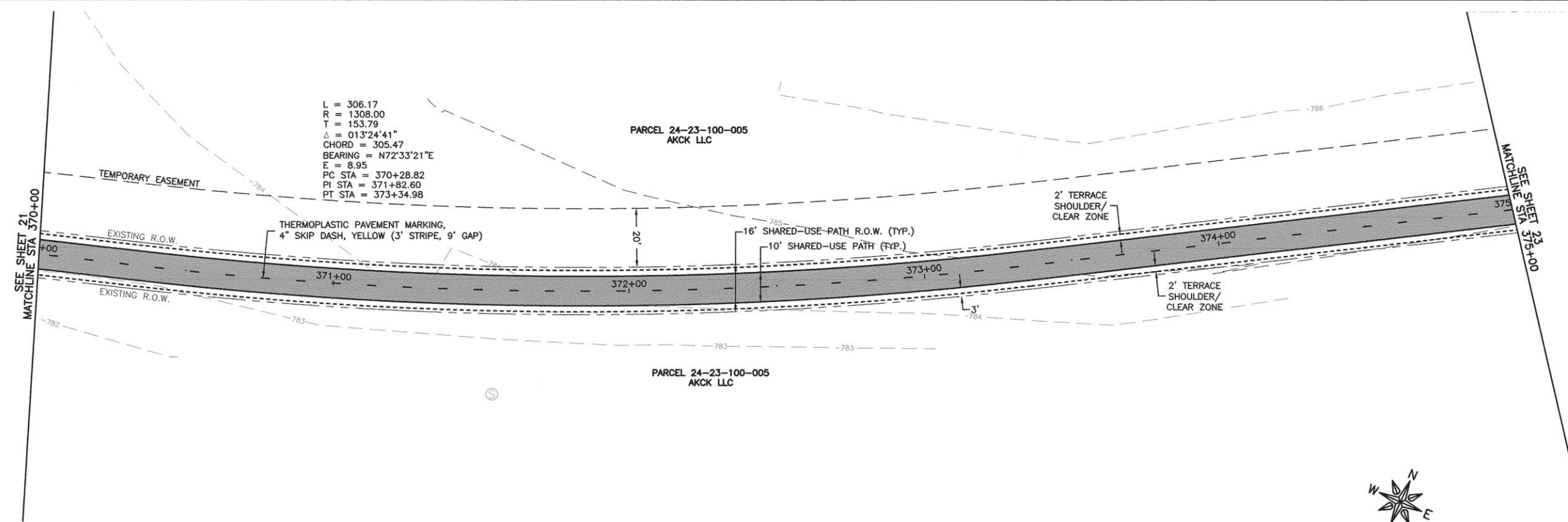
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 365+00 TO 370+00

JOB NUMBER:
 13-285

SHEET NUMBER:
 21 of 54

L = 306.17
 R = 1308.00
 T = 153.79
 Δ = 013°24'41"
 CHORD = 305.47
 BEARING = N72°33'21"E
 E = 8.95
 PC STA = 370+28.82
 PI STA = 371+82.60
 PT STA = 373+34.98



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 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

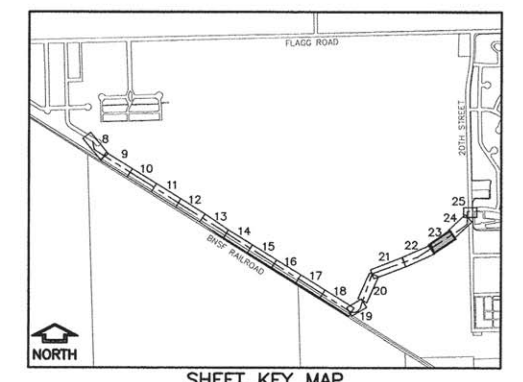
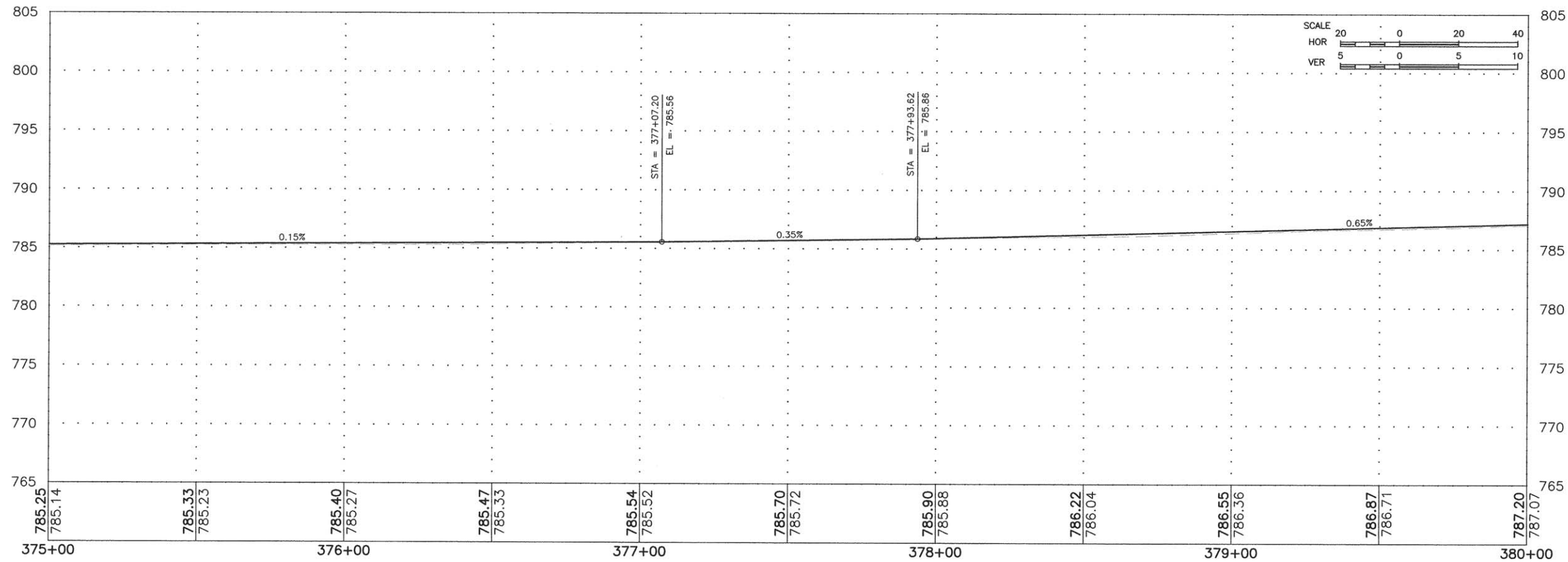
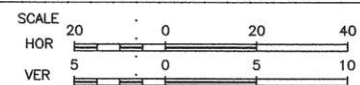
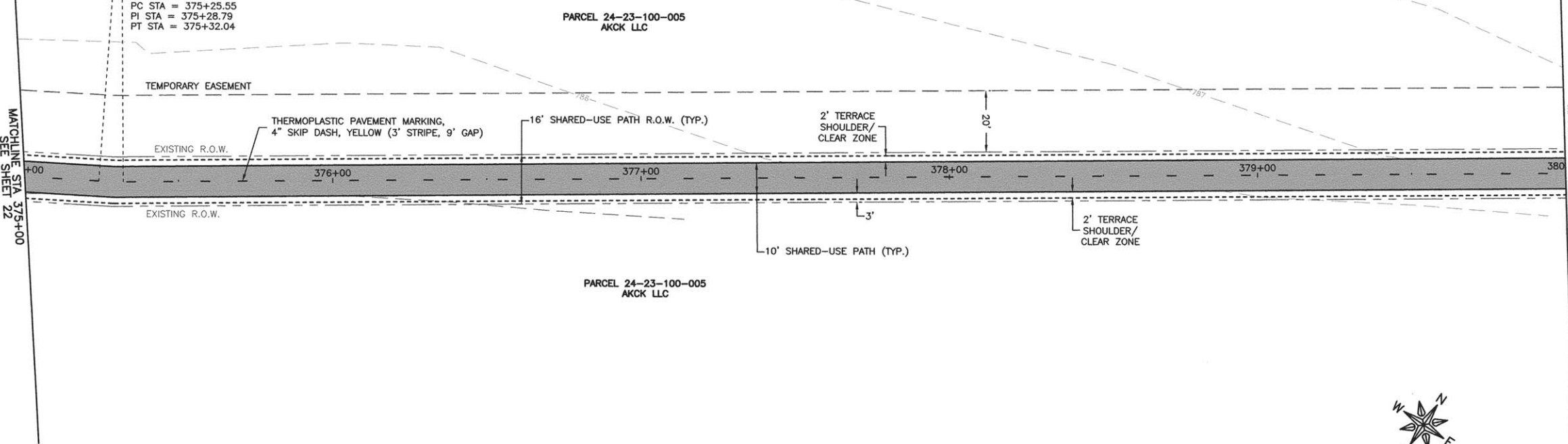
DRAWING:
 PLAN AND PROFILE
 STA 370+00 TO 375+00

JOB NUMBER:
 13-285
 SHEET NUMBER:
 22 of 54

L = 6.49
 R = 100.00
 T = 3.25
 Δ = 003°43'03"
 CHORD = 6.49
 BEARING = N59°08'40"E
 E = 0.05
 PC STA = 375+25.55
 PI STA = 375+28.79
 PT STA = 375+32.04

MATCHLINE STA 375+00
 SEE SHEET 22

SEE SHEET 24
 MATCHLINE STA 380+00



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 PARK DISTRICT
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PROJECT AND LOCATION:
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 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

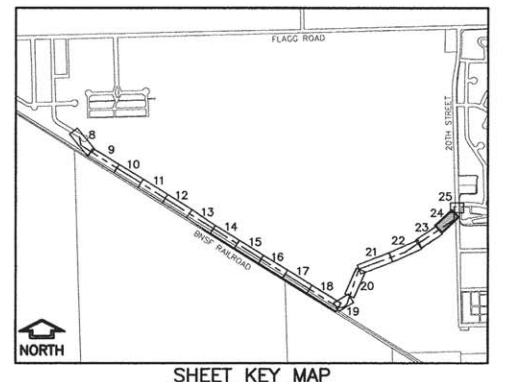
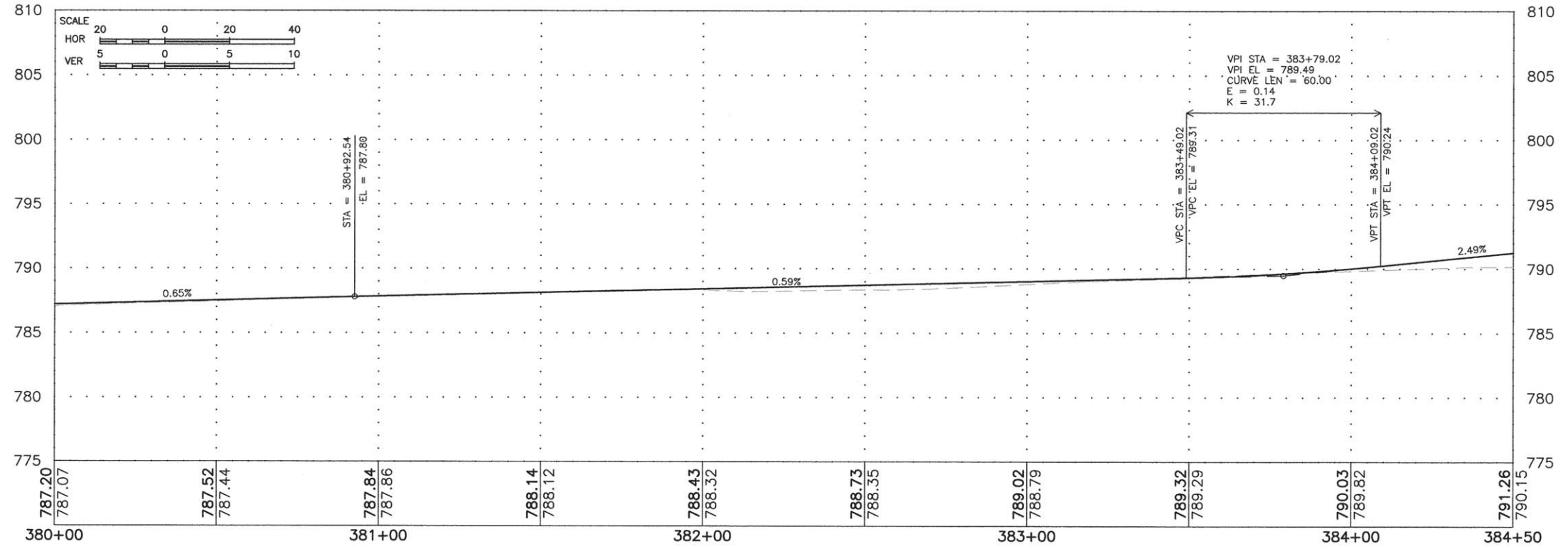
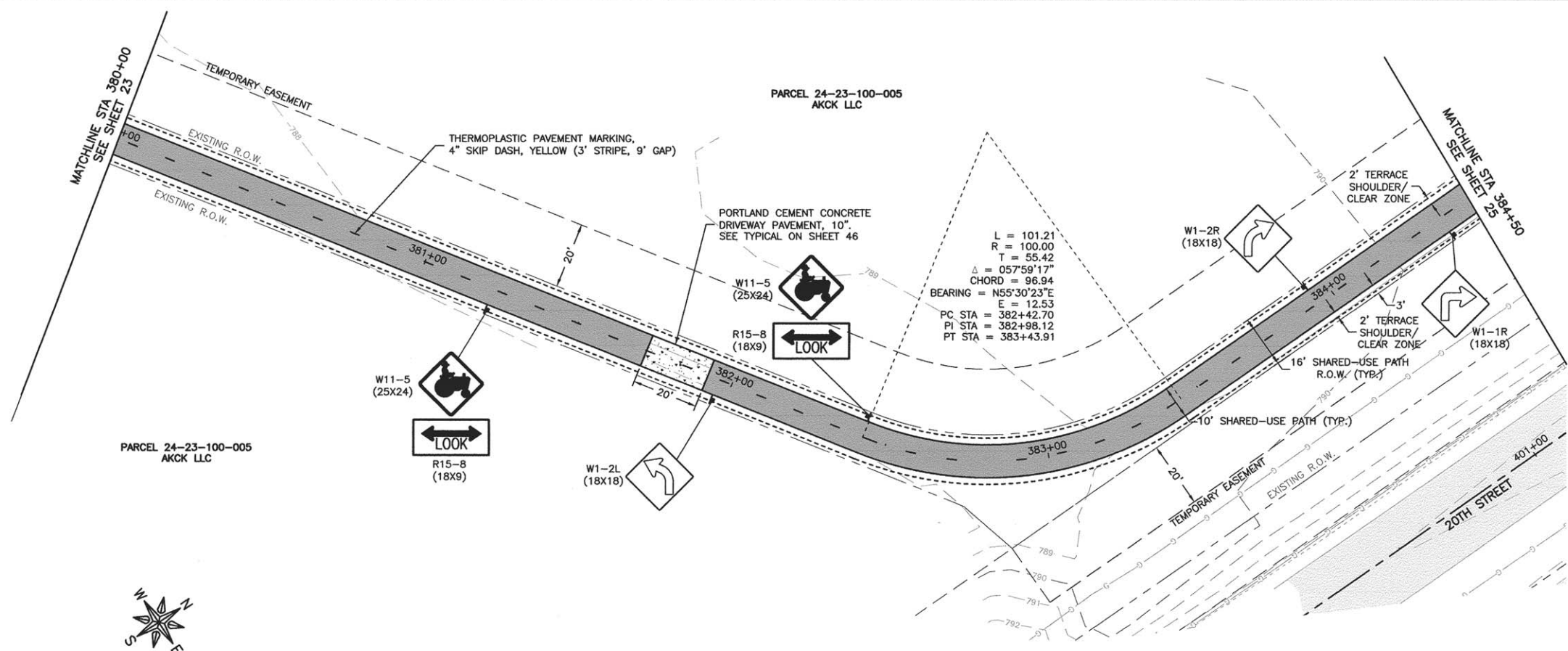
DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 375+00 TO 380+00

JOB NUMBER:
 13-285

SHEET NUMBER:
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ILLINOIS
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PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
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 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: 1"=20'

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE
 STA 380+00 TO 385+00

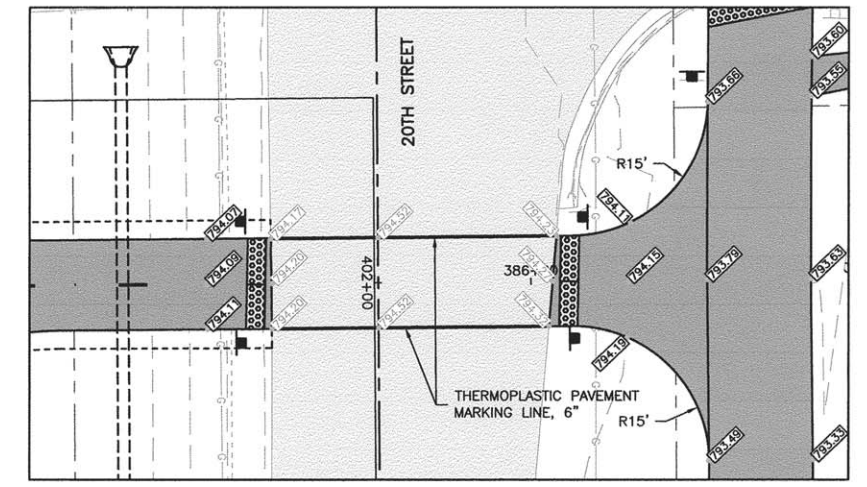
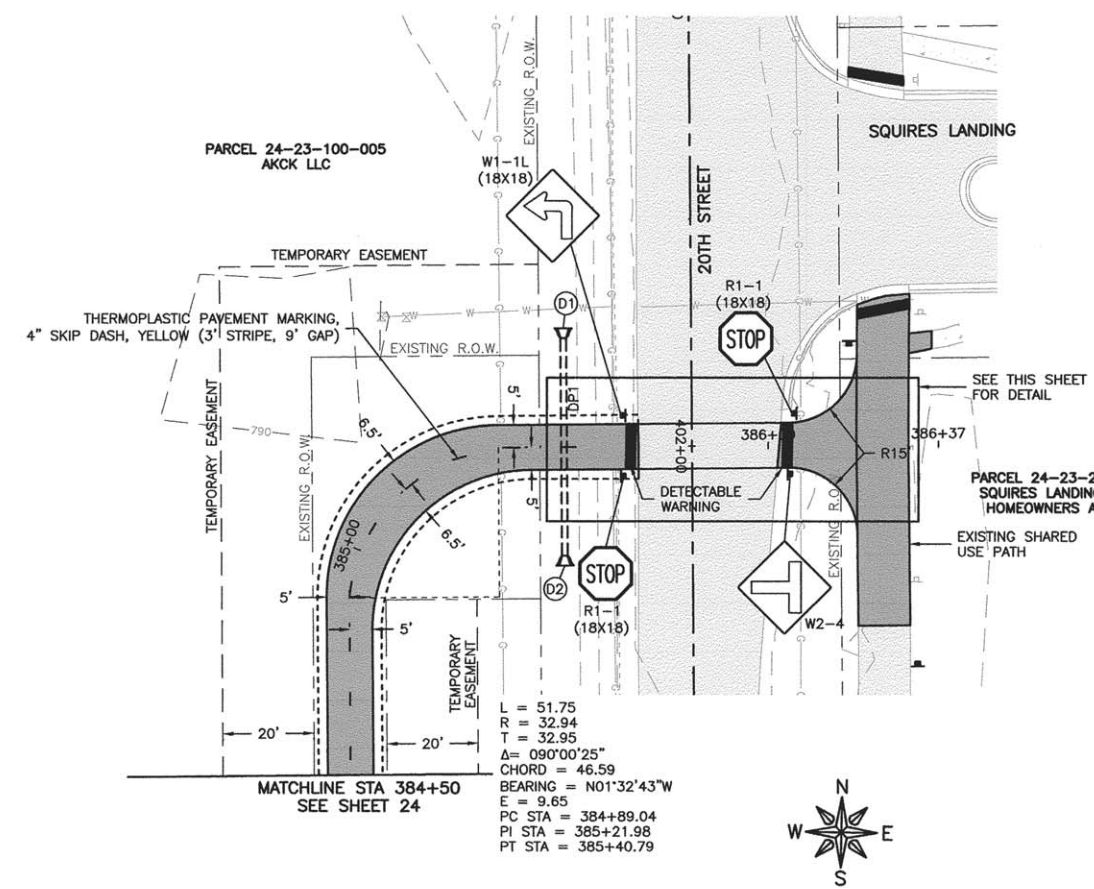
JOB NUMBER:
 13-285
 SHEET NUMBER:
 24 of 54

STORM STRUCTURE TABLE

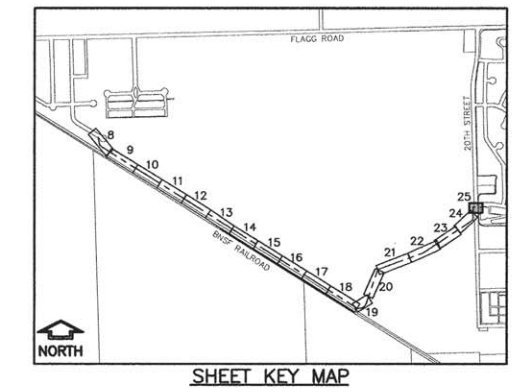
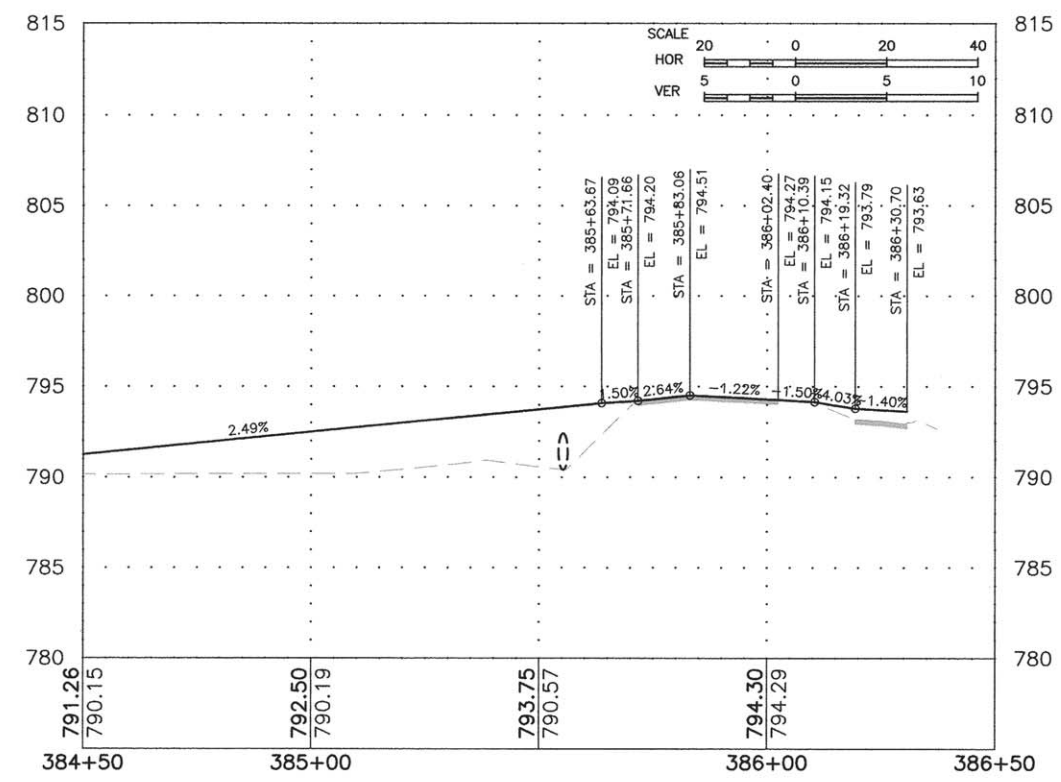
NO.	STA	OFFSET	RIM	INV	STRUCTURE	FRAME & GRATE
D1	385+55.00	24'	-	790.57	RCP FES	-
D2	385+55.00	24'	-	790.44	RCP FES	-

STORM PIPE TABLE

PIPE NO.	PIPE SIZE	PIPE LENGTH	PIPE SLOPE	PIPE MATERIAL
DP1	15"	48'	0.27%	RCP



DETAIL
 SCALE: 1" = 10'
 NOTE: CROSS-SLOPE OF PATH THROUGH EXISTING ROADWAY DOES NOT EXCEED 1%

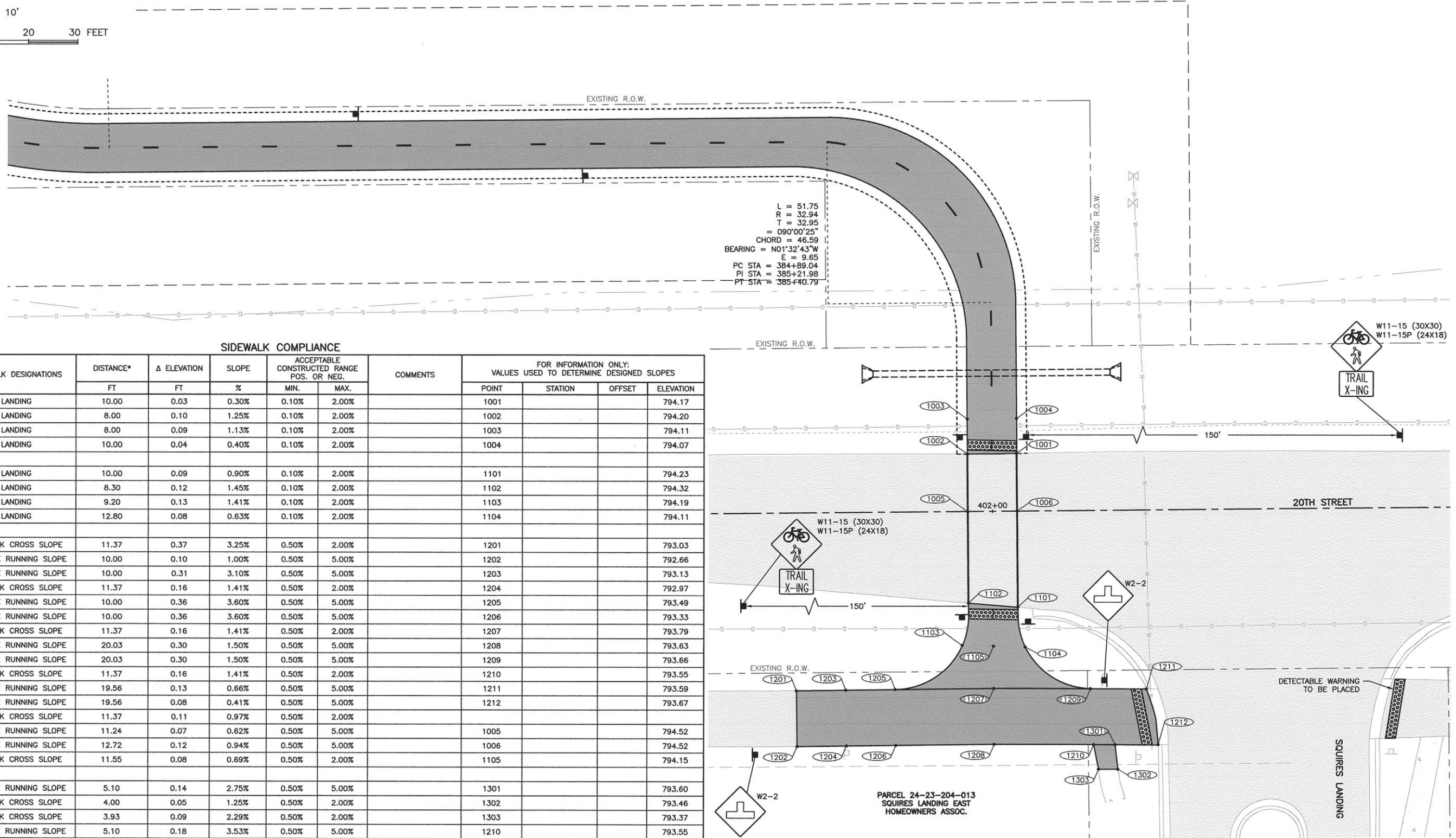
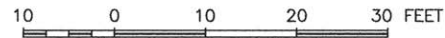


REVISIONS

REV. NO.	DESCRIPTION	DATE



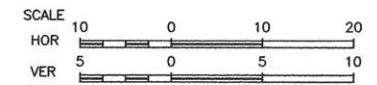
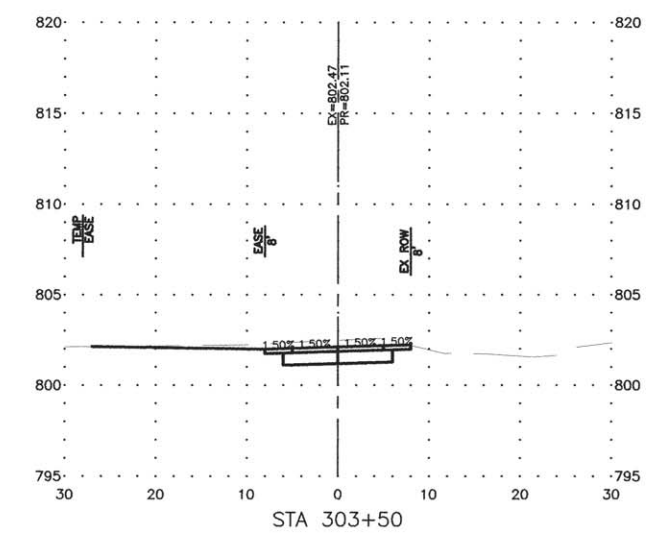
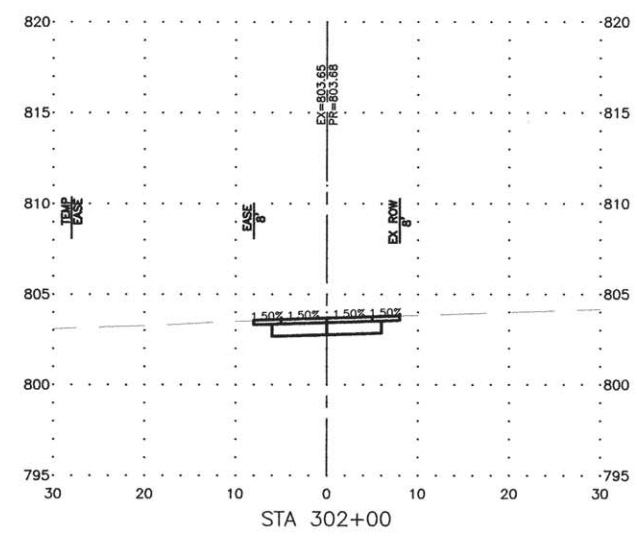
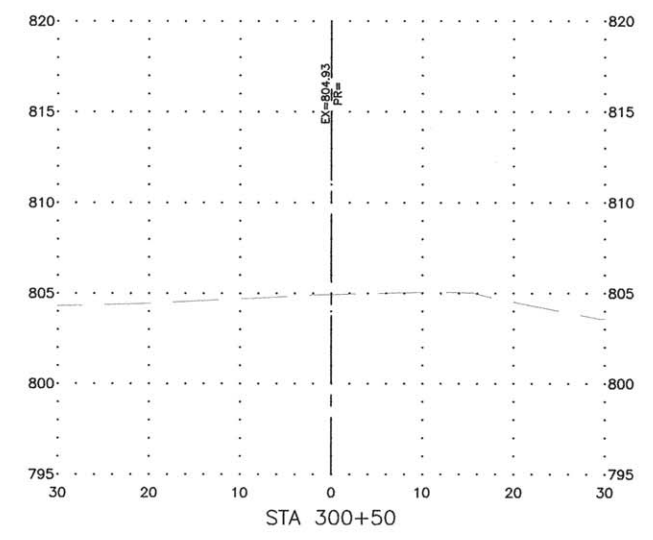
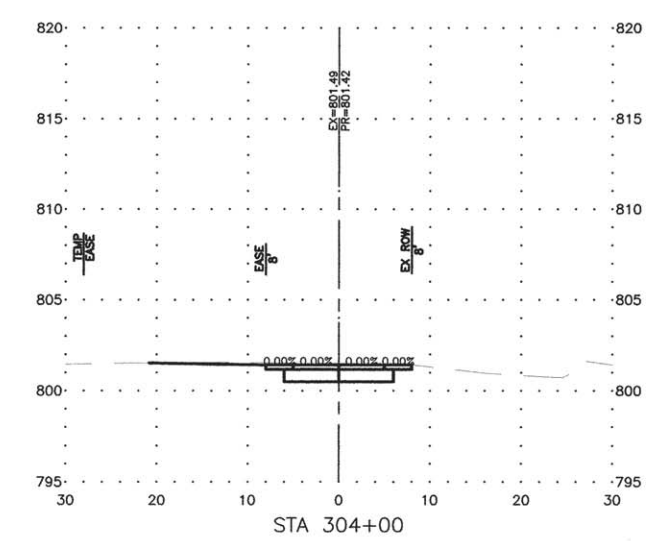
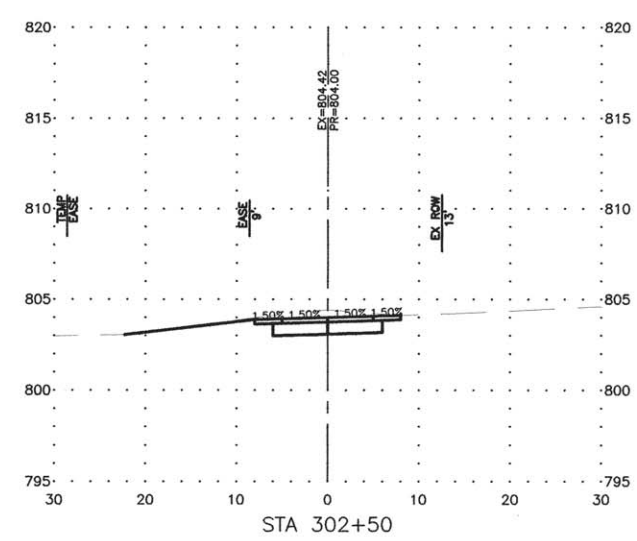
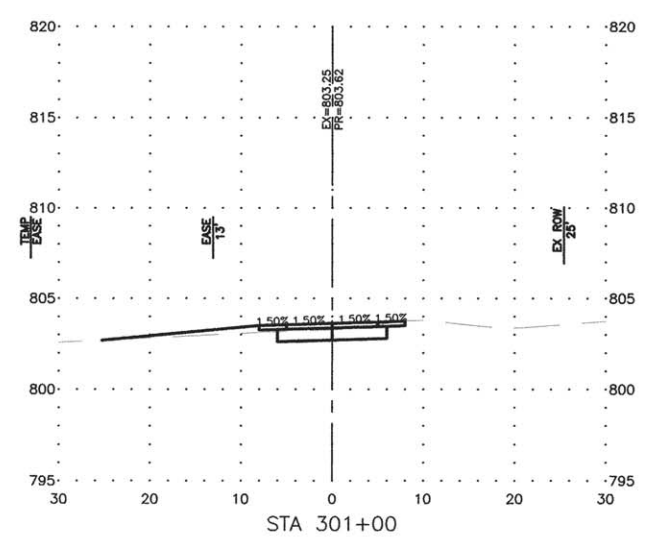
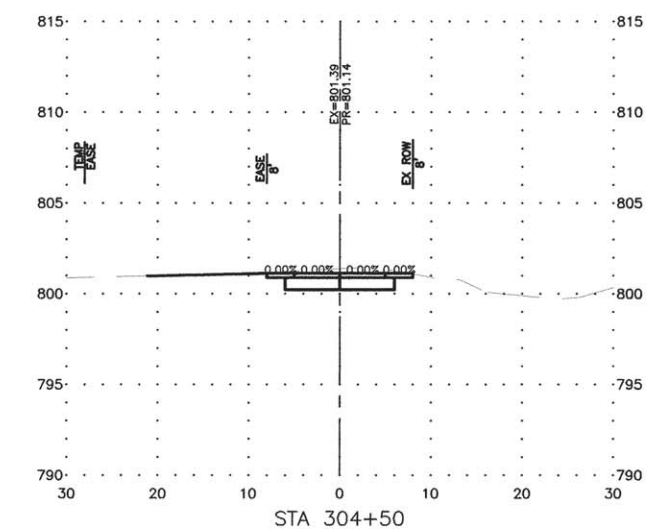
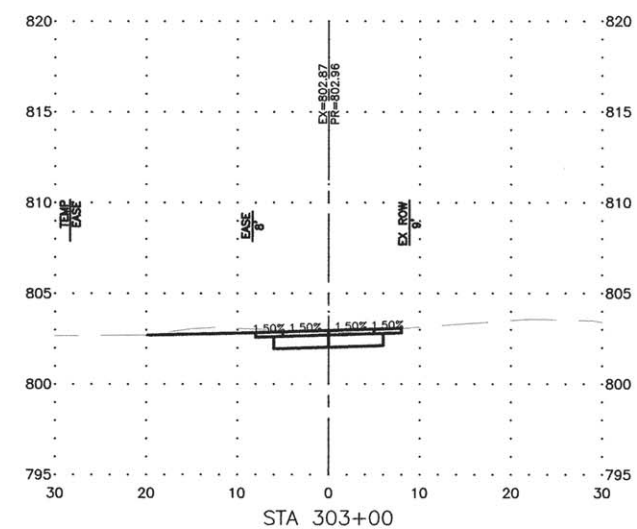
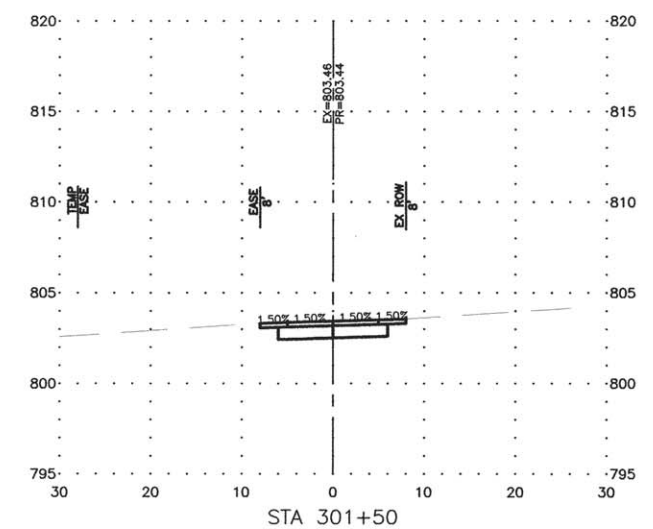
SCALE: 1" = 10'



SIDEWALK COMPLIANCE

POINT TO POINT	SIDEWALK DESIGNATIONS	DISTANCE*	Δ ELEVATION	SLOPE	ACCEPTABLE CONSTRUCTED RANGE POS. OR NEG.		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
					MIN.	MAX.		POINT	STATION	OFFSET	ELEVATION
1001	1002	LANDING	10.00	0.03	0.30%	0.10%	2.00%				794.17
1001	1004	LANDING	8.00	0.10	1.25%	0.10%	2.00%				794.20
1002	1003	LANDING	8.00	0.09	1.13%	0.10%	2.00%				794.11
1003	1004	LANDING	10.00	0.04	0.40%	0.10%	2.00%				794.07
1101	1102	LANDING	10.00	0.09	0.90%	0.10%	2.00%				794.23
1101	1104	LANDING	8.30	0.12	1.45%	0.10%	2.00%				794.32
1102	1103	LANDING	9.20	0.13	1.41%	0.10%	2.00%				794.19
1103	1104	LANDING	12.80	0.08	0.63%	0.10%	2.00%				794.11
1201	1202	SIDEWALK CROSS SLOPE	11.37	0.37	3.25%	0.50%	2.00%				793.03
1201	1203	SIDEWALK RUNNING SLOPE	10.00	0.10	1.00%	0.50%	5.00%				792.66
1202	1204	SIDEWALK RUNNING SLOPE	10.00	0.31	3.10%	0.50%	5.00%				793.13
1203	1204	SIDEWALK CROSS SLOPE	11.37	0.16	1.41%	0.50%	2.00%				792.97
1203	1205	SIDEWALK RUNNING SLOPE	10.00	0.36	3.60%	0.50%	5.00%				793.49
1204	1206	SIDEWALK RUNNING SLOPE	10.00	0.36	3.60%	0.50%	5.00%				793.33
1205	1206	SIDEWALK CROSS SLOPE	11.37	0.16	1.41%	0.50%	2.00%				793.79
1205	1207	SIDEWALK RUNNING SLOPE	20.03	0.30	1.50%	0.50%	5.00%				793.63
1206	1208	SIDEWALK RUNNING SLOPE	20.03	0.30	1.50%	0.50%	5.00%				793.66
1207	1208	SIDEWALK CROSS SLOPE	11.37	0.16	1.41%	0.50%	2.00%				793.55
1207	1209	SIDEWALK RUNNING SLOPE	19.56	0.13	0.66%	0.50%	5.00%				793.59
1208	1210	SIDEWALK RUNNING SLOPE	19.56	0.08	0.41%	0.50%	5.00%				793.67
1209	1210	SIDEWALK CROSS SLOPE	11.37	0.11	0.97%	0.50%	2.00%				
1209	1211	SIDEWALK RUNNING SLOPE	11.24	0.07	0.62%	0.50%	5.00%				794.52
1210	1212	SIDEWALK RUNNING SLOPE	12.72	0.12	0.94%	0.50%	5.00%				794.52
1211	1212	SIDEWALK CROSS SLOPE	11.55	0.08	0.69%	0.50%	2.00%				794.15
1301	1302	SIDEWALK RUNNING SLOPE	5.10	0.14	2.75%	0.50%	5.00%				793.60
1301	1210	SIDEWALK CROSS SLOPE	4.00	0.05	1.25%	0.50%	2.00%				793.46
1302	1303	SIDEWALK CROSS SLOPE	3.93	0.09	2.29%	0.50%	2.00%				793.37
1303	1210	SIDEWALK RUNNING SLOPE	5.10	0.18	3.53%	0.50%	5.00%				793.55

REVISIONS		
REV. NO.	DESCRIPTION	DATE



FEHR GRAHAM
 ENGINEERING & ENVIRONMENTAL
 ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
 IOWA
 WISCONSIN

OWNER/DEVELOPER:
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

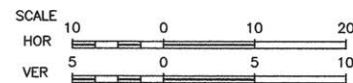
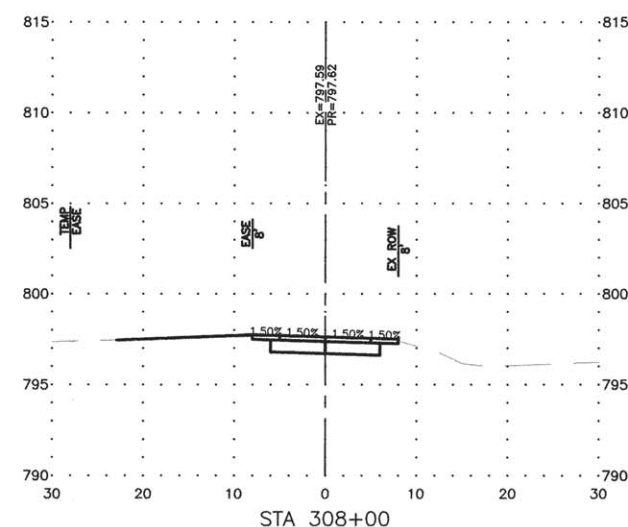
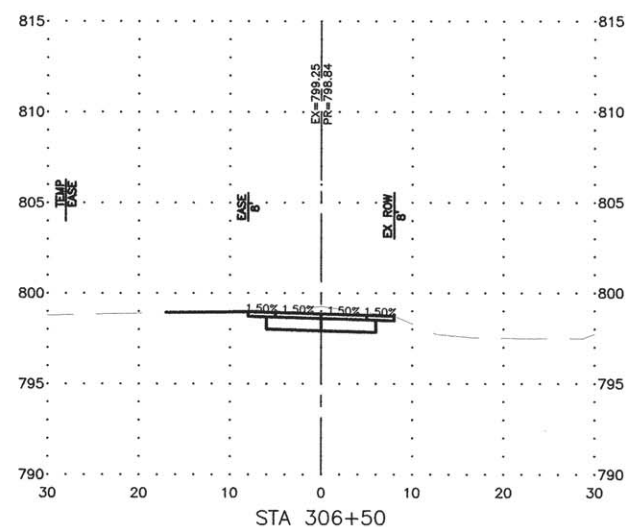
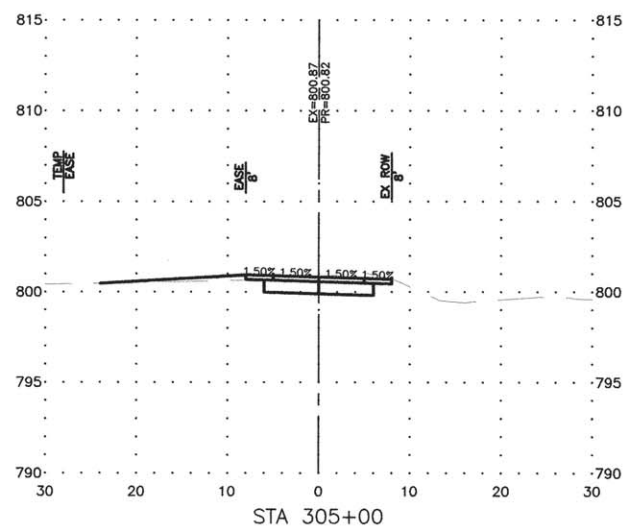
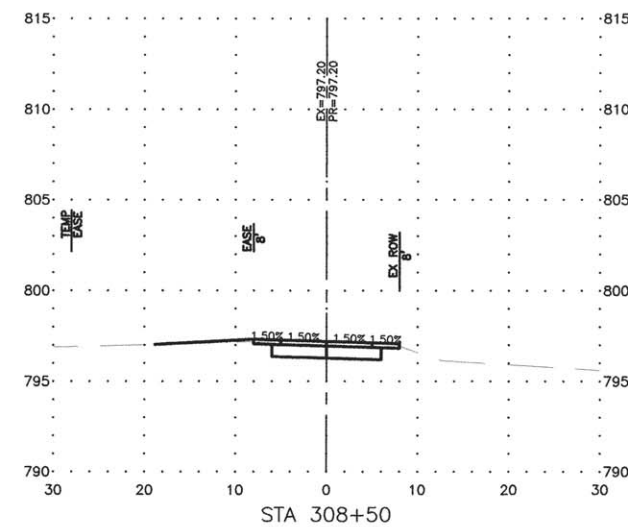
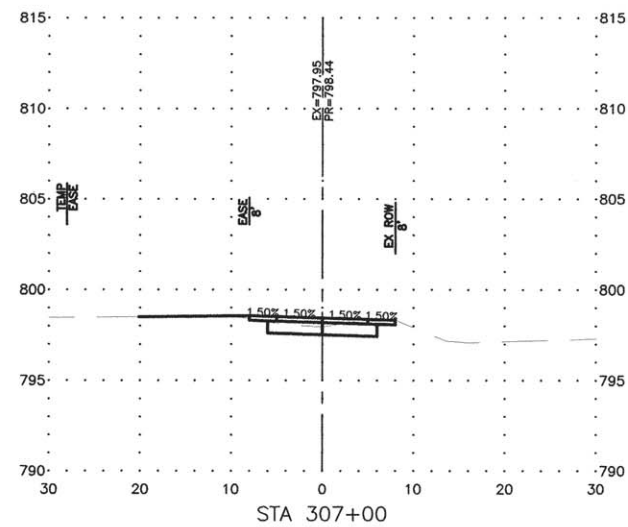
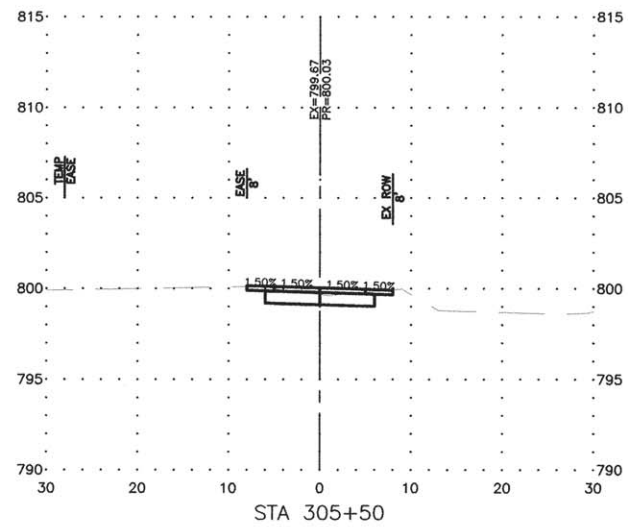
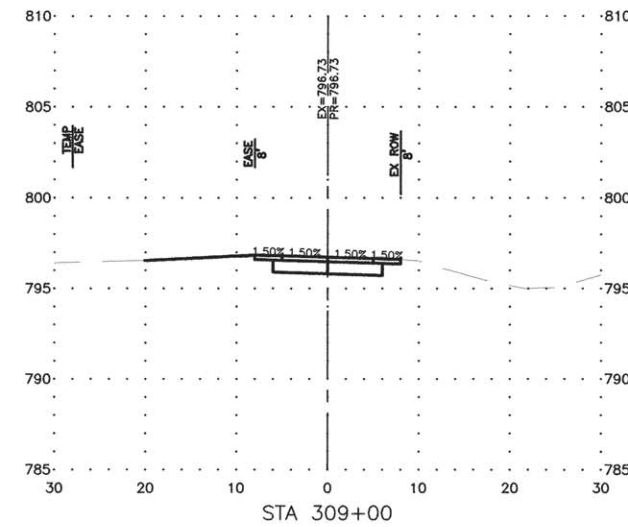
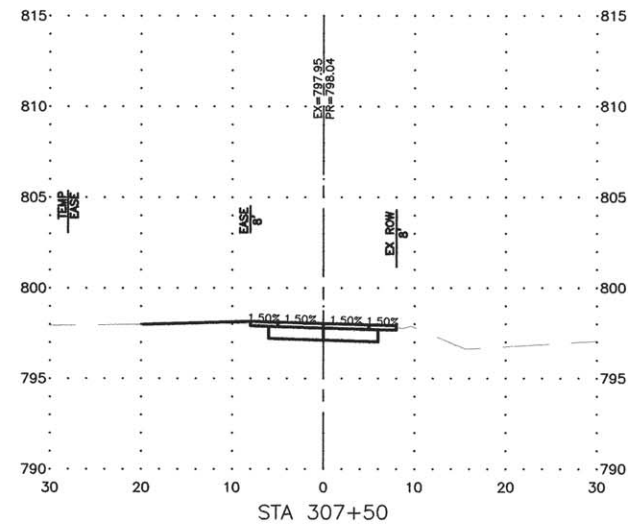
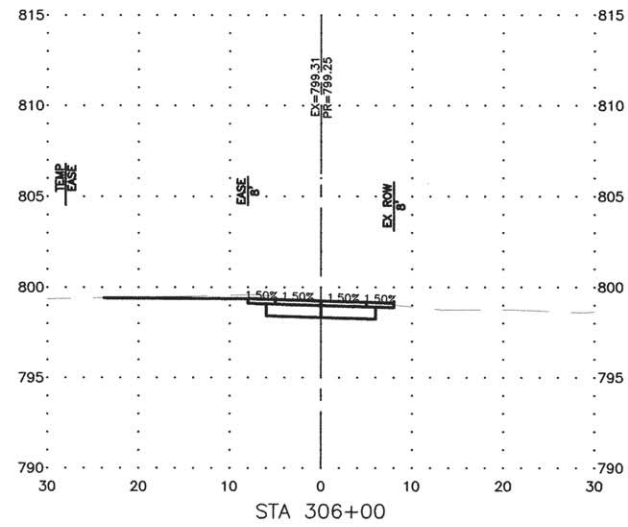
PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: AS NOTED

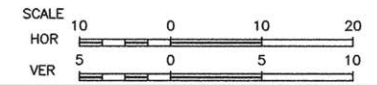
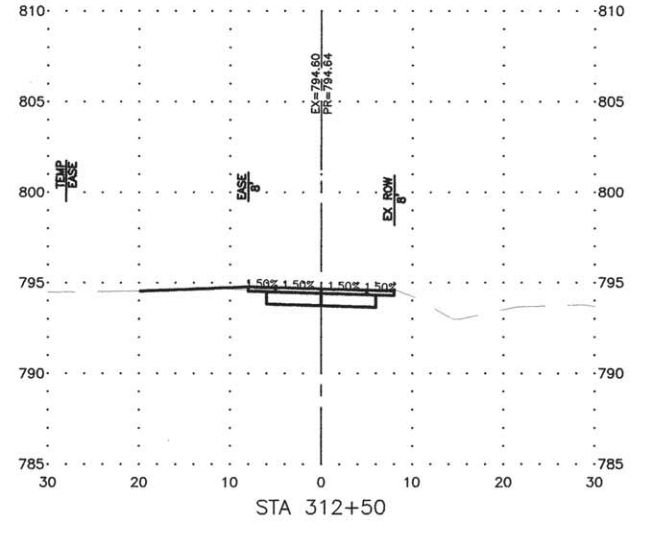
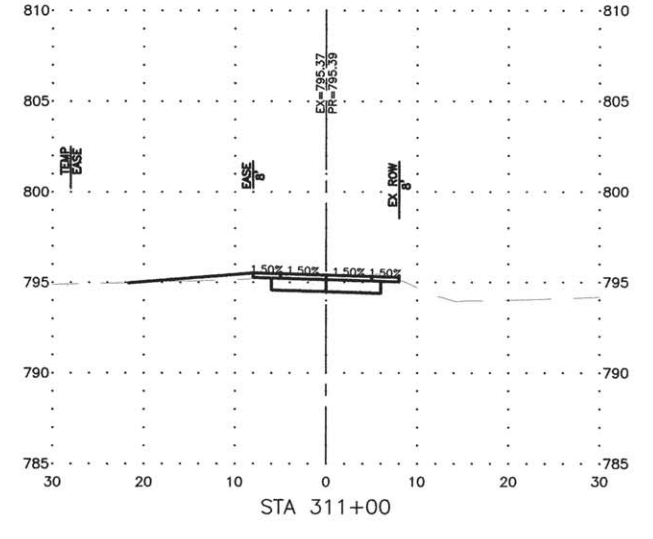
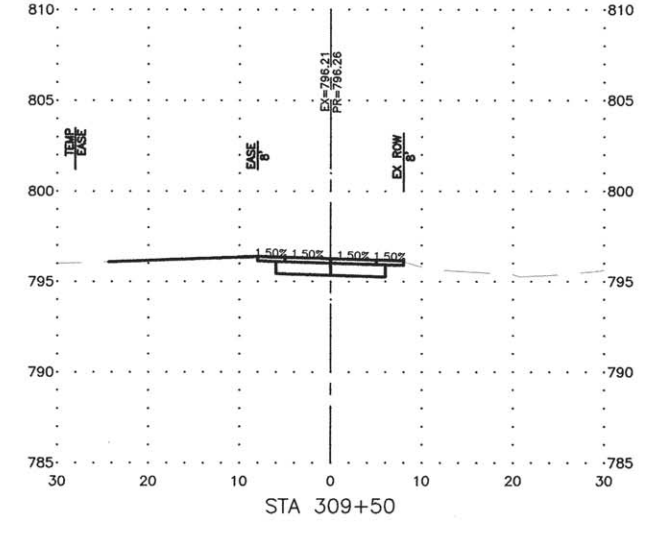
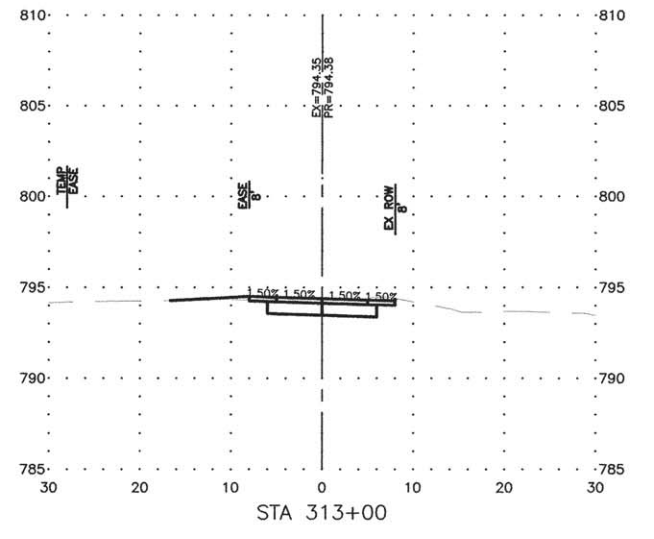
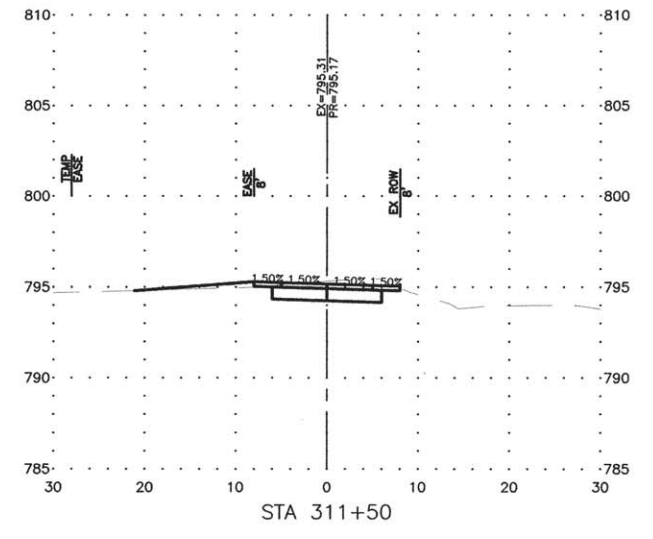
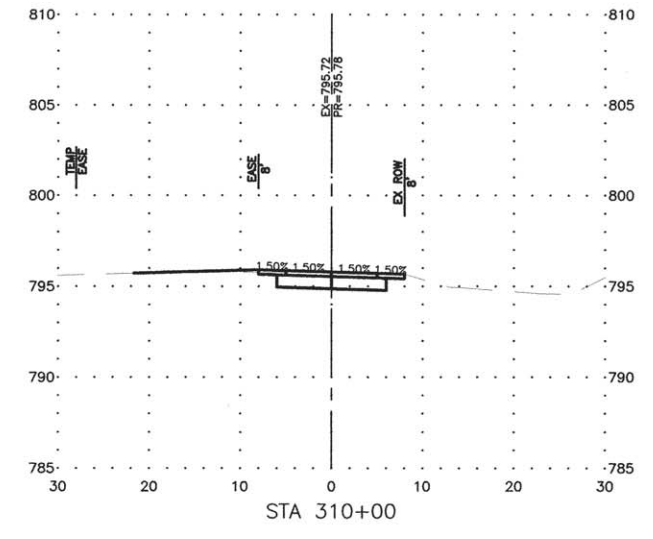
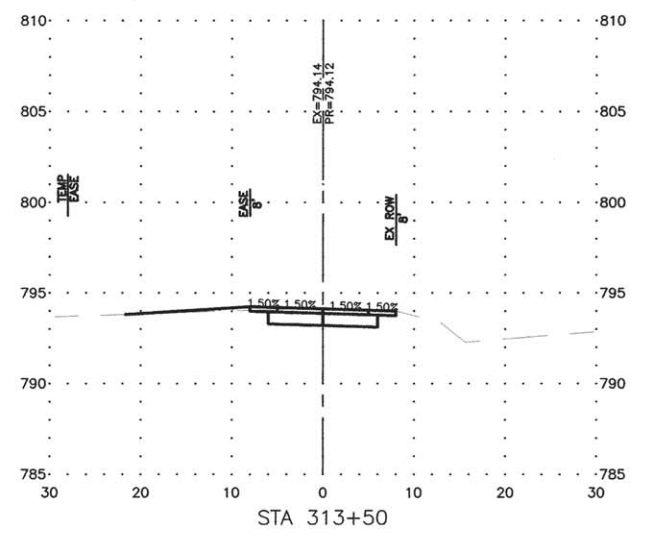
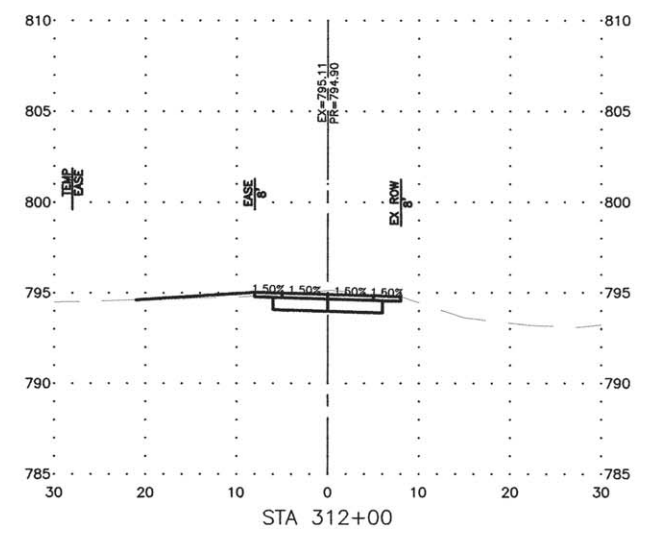
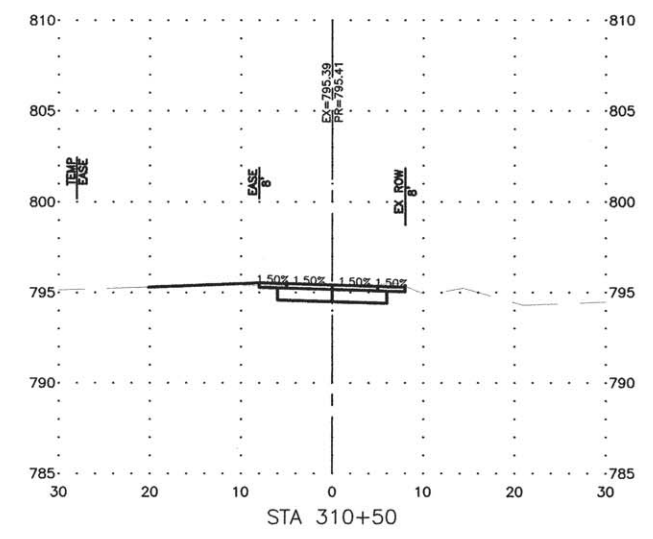
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 SHARED-USE PATH CROSS SECTIONS

JOB NUMBER:
 13-285
 SHEET NUMBER:
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REVISIONS		
REV. NO.	DESCRIPTION	DATE



FEHR GRAHAM
 ENGINEERING & ENVIRONMENTAL
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PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

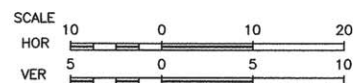
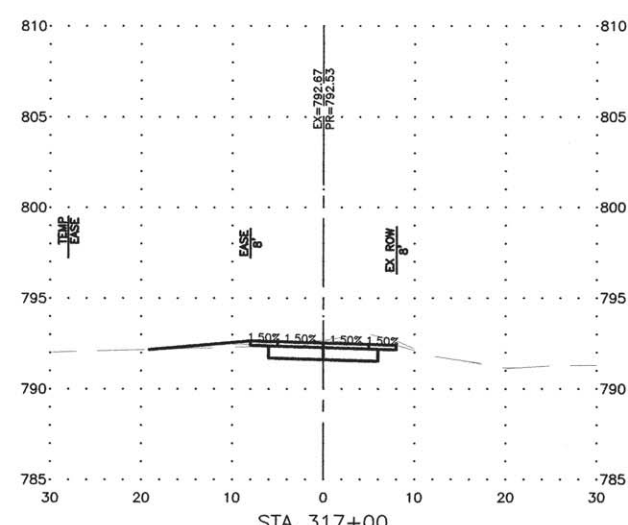
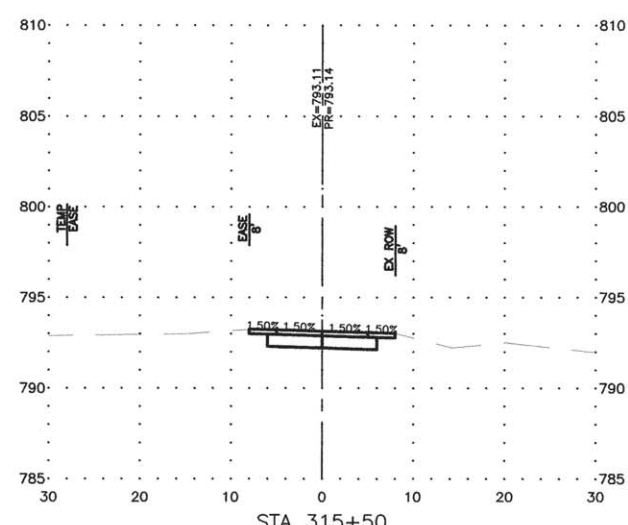
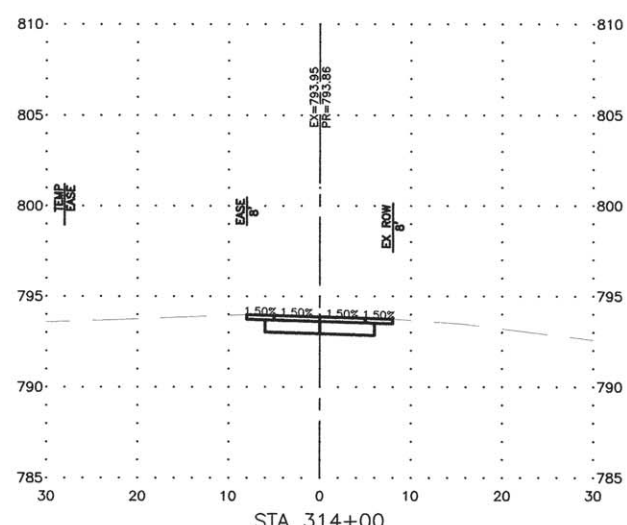
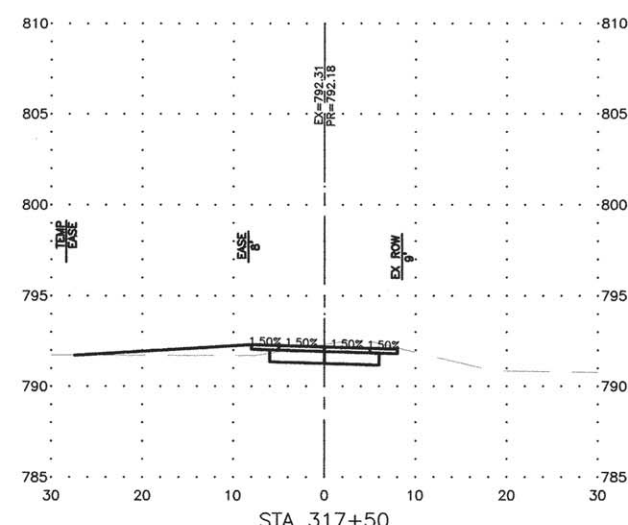
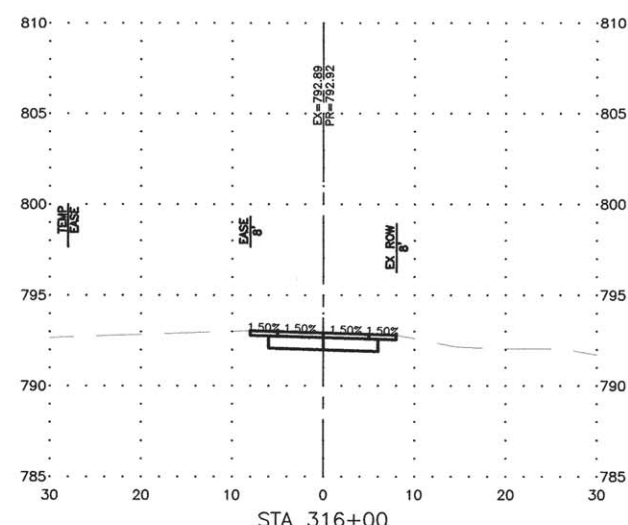
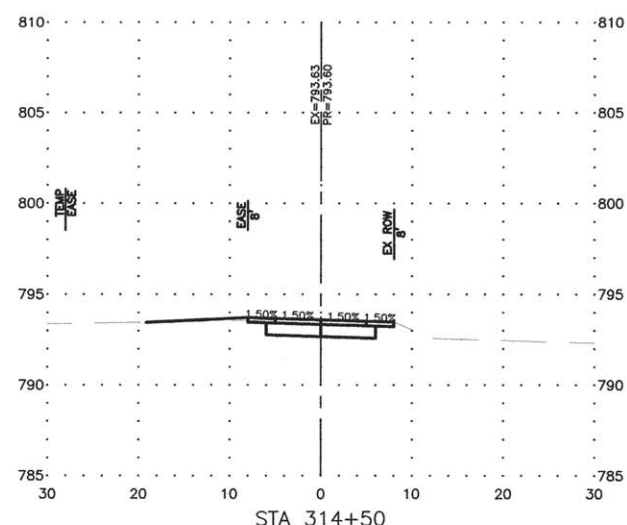
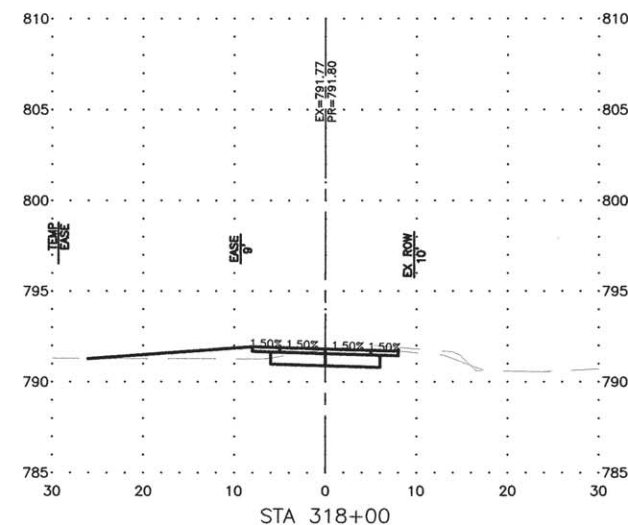
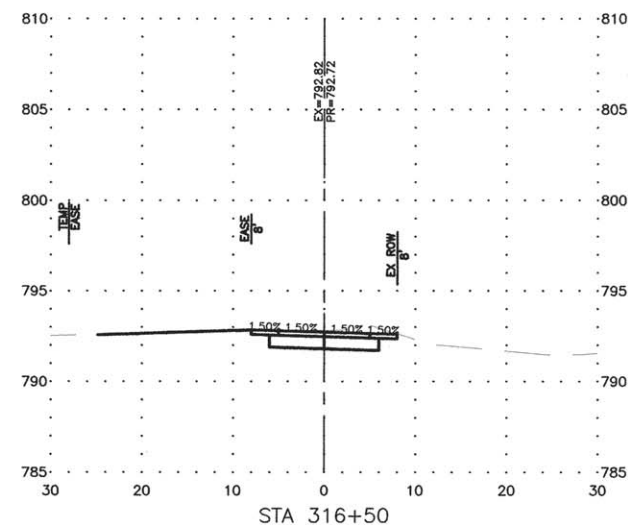
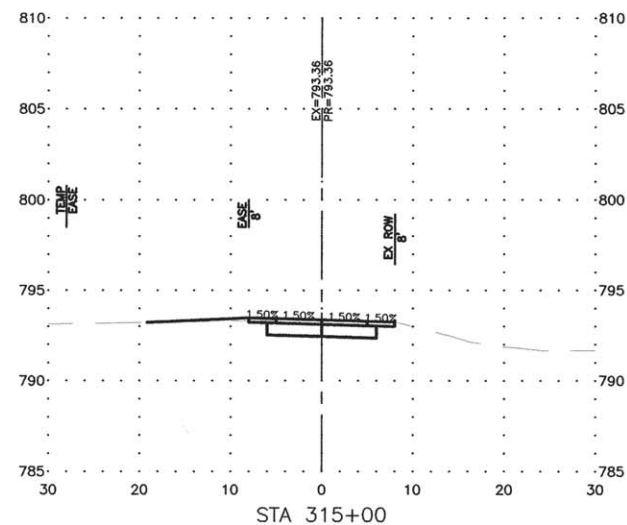
DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

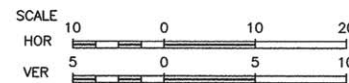
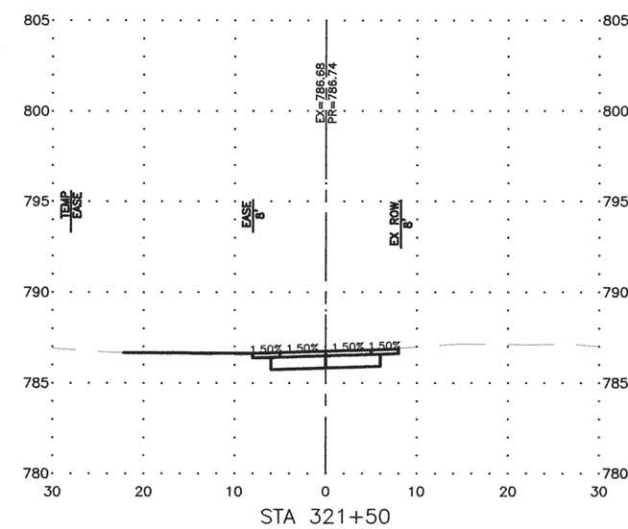
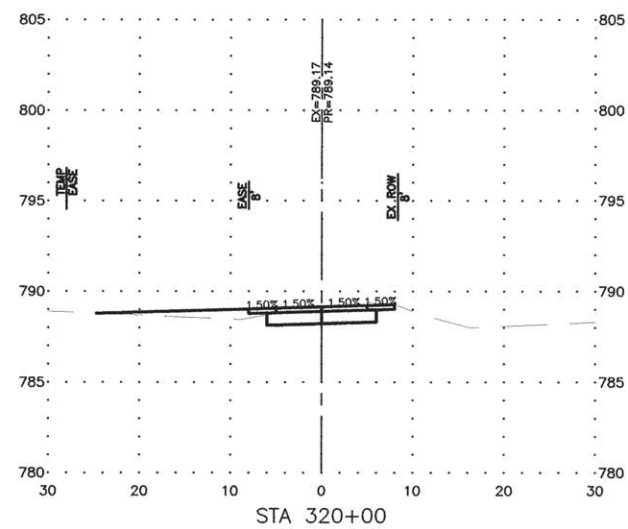
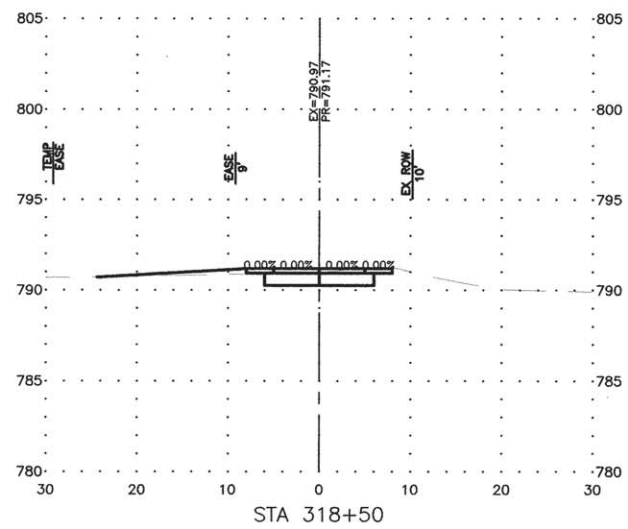
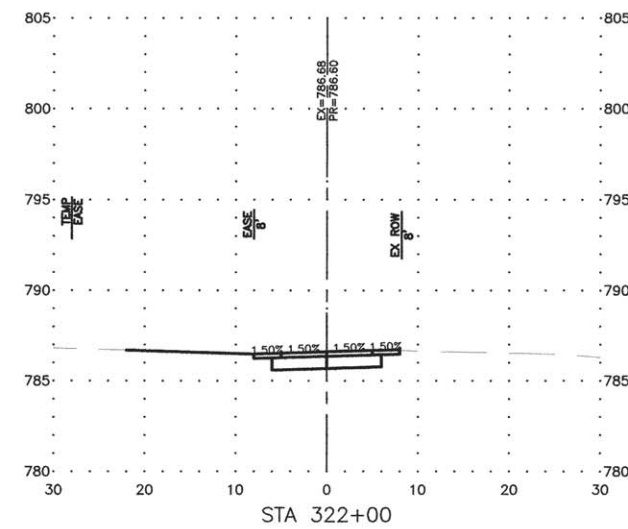
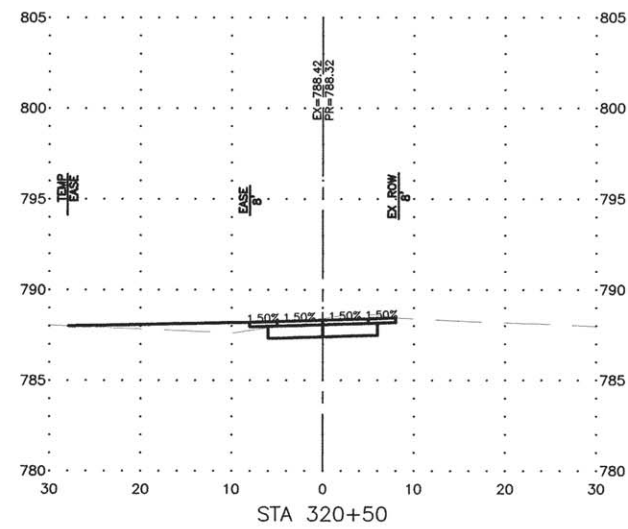
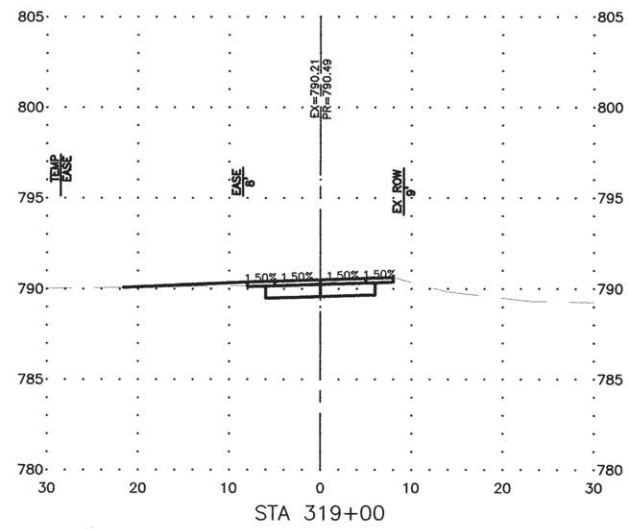
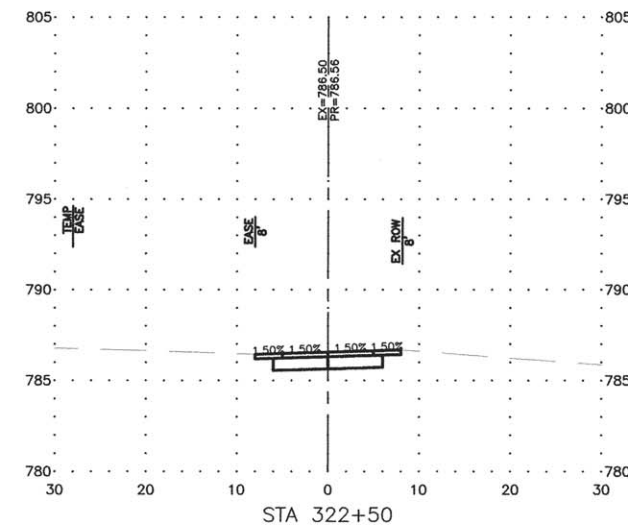
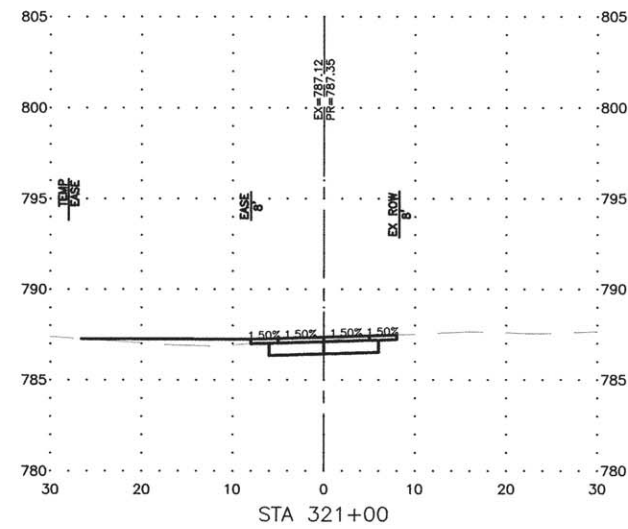
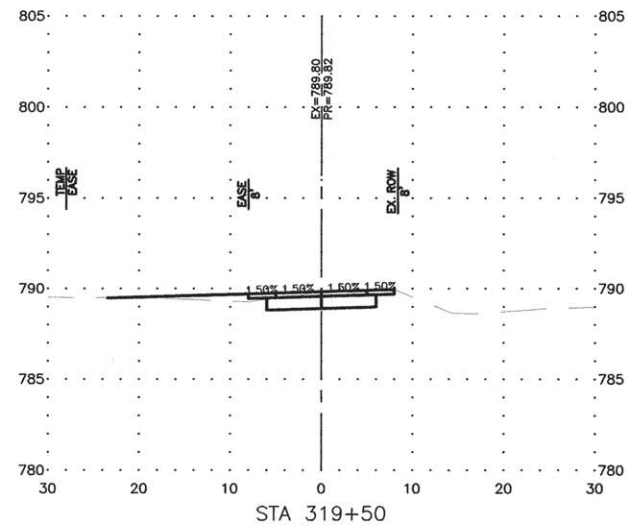
DRAWING:
 SHARED-USE PATH CROSS SECTIONS

JOB NUMBER:
 13-285

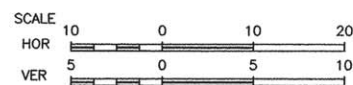
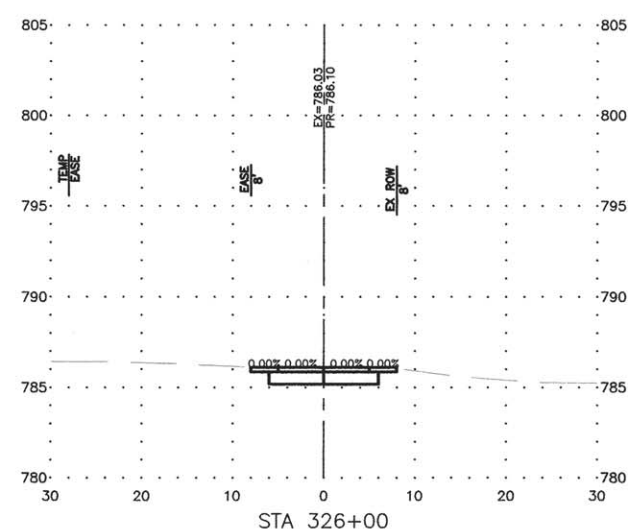
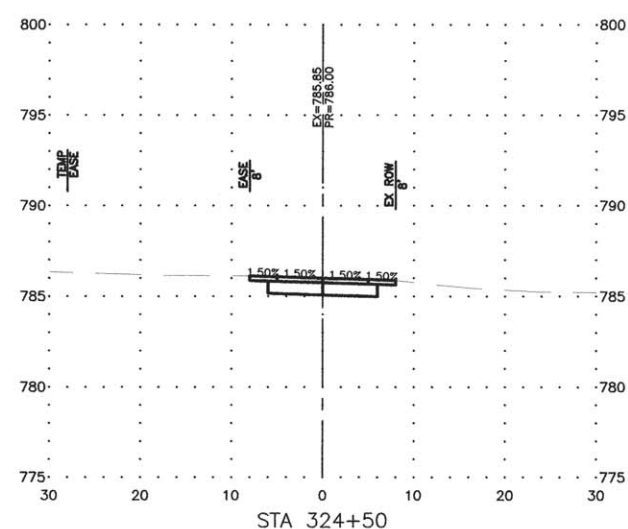
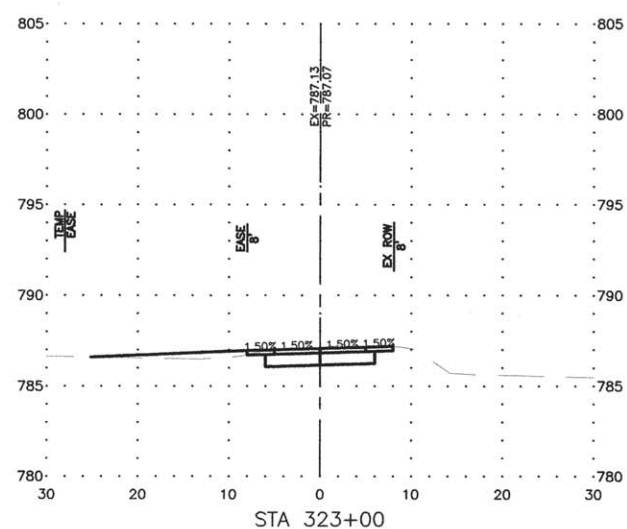
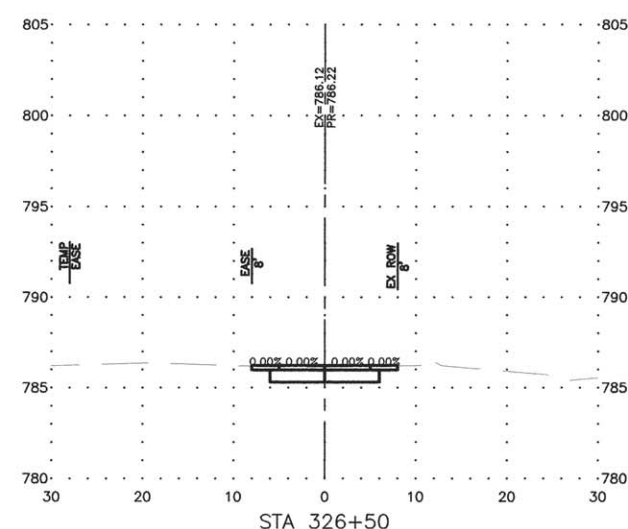
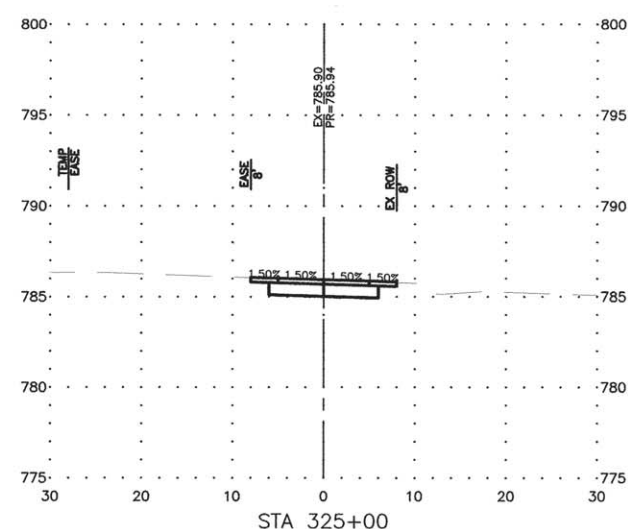
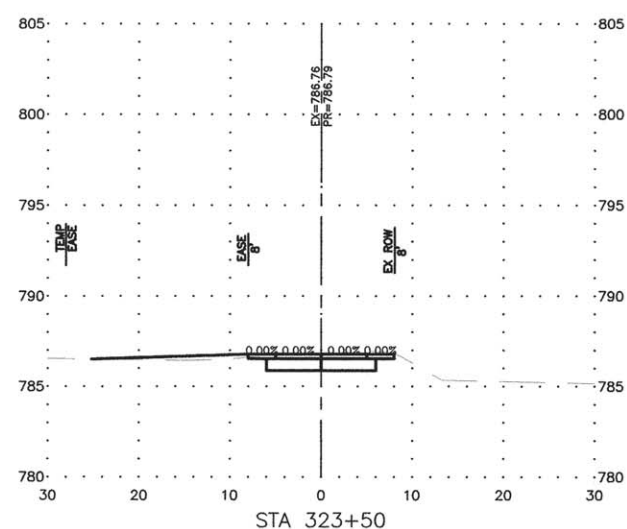
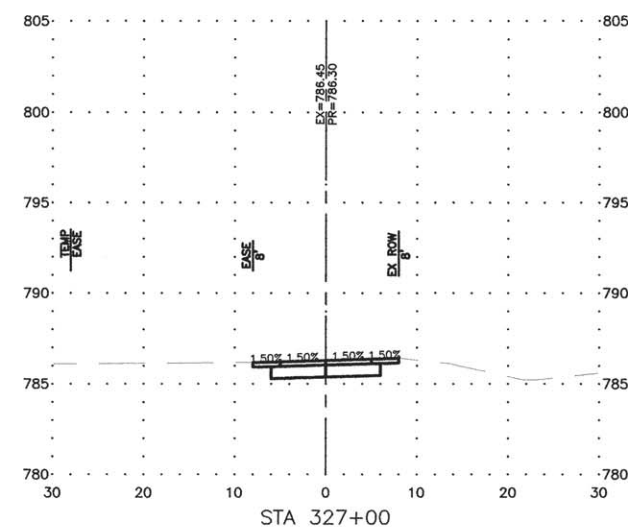
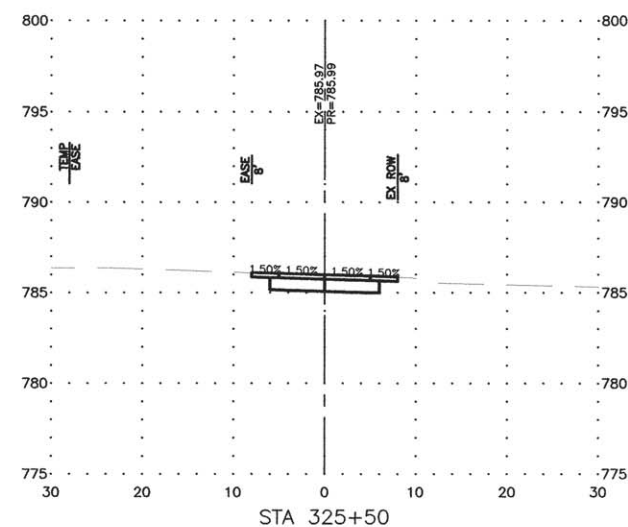
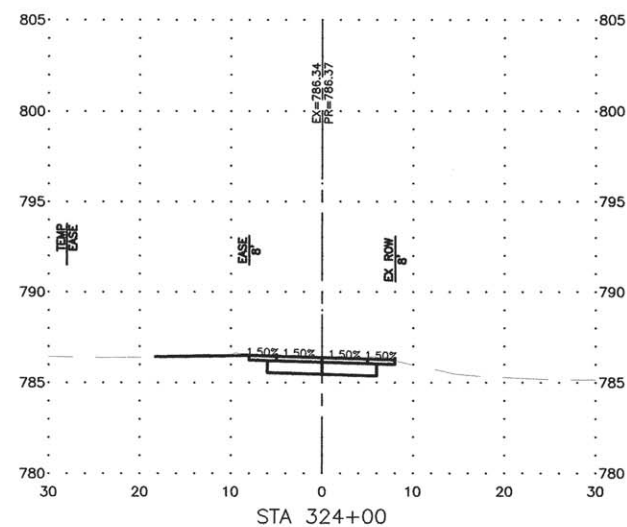
SHEET NUMBER:
 29 of 54



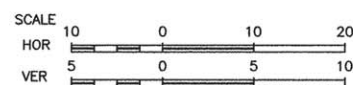
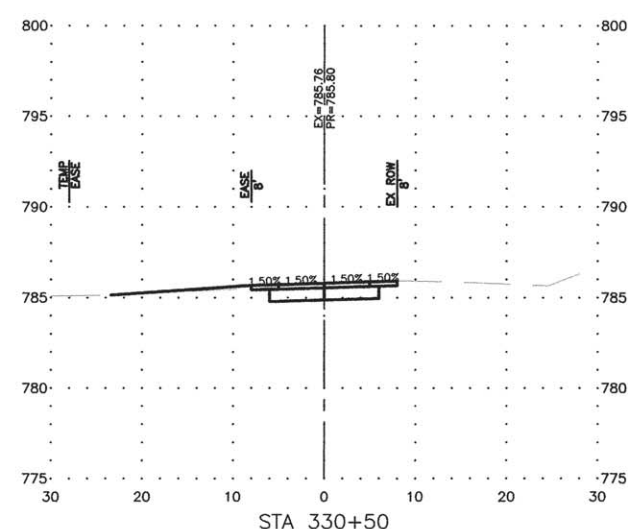
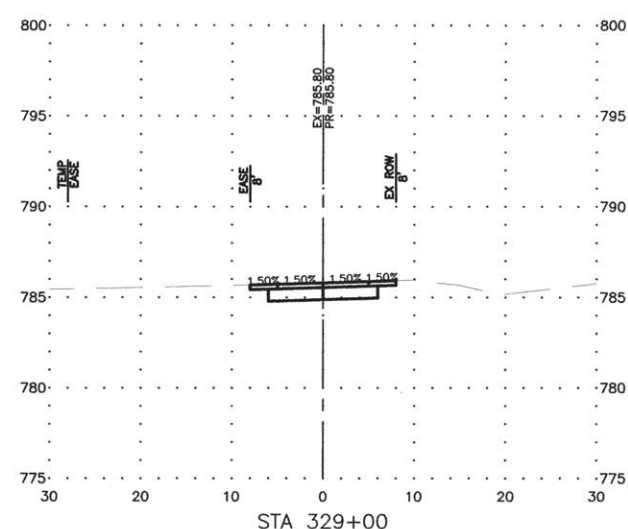
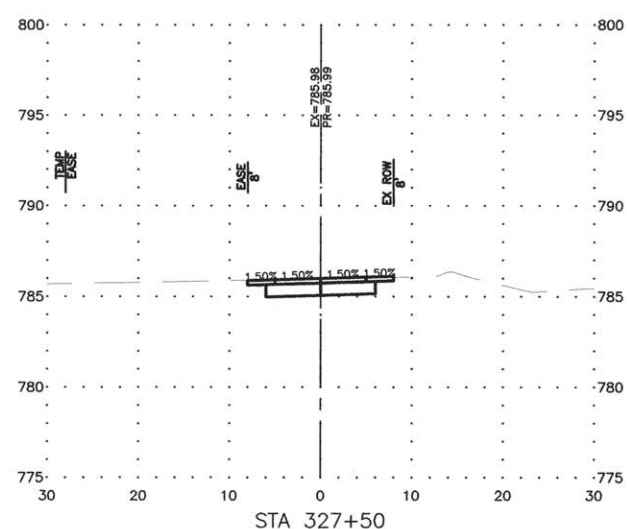
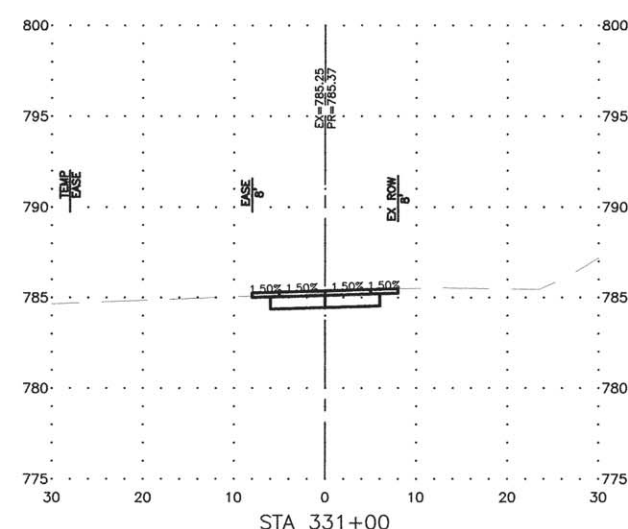
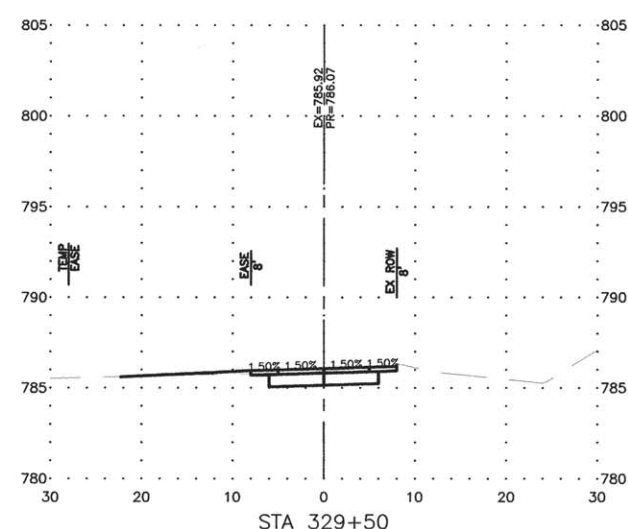
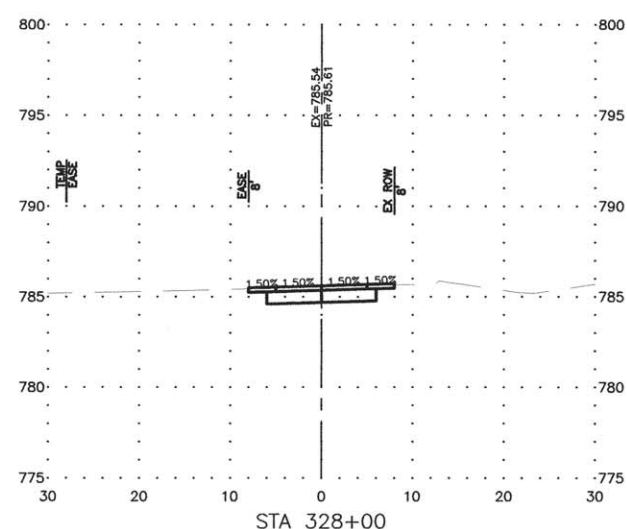
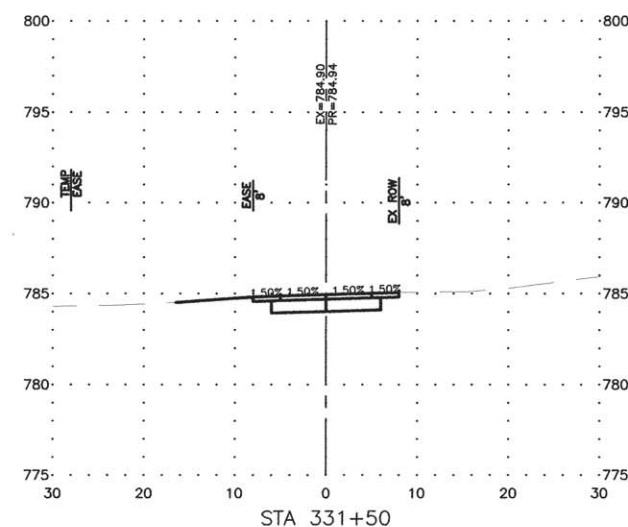
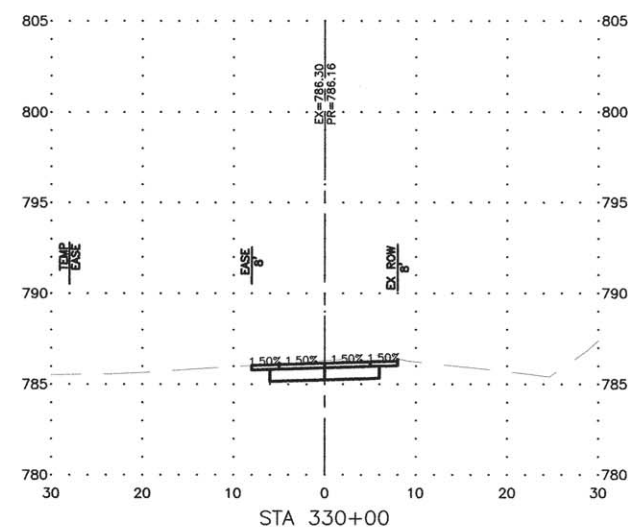
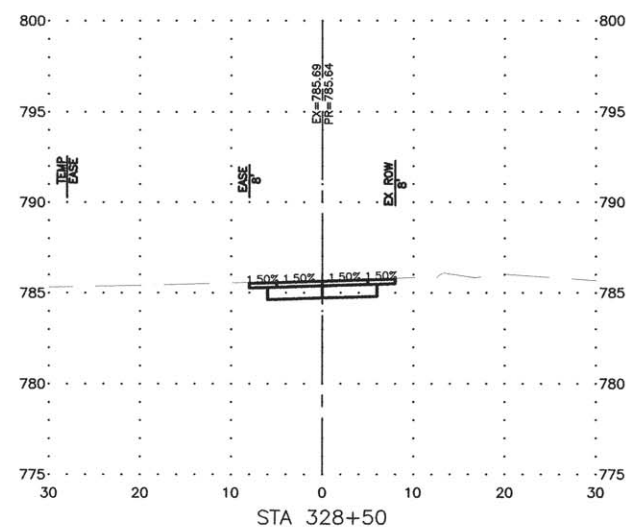
REVISIONS		
REV. NO.	DESCRIPTION	DATE



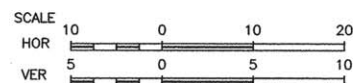
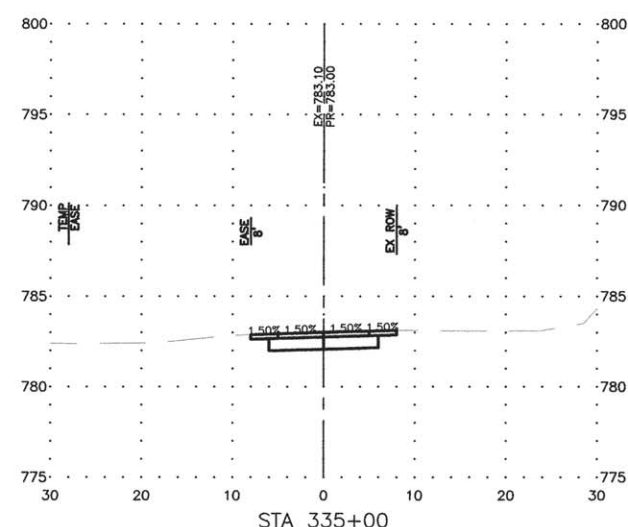
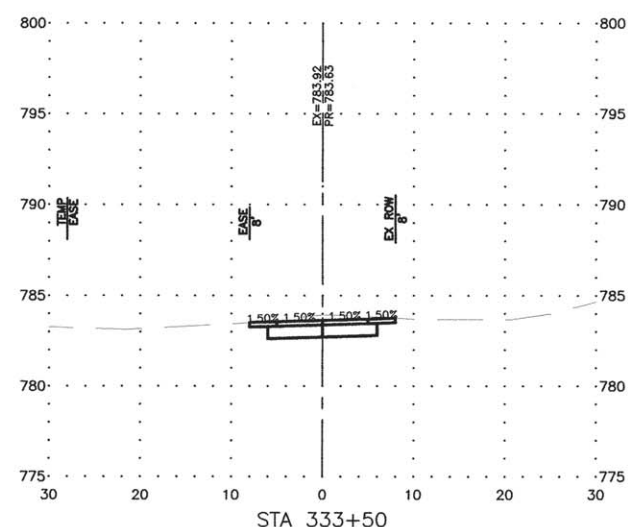
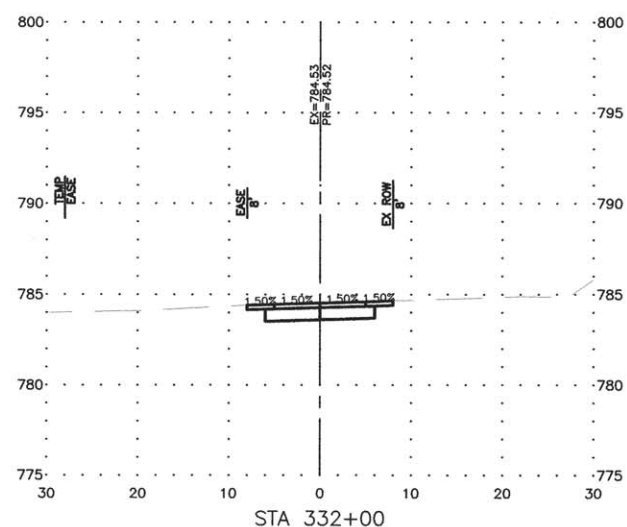
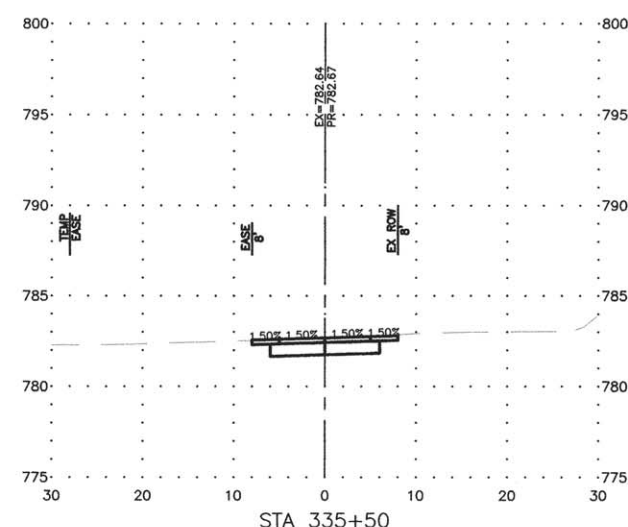
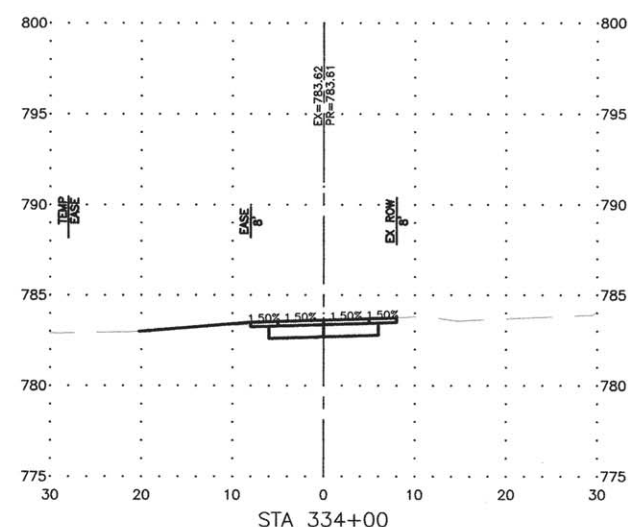
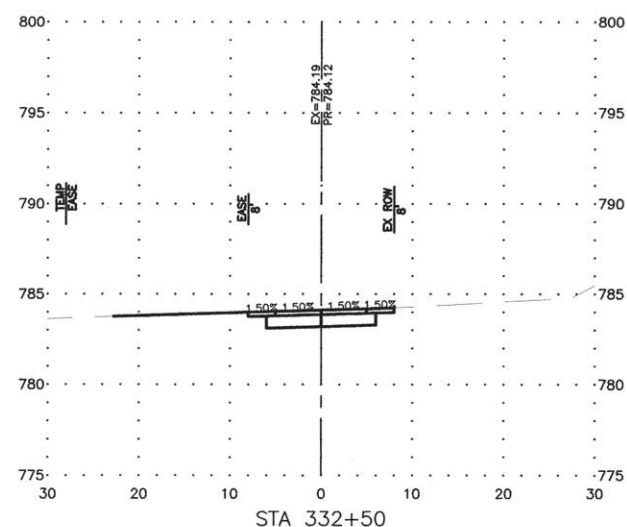
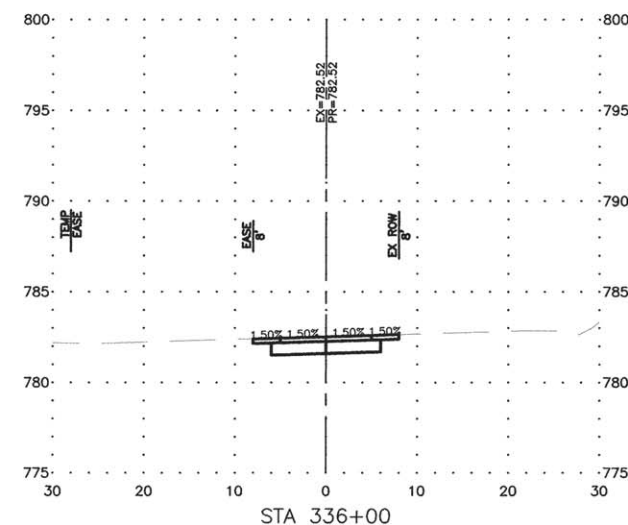
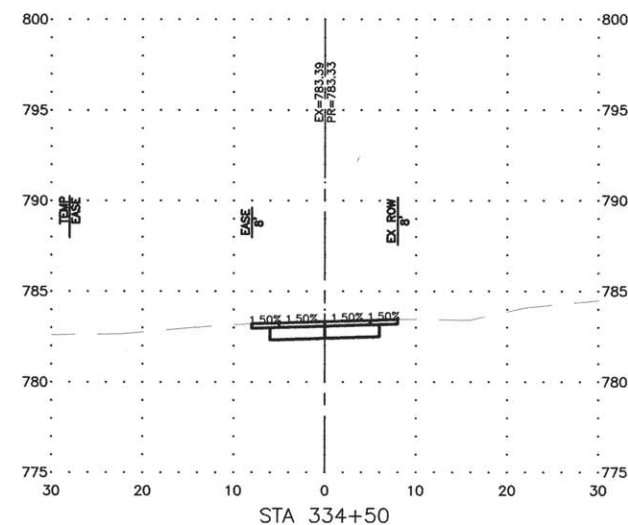
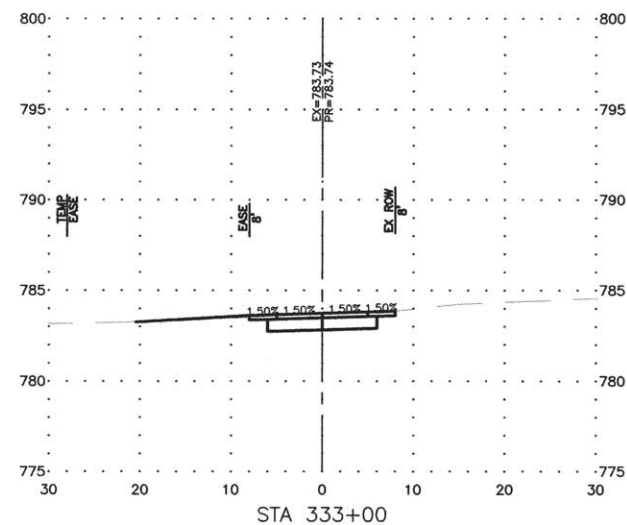
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REV. NO.	DESCRIPTION	DATE



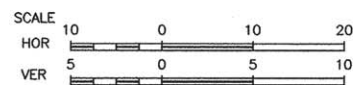
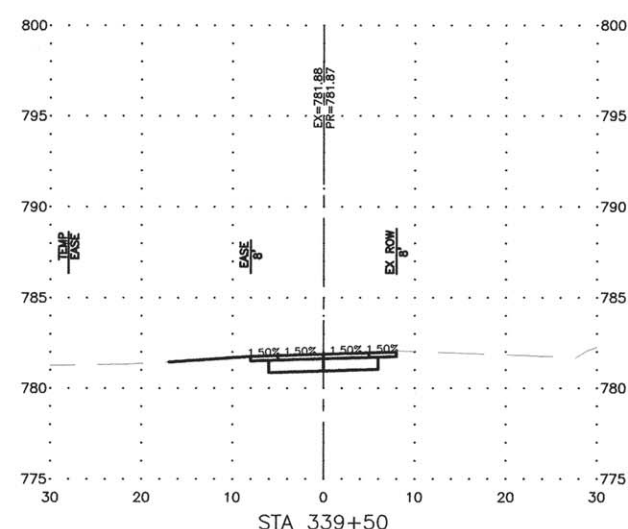
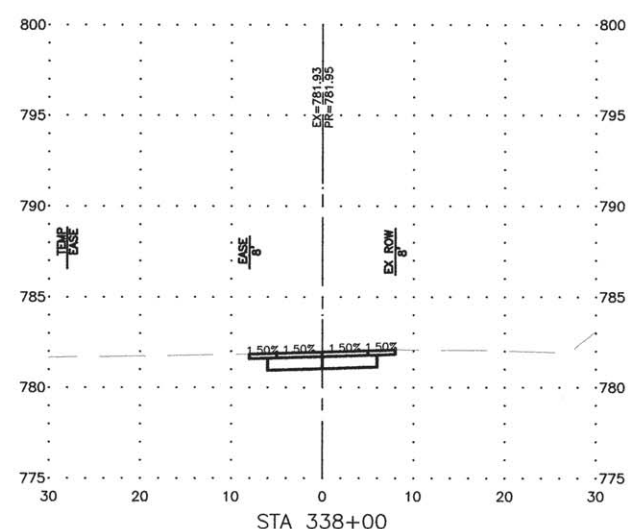
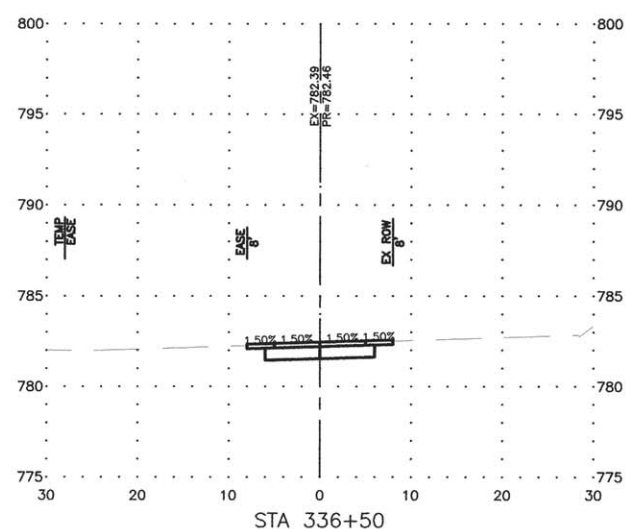
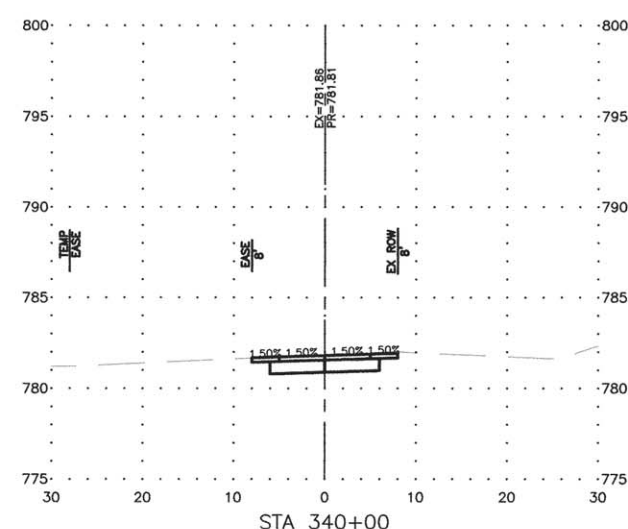
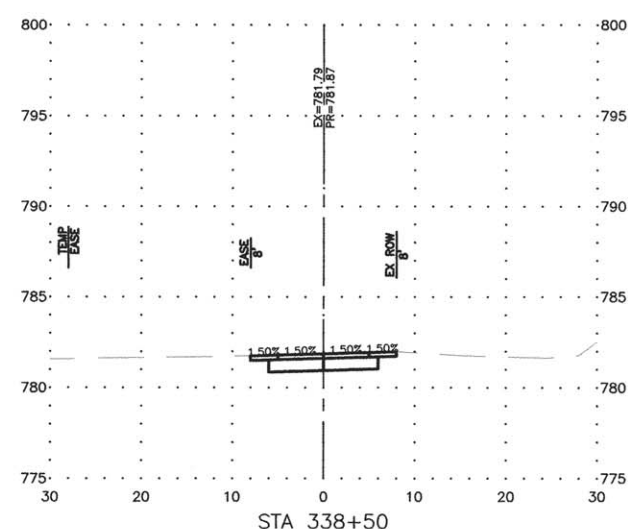
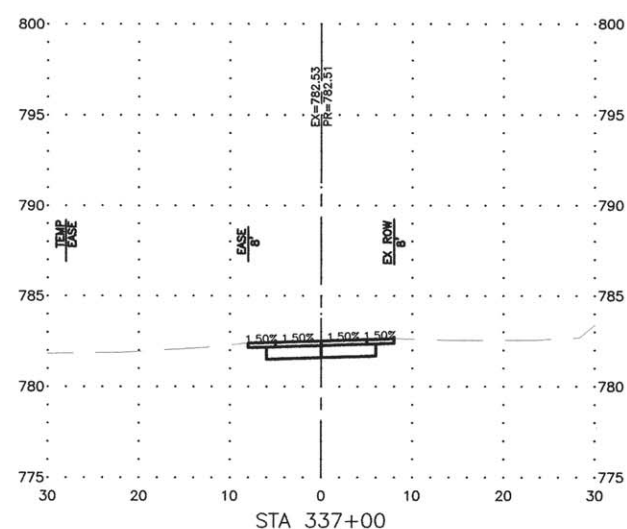
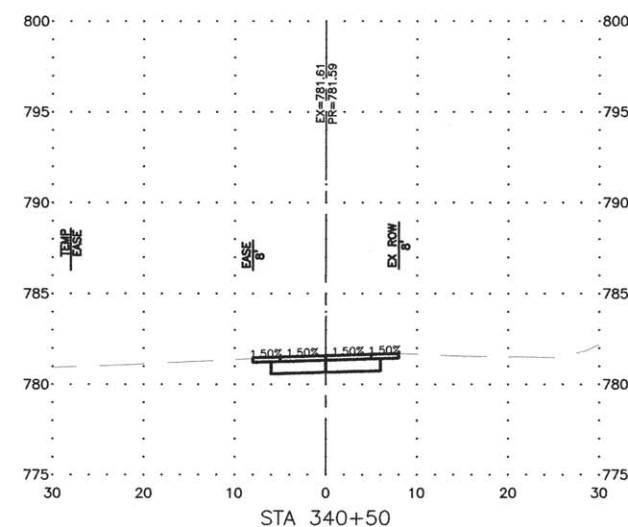
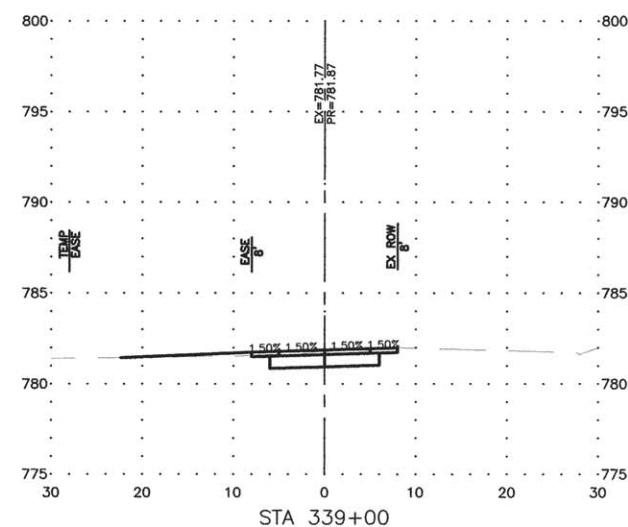
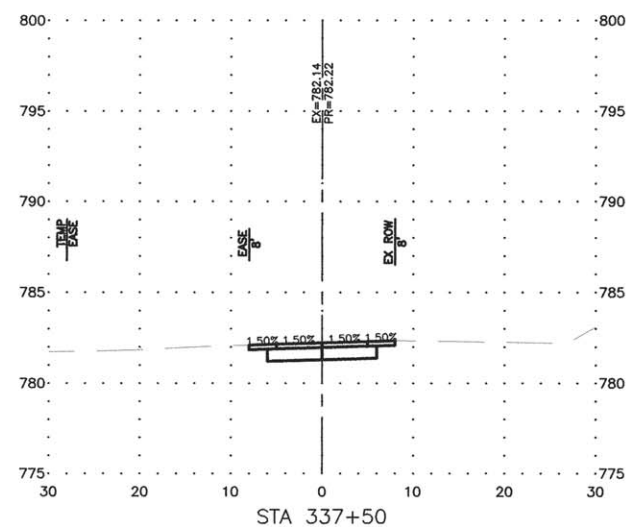
REVISIONS		
REV. NO.	DESCRIPTION	DATE



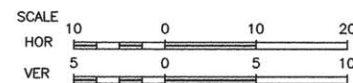
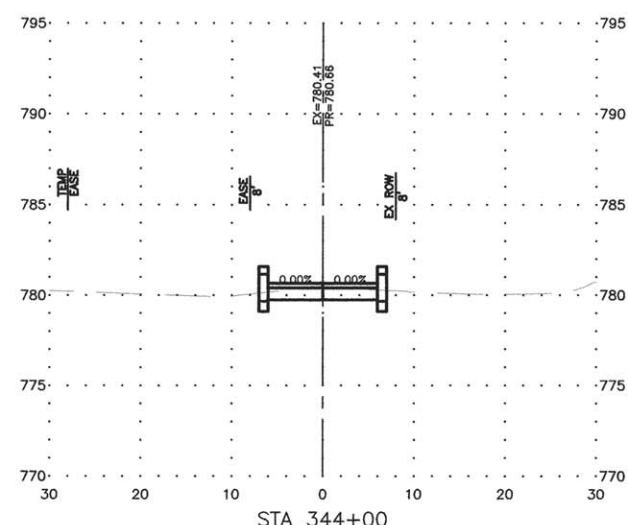
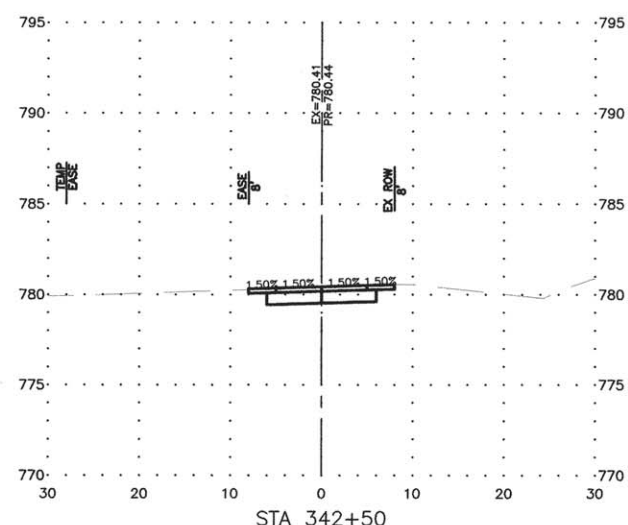
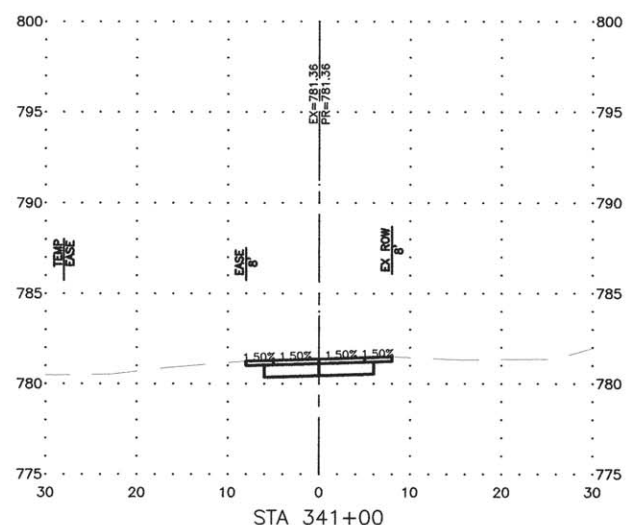
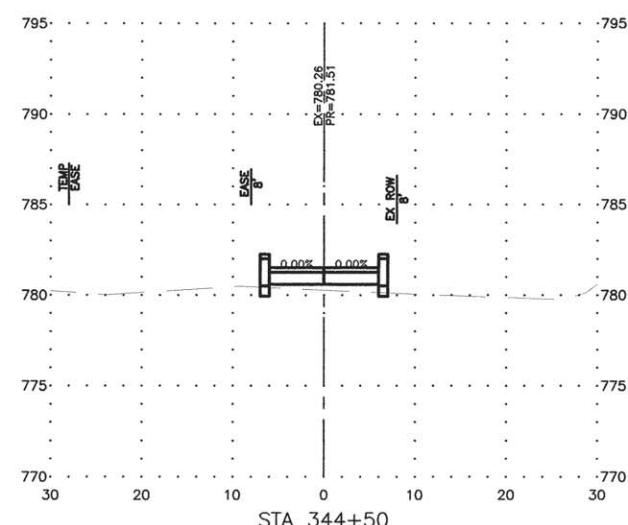
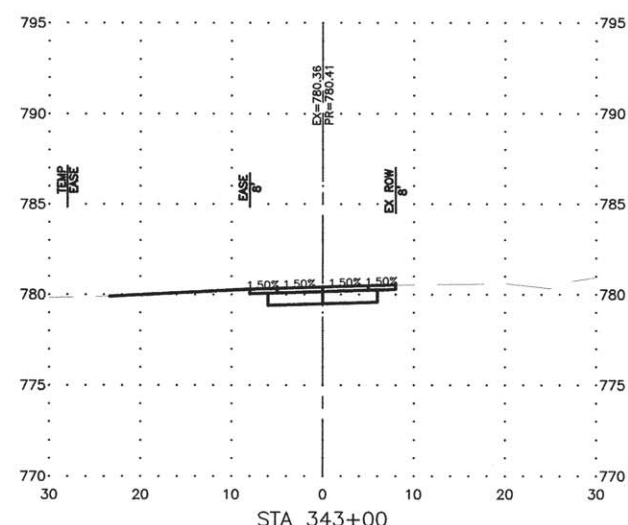
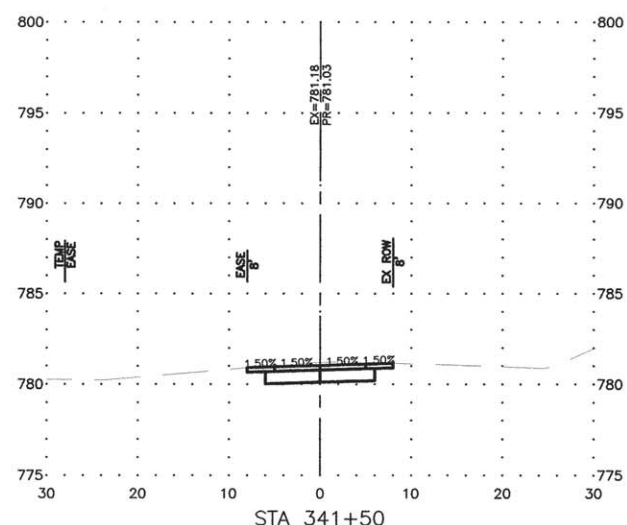
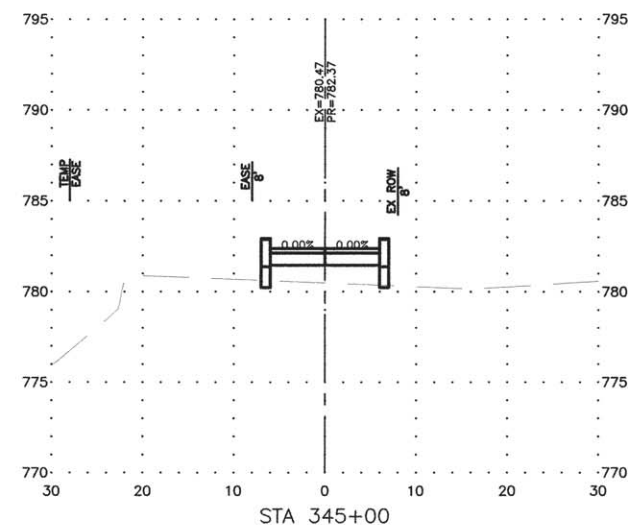
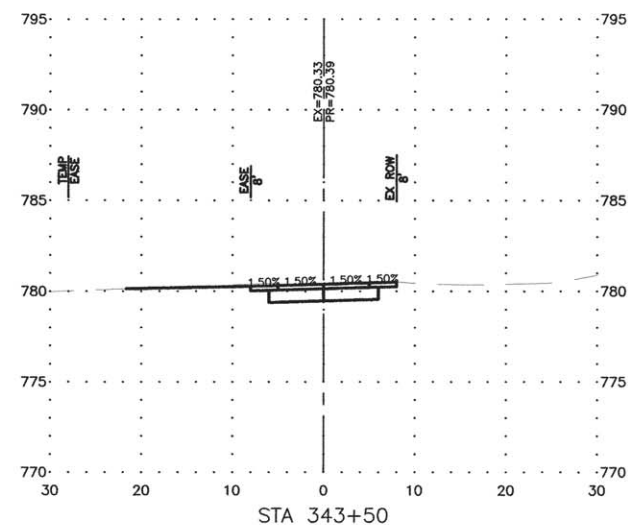
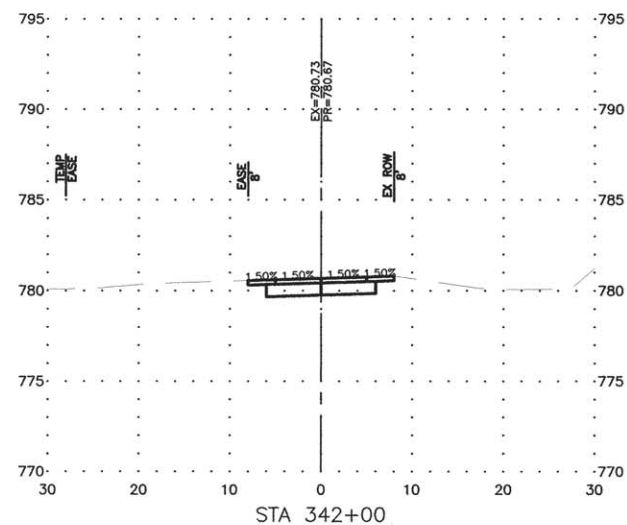
REVISIONS		
REV. NO.	DESCRIPTION	DATE



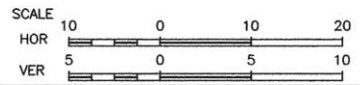
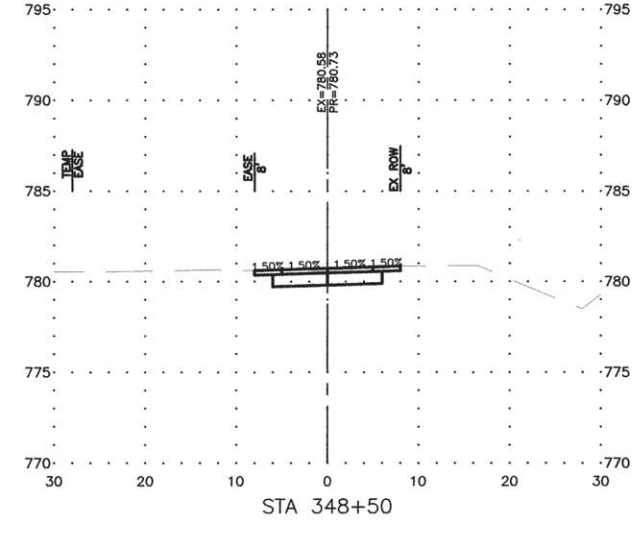
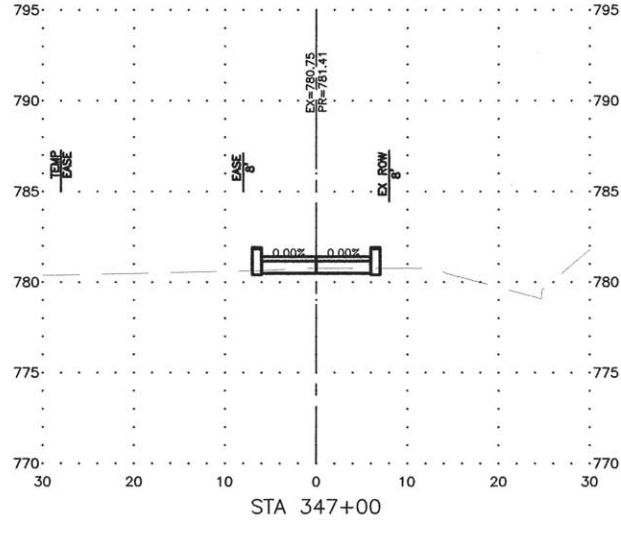
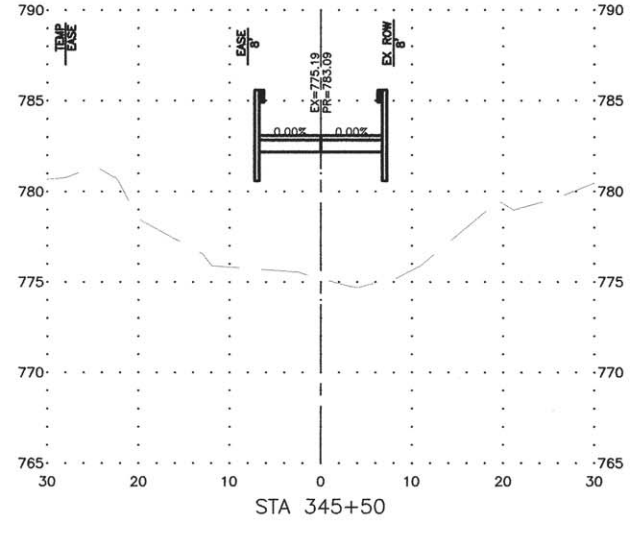
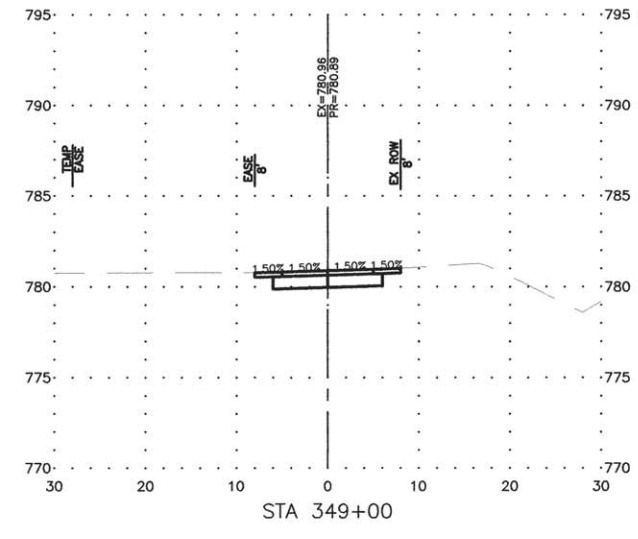
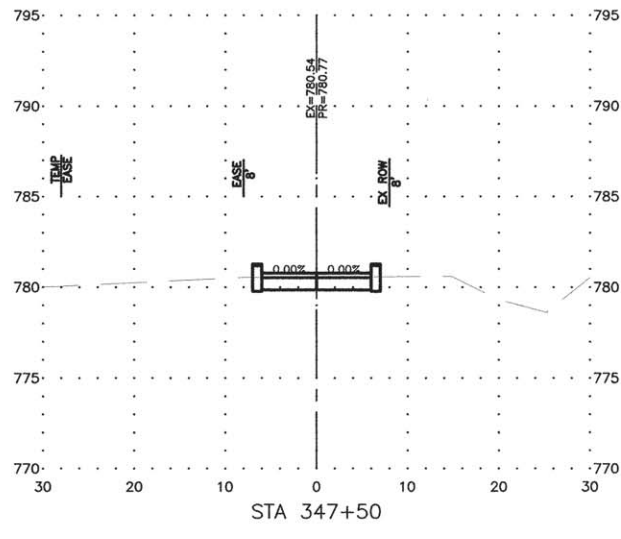
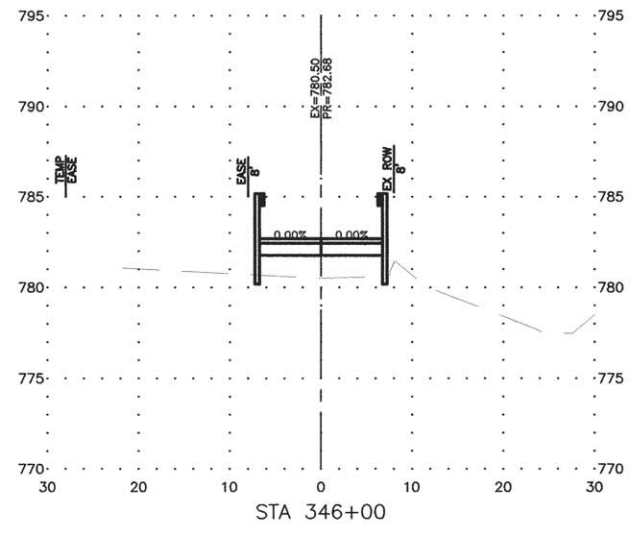
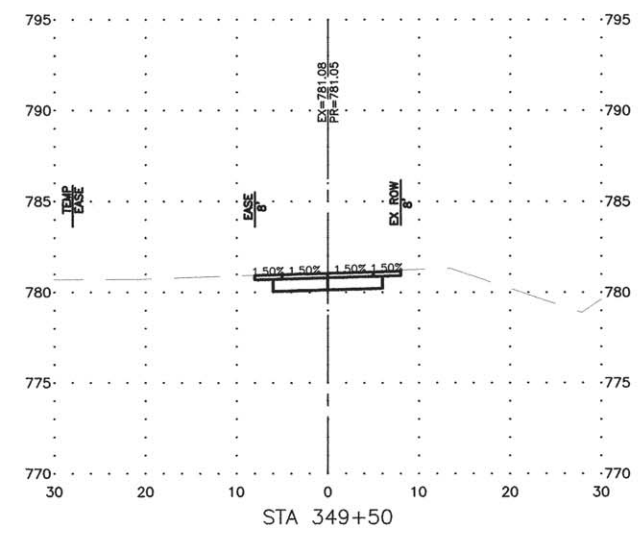
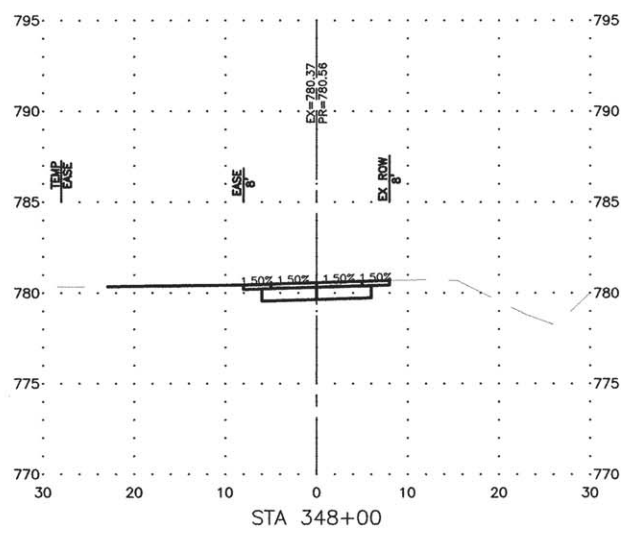
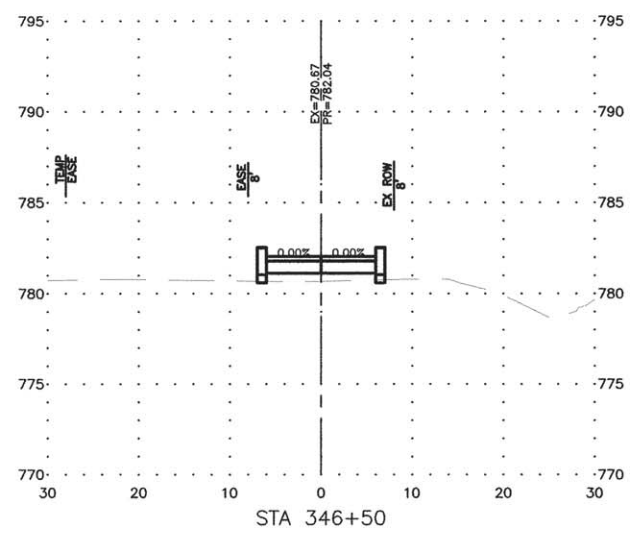
REVISIONS		
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REVISIONS		
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REV. NO.	DESCRIPTION	DATE



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 ILLINOIS DESIGN FIRM NO. 184-003525

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OWNER/DEVELOPER:
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

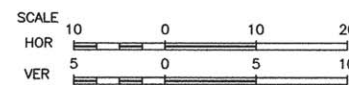
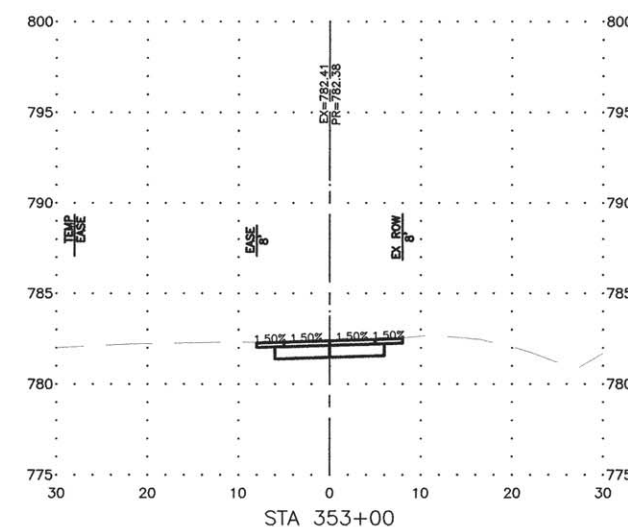
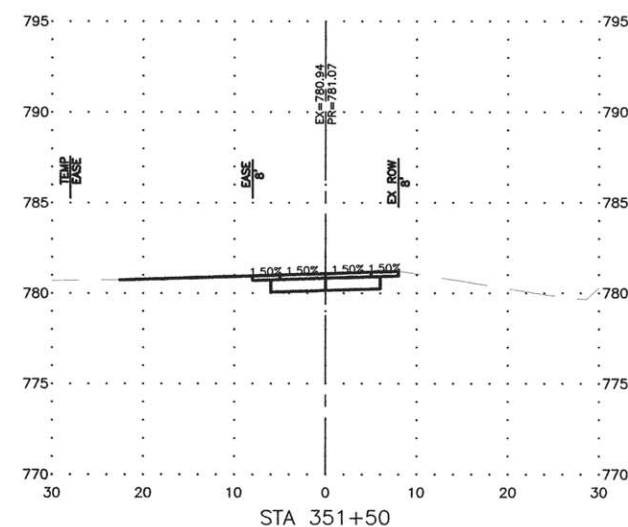
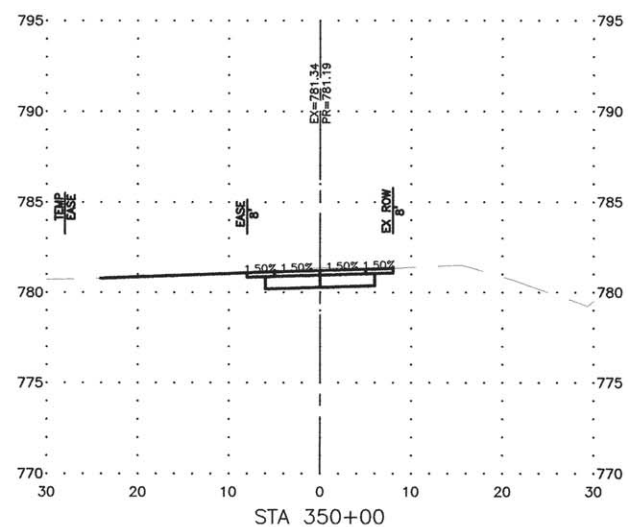
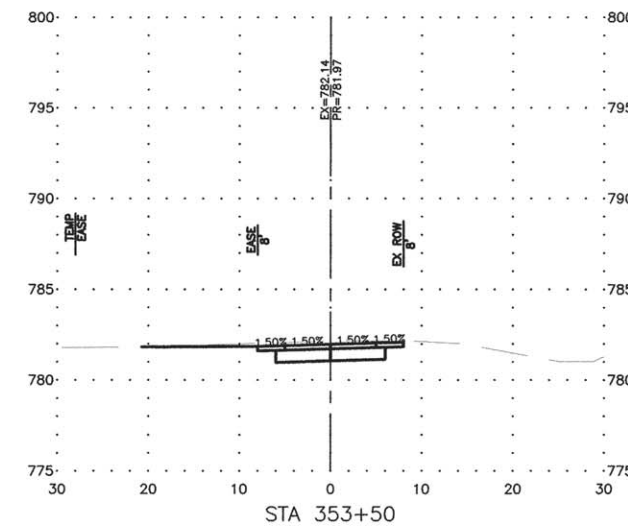
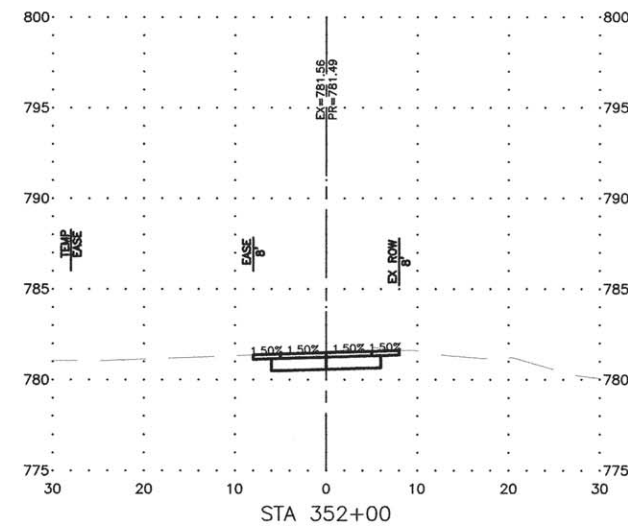
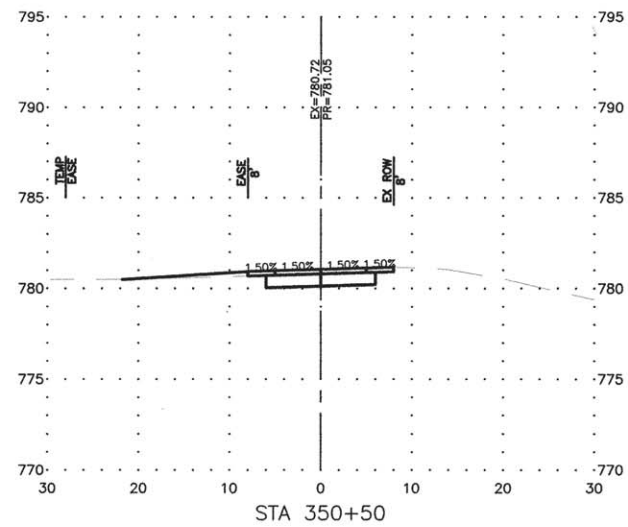
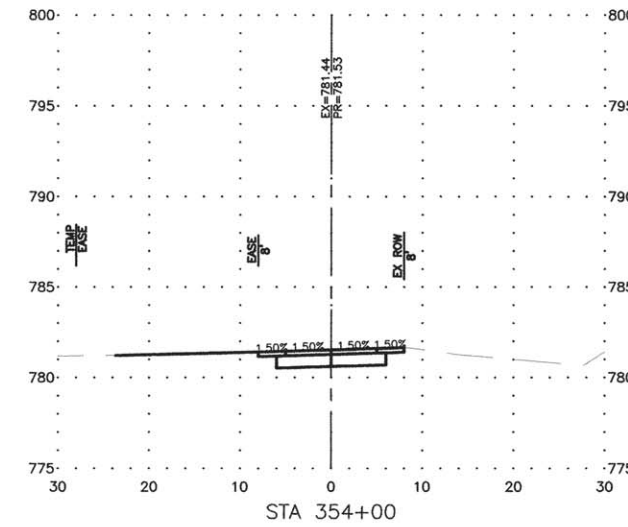
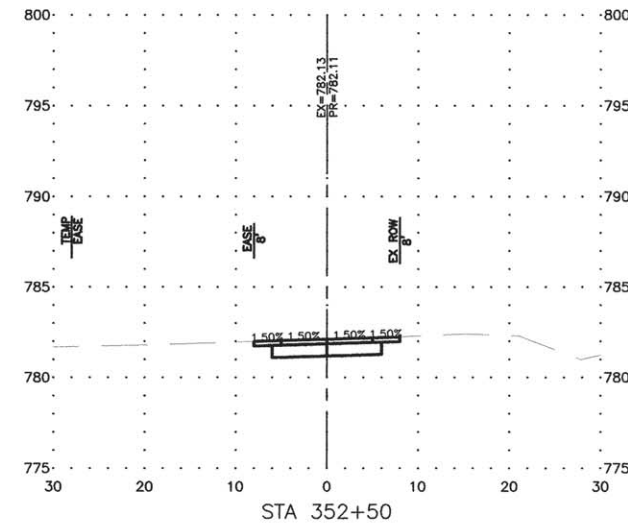
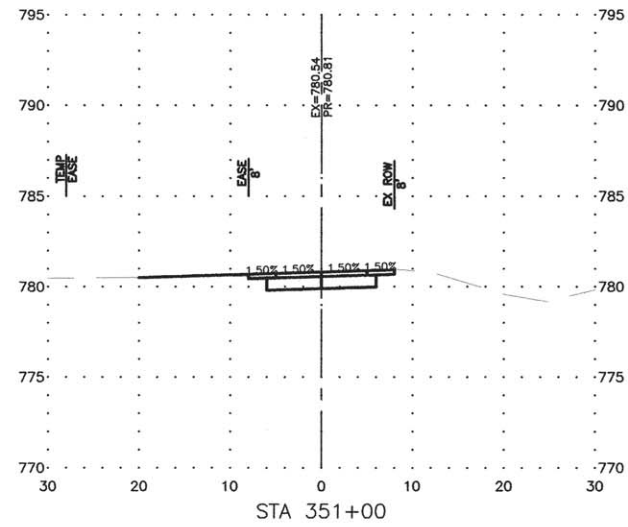
PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: AS NOTED

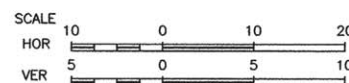
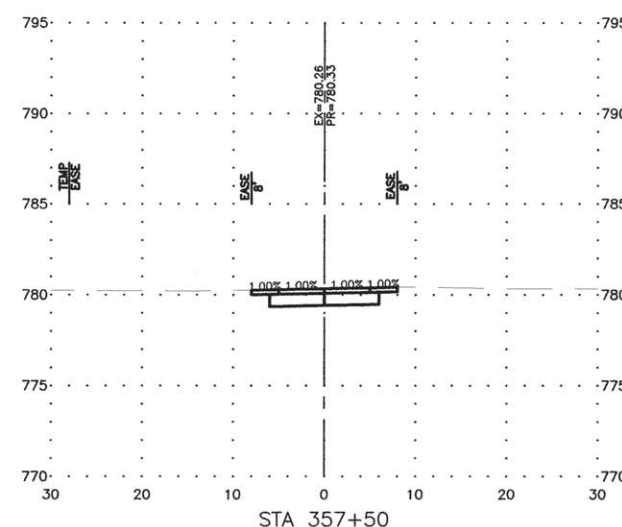
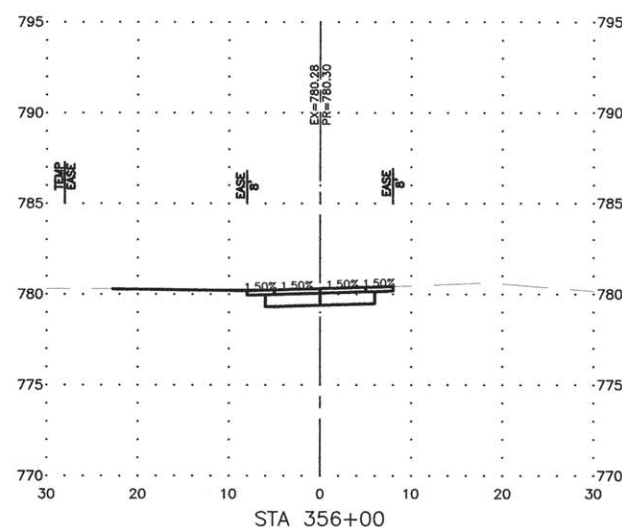
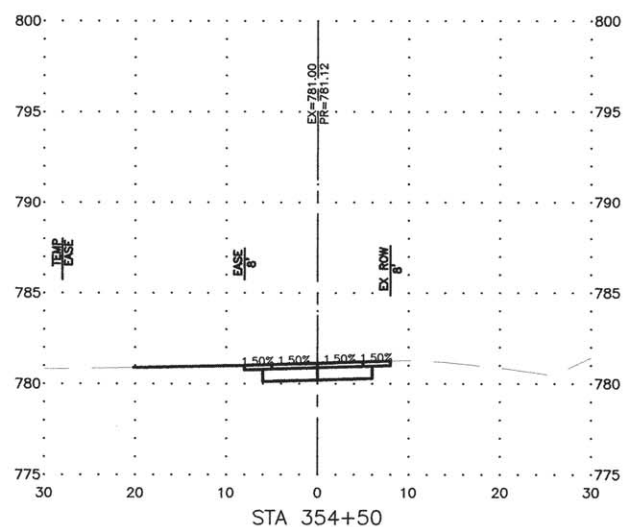
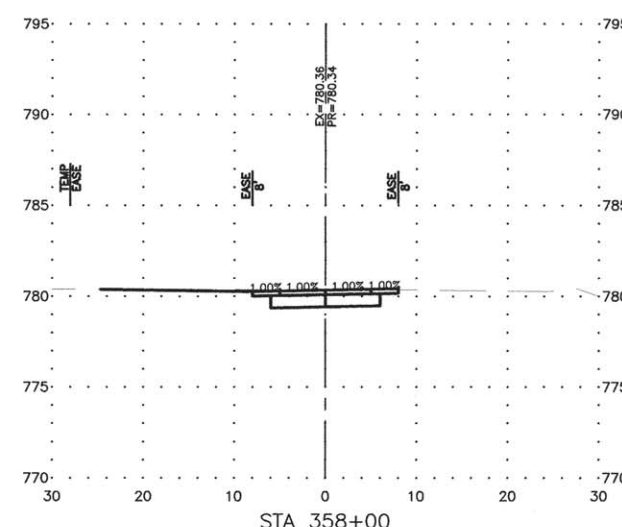
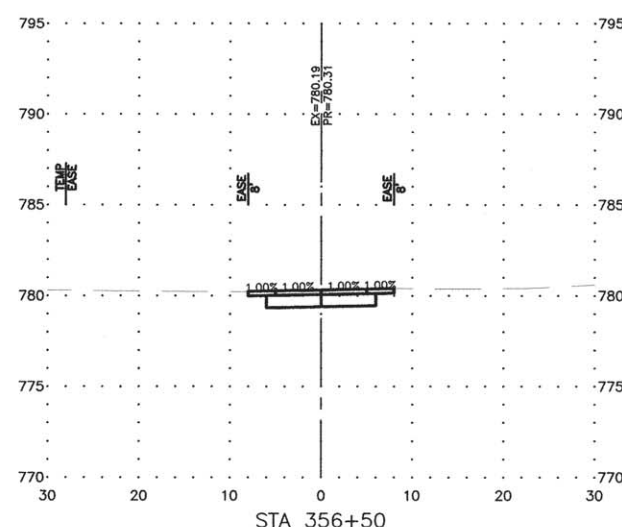
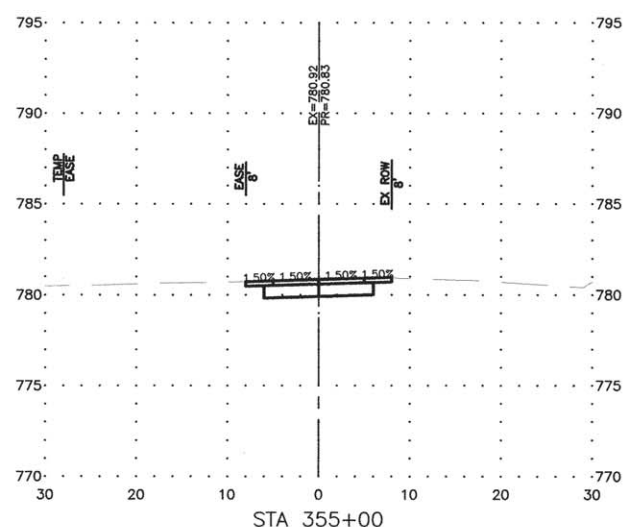
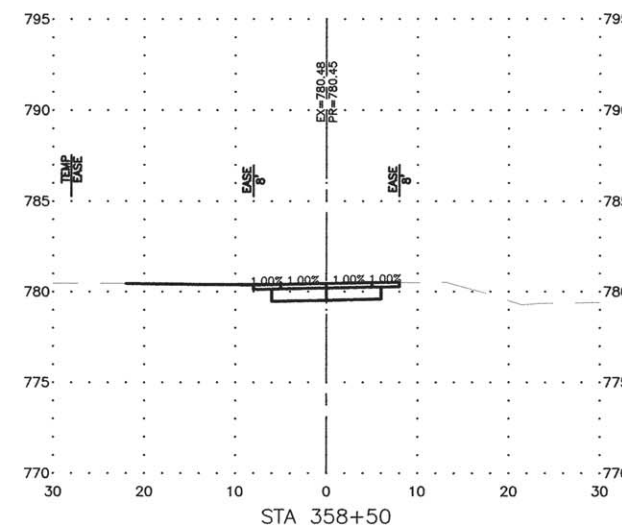
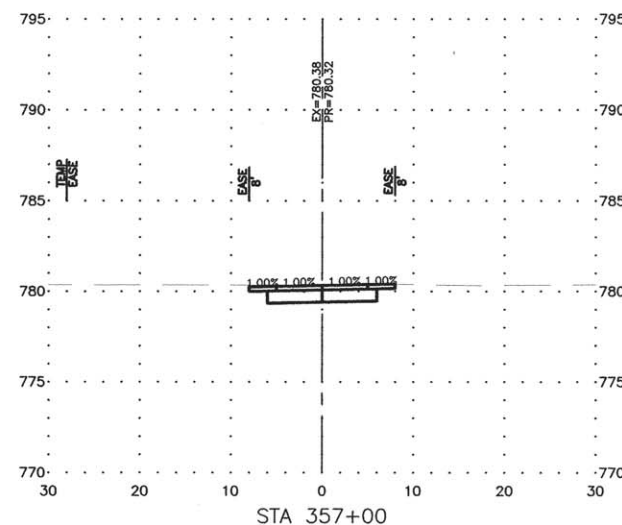
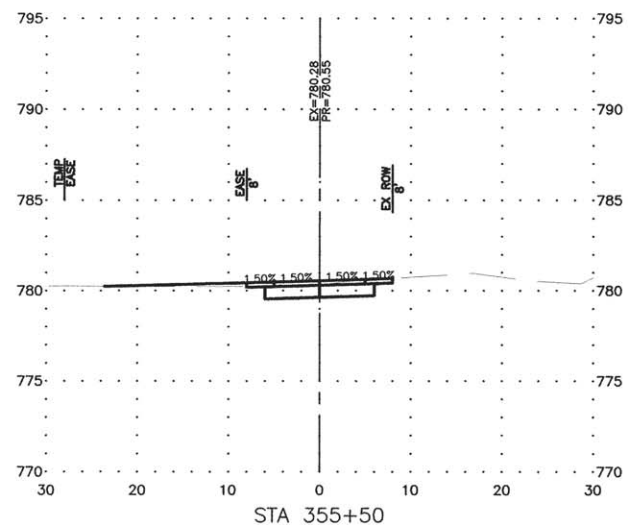
REVISIONS		
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DRAWING:
 SHARED-USE PATH CROSS SECTIONS

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 13-285
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REVISIONS		
REV. NO.	DESCRIPTION	DATE



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OWNER/DEVELOPER:
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 735 N. 2ND STREET
 ROCHELLE, IL 61068

PROJECT AND LOCATION:
 ROCHELLE BIKE RACC II
 SECTION 13-P4000-00-BT
 PROJECT TE-00D2(153)
 JOB C-92-004-14

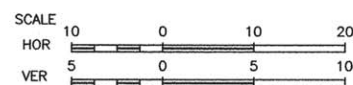
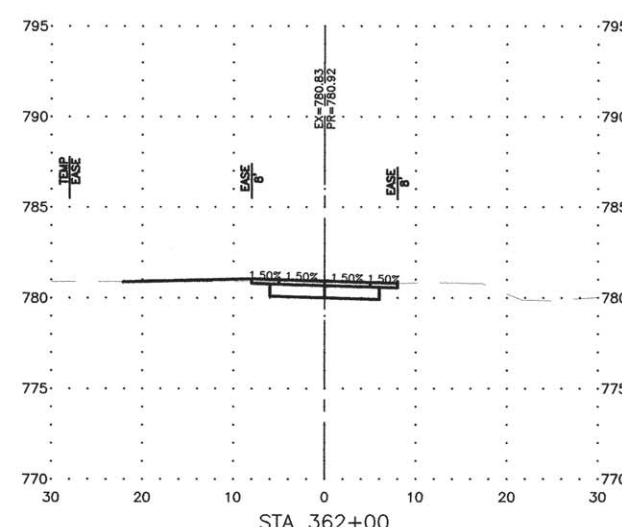
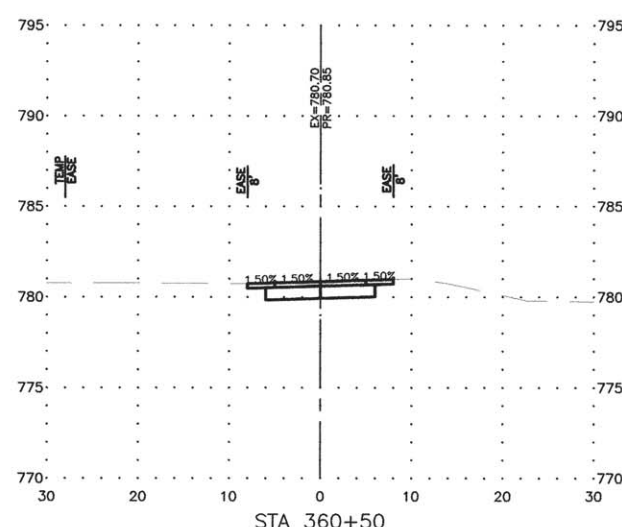
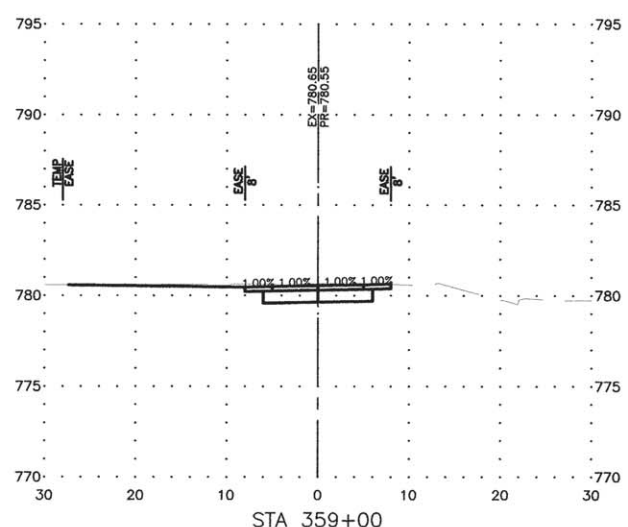
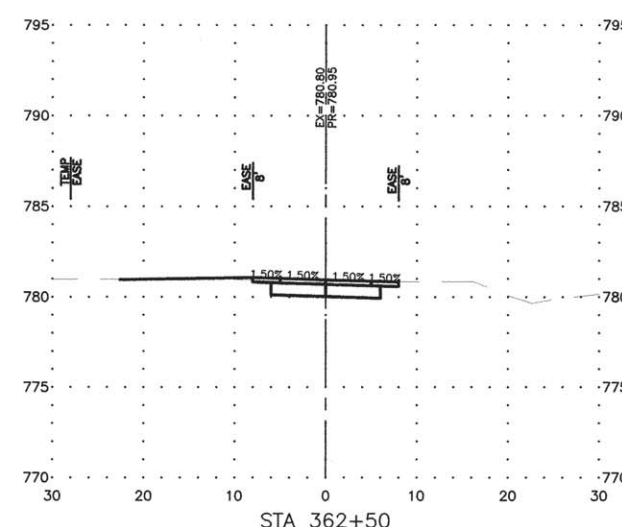
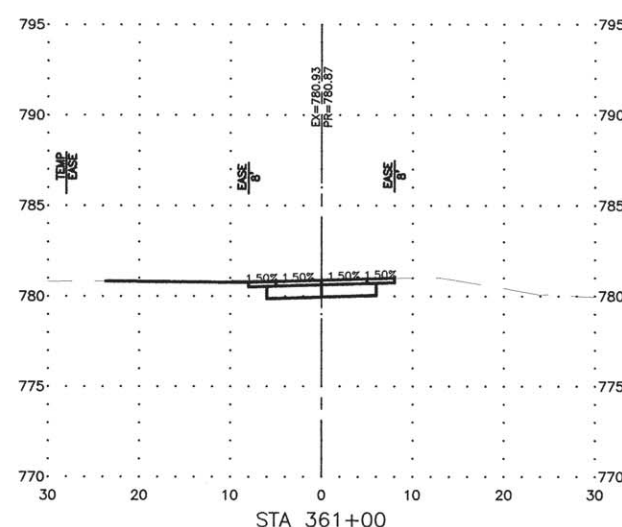
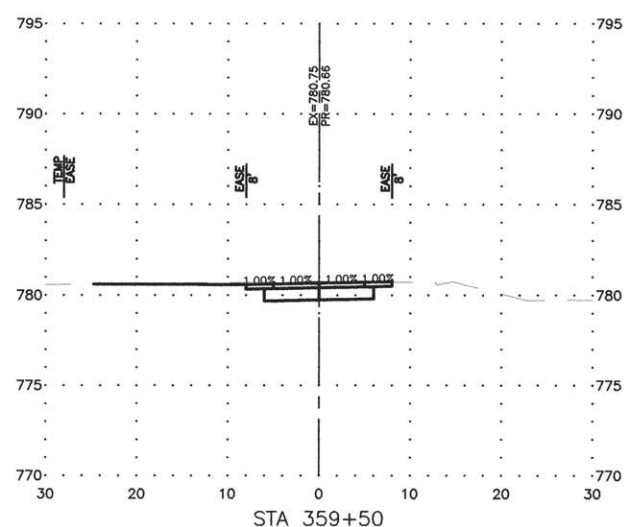
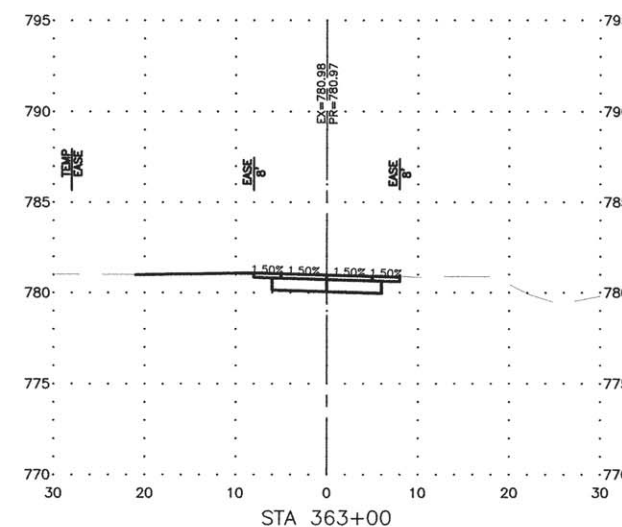
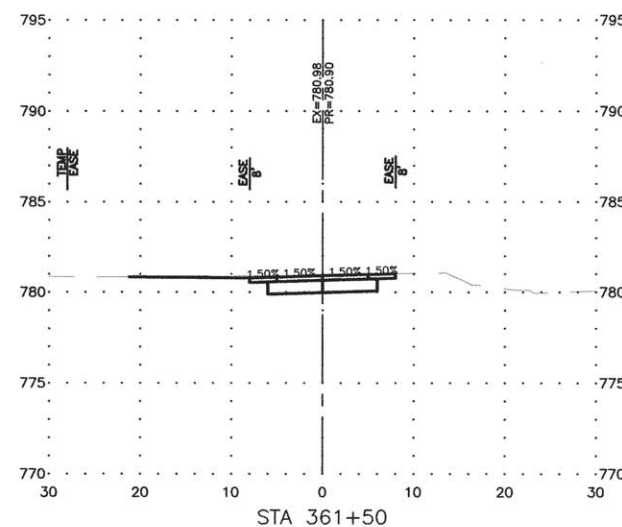
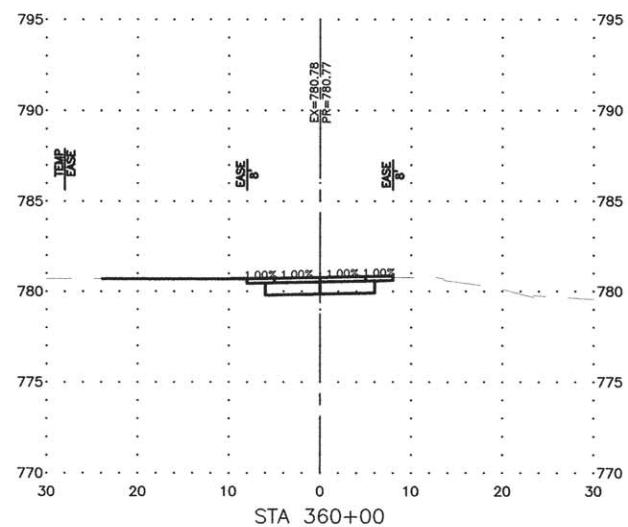
DRAWN BY: YJ
 APPROVED BY: SLO
 DATE: 09/30/13
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

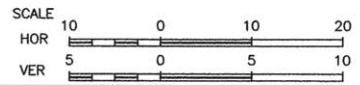
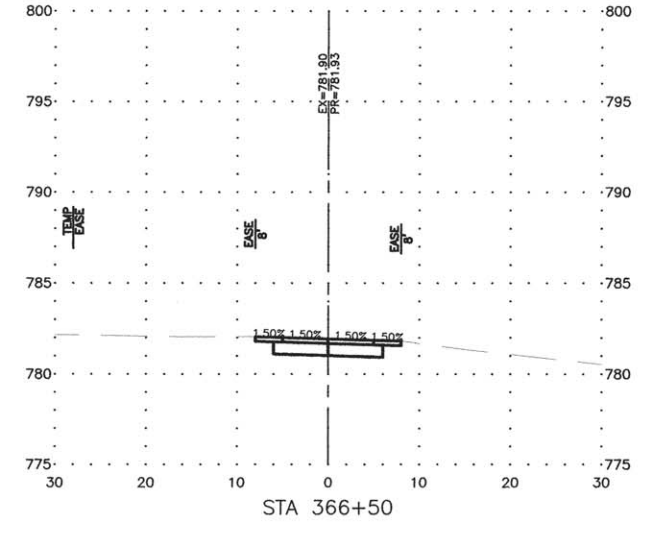
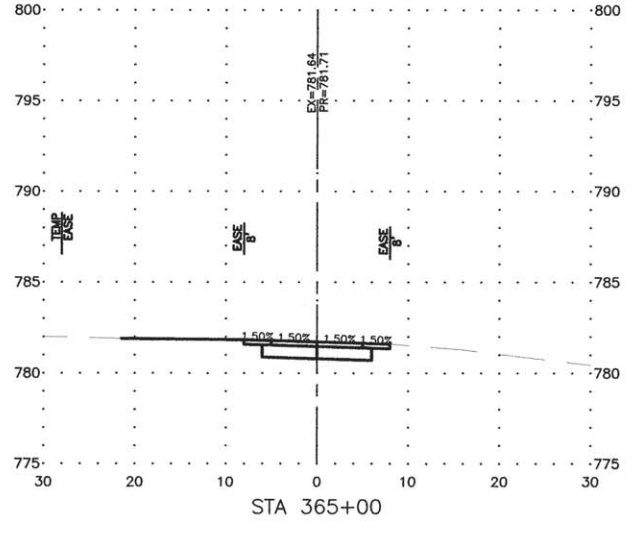
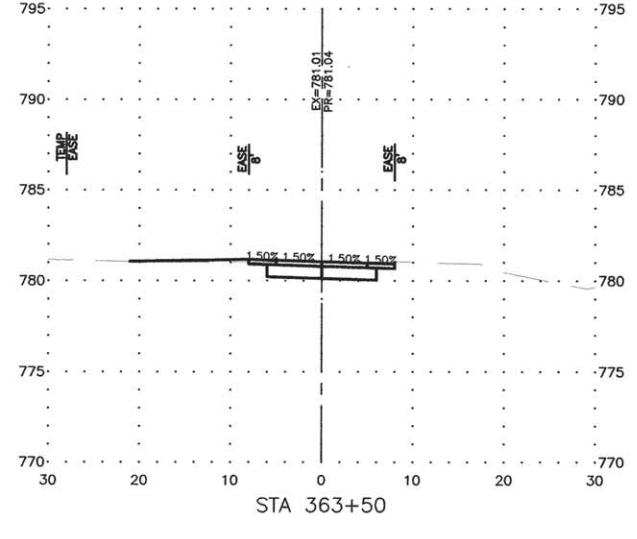
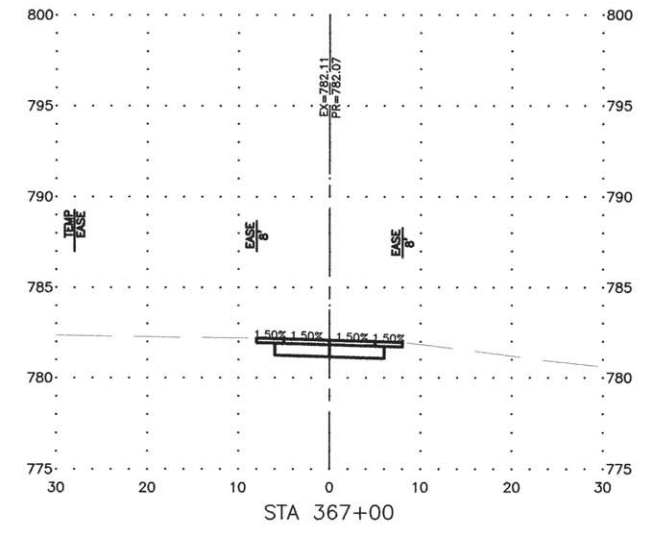
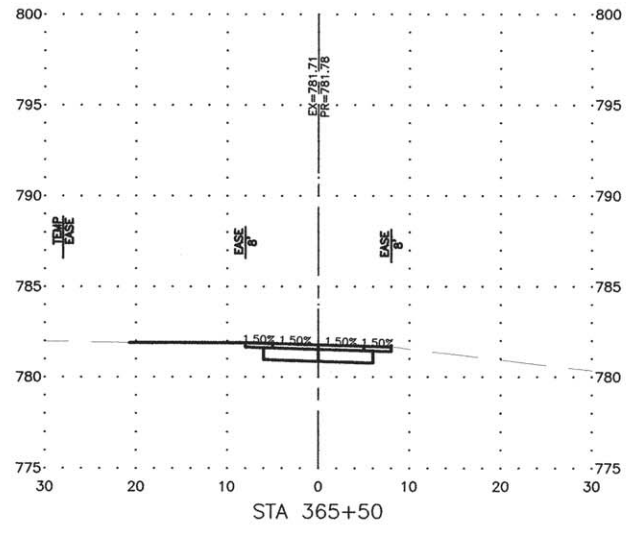
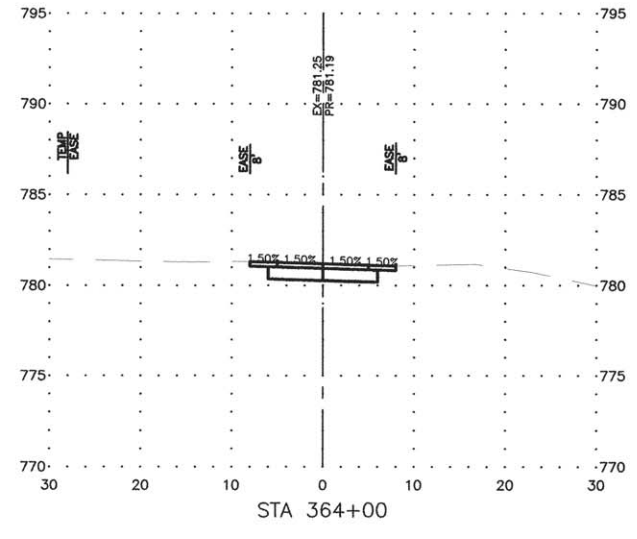
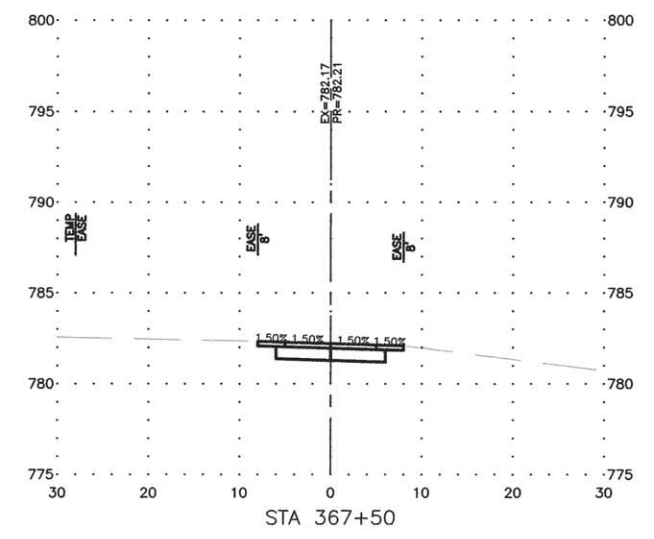
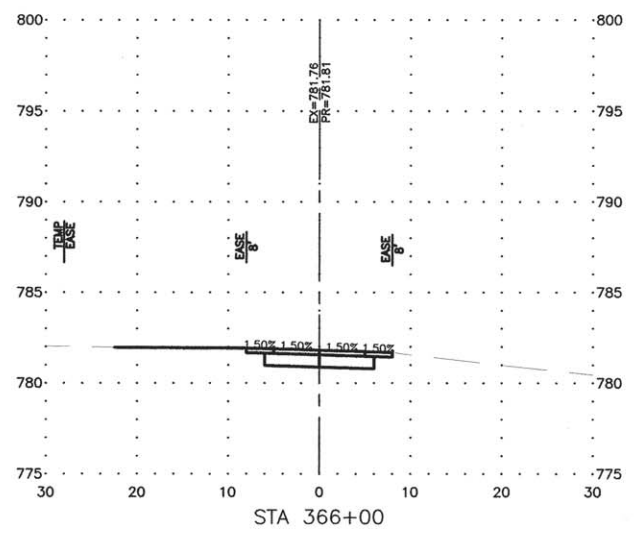
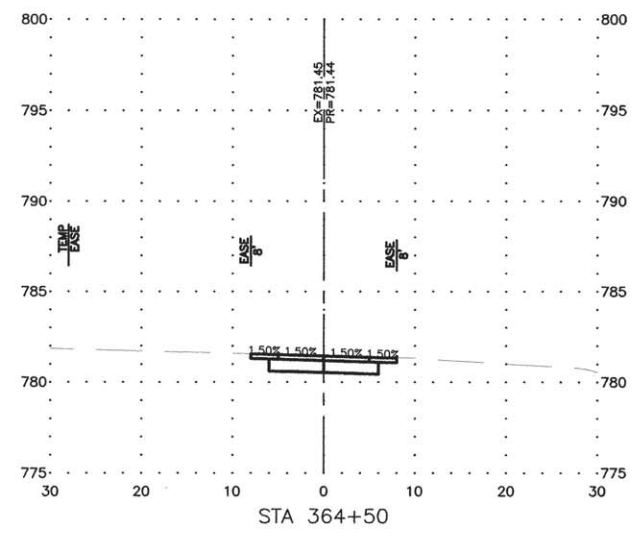
DRAWING:
 SHARED-USE PATH CROSS SECTIONS

JOB NUMBER:
 13-285

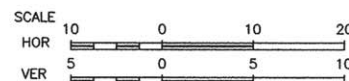
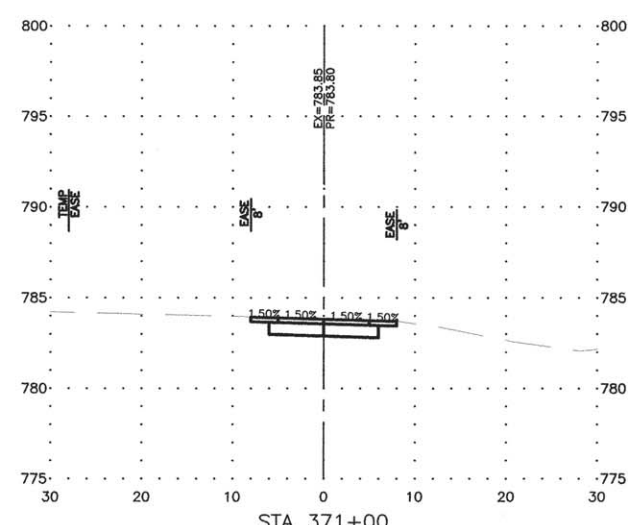
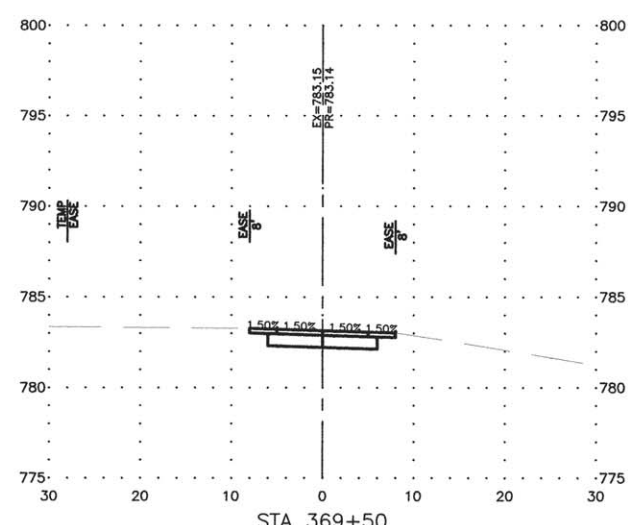
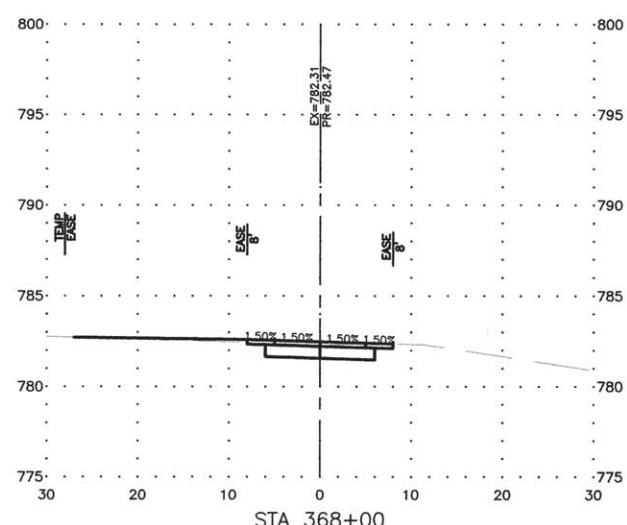
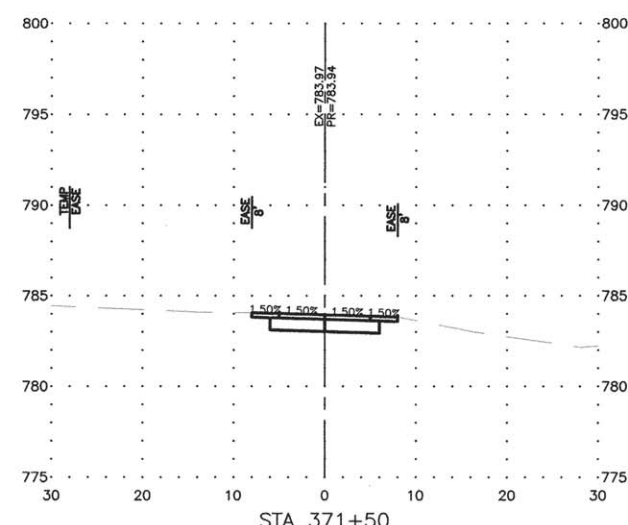
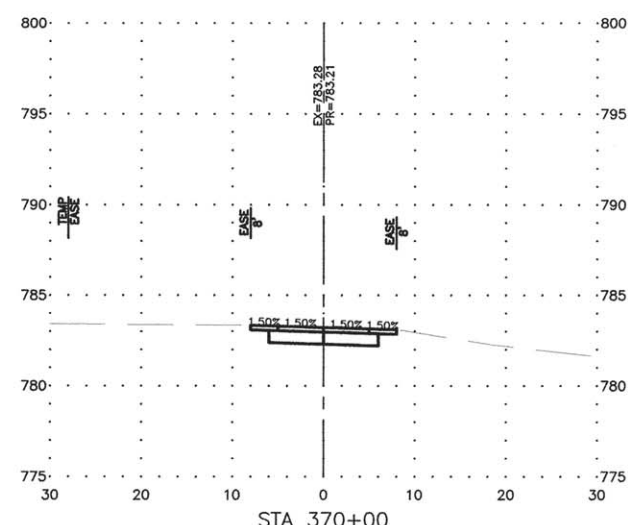
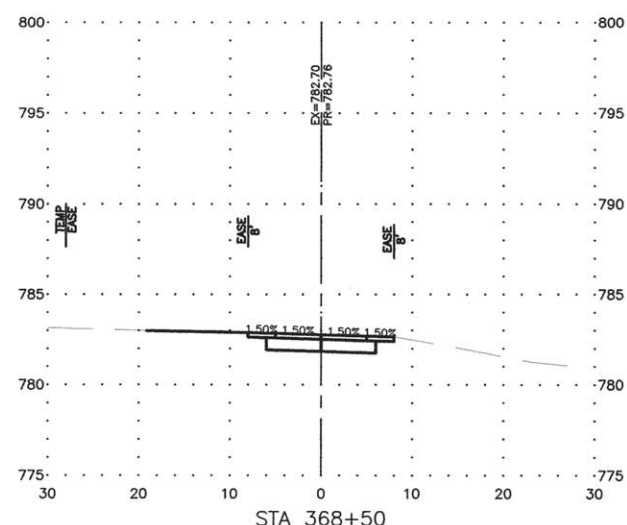
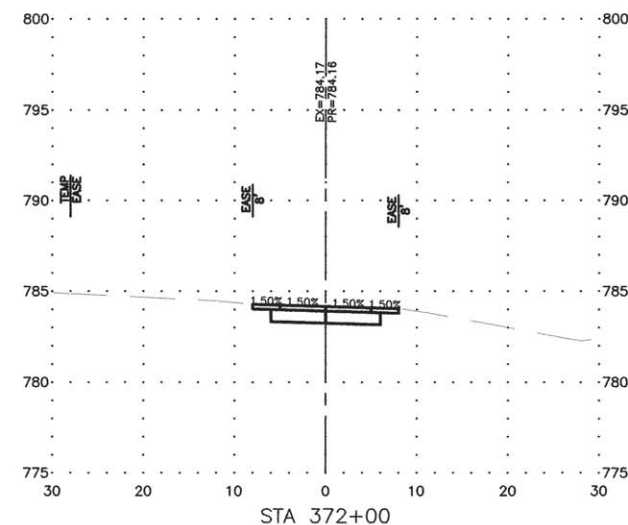
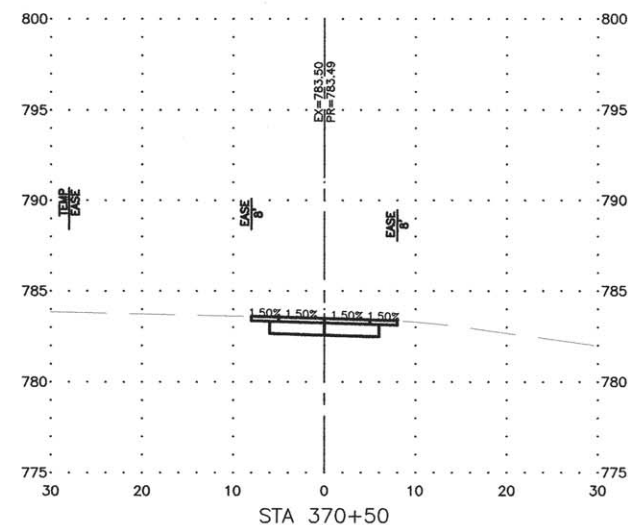
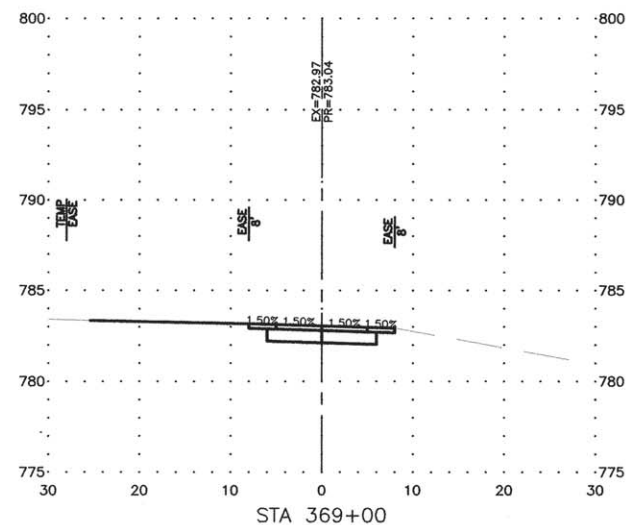
SHEET NUMBER:
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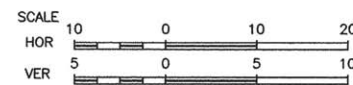
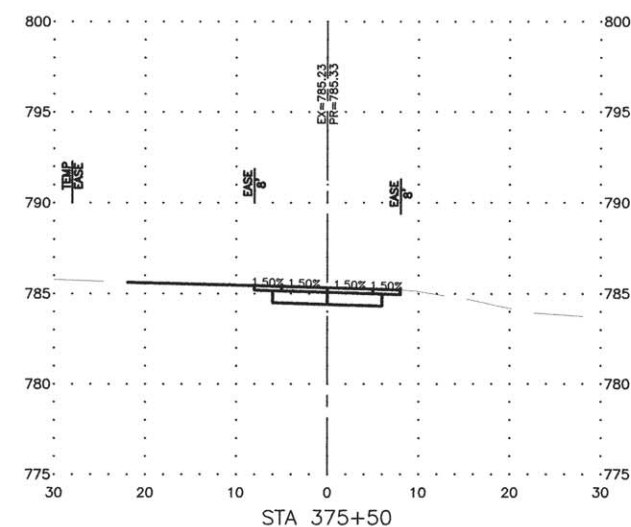
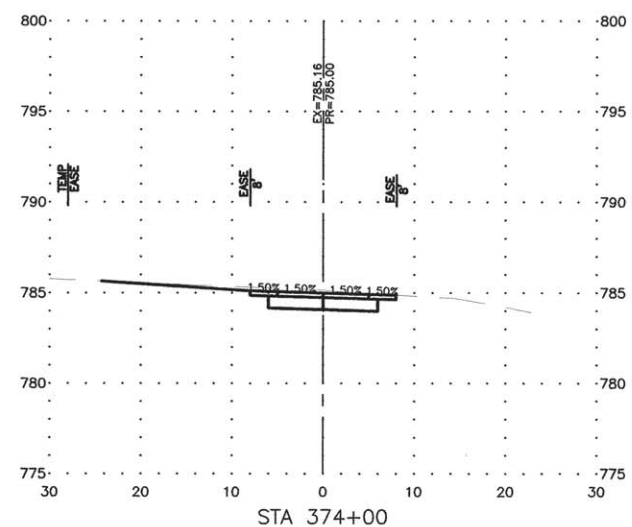
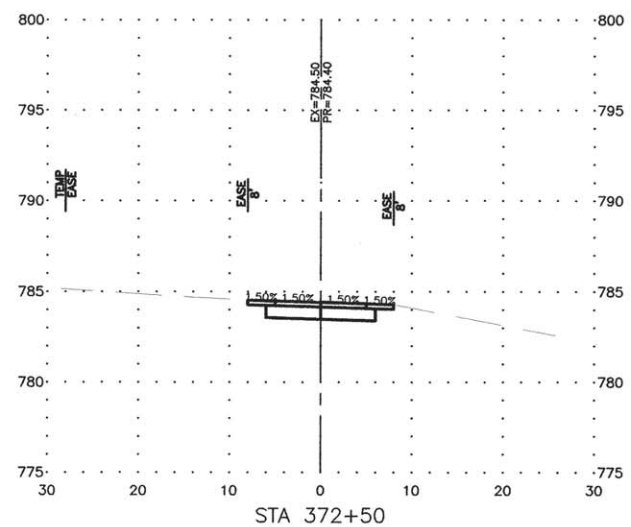
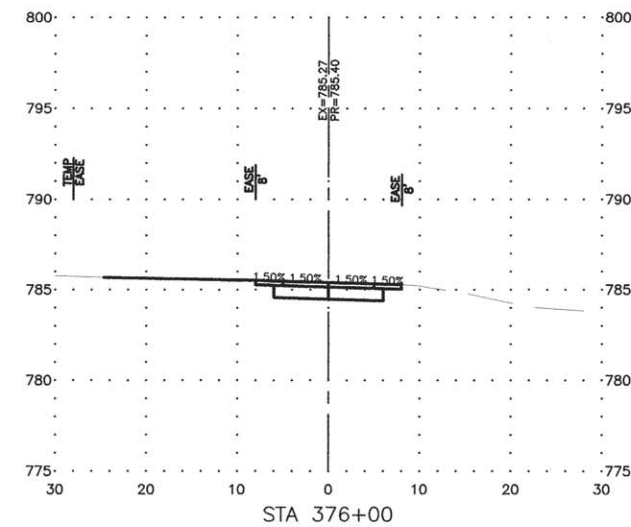
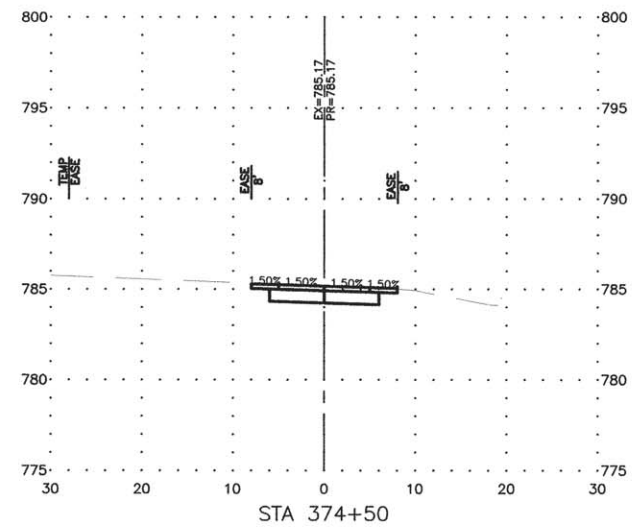
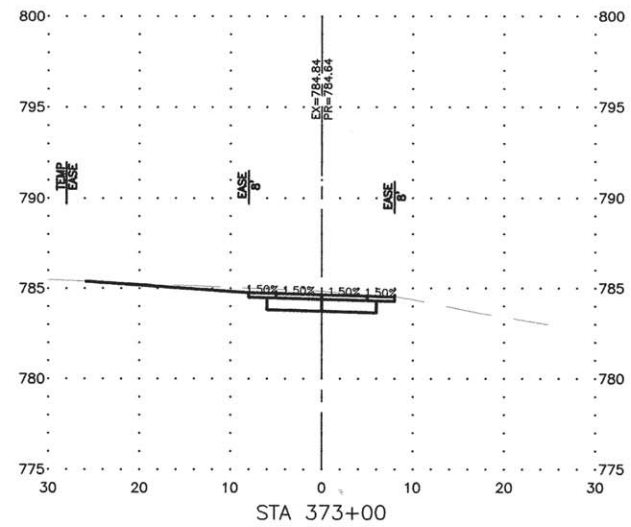
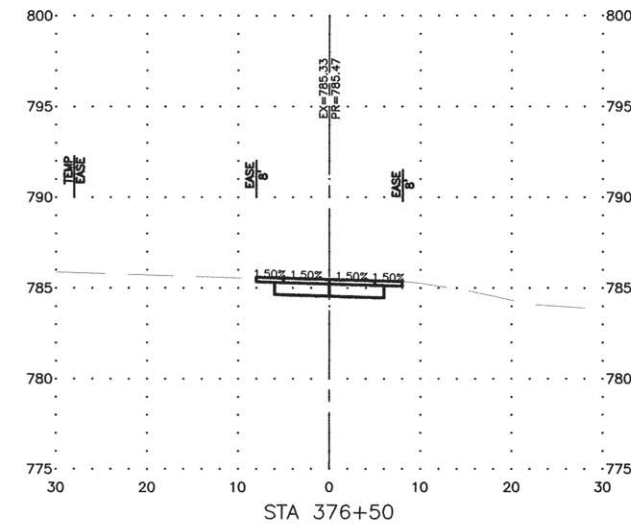
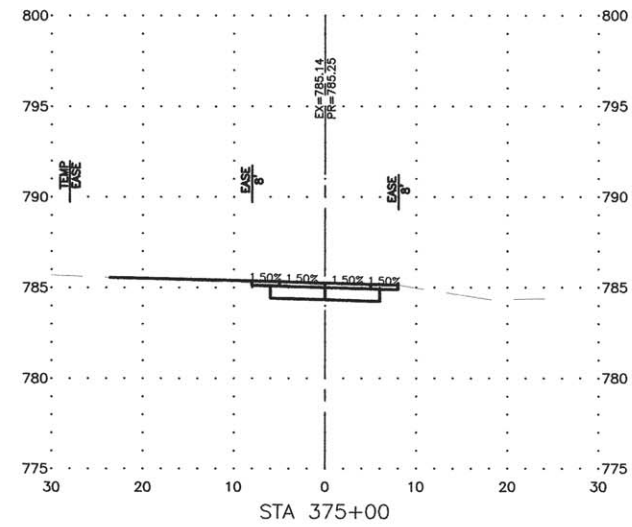
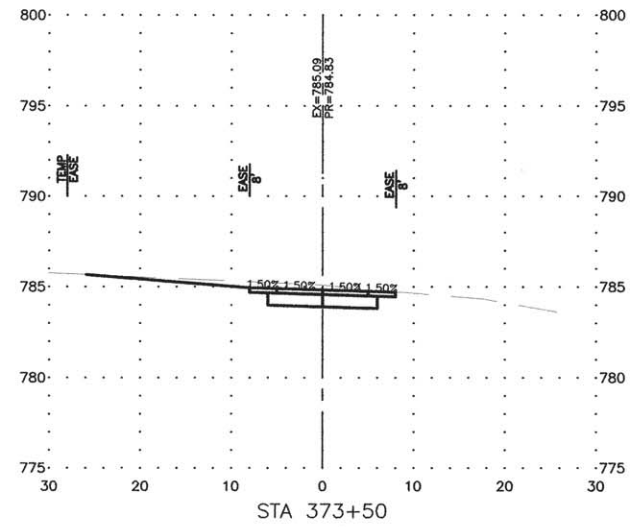
REVISIONS		
REV. NO.	DESCRIPTION	DATE



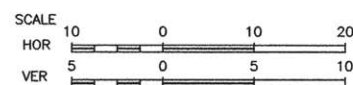
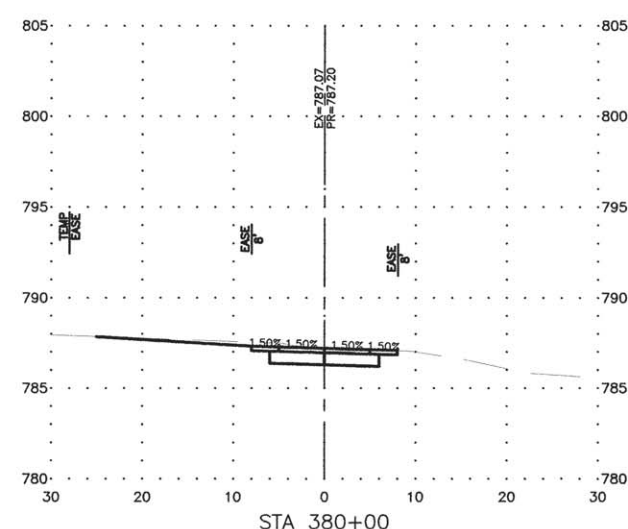
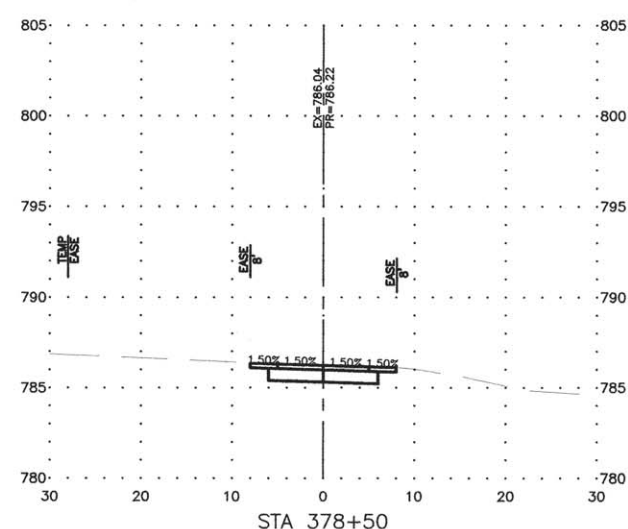
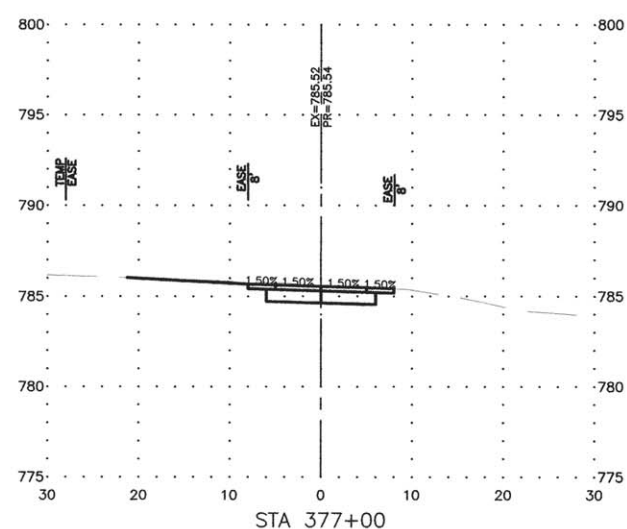
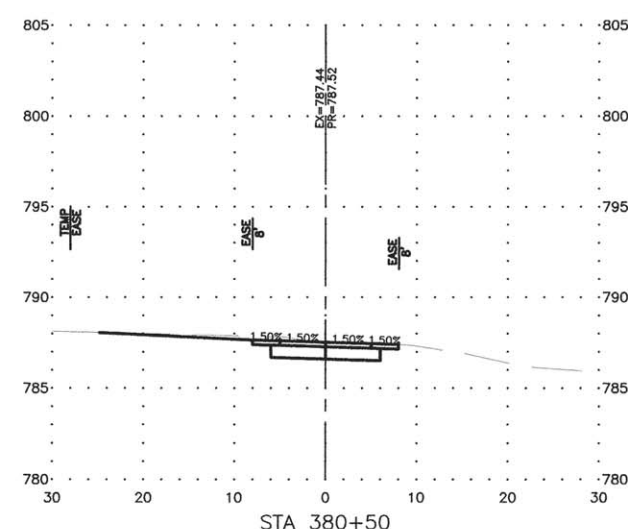
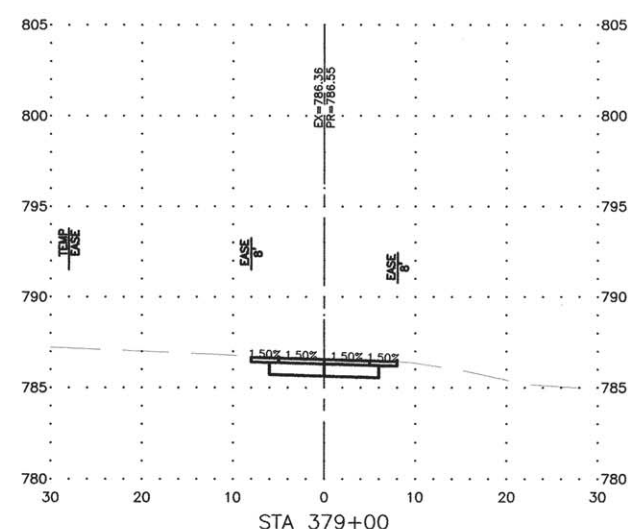
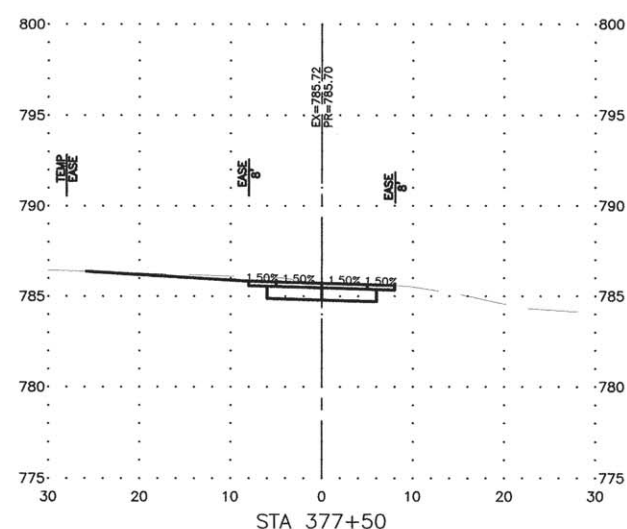
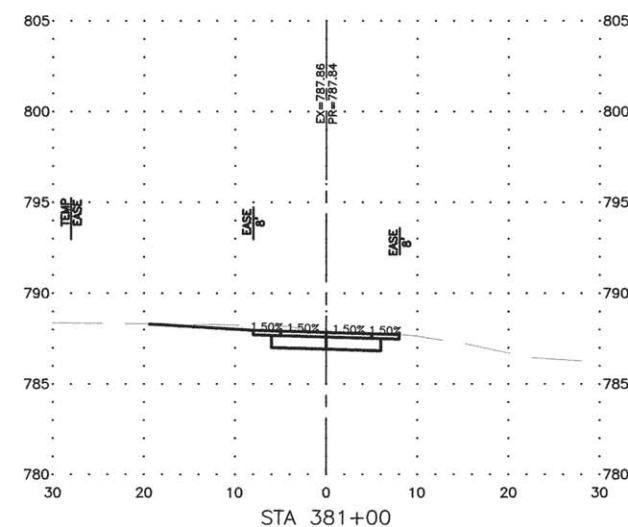
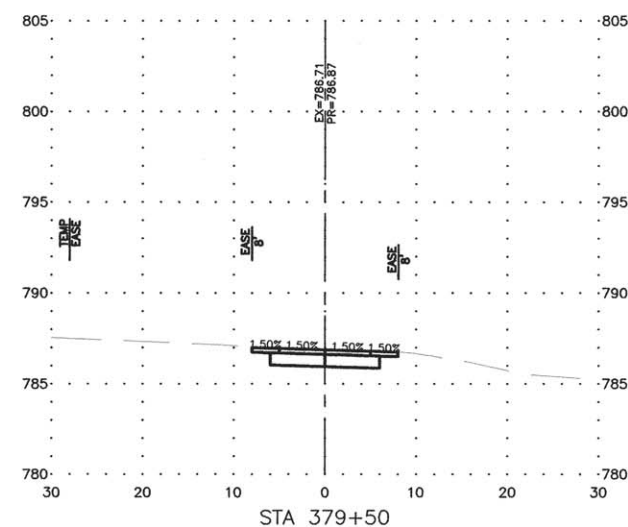
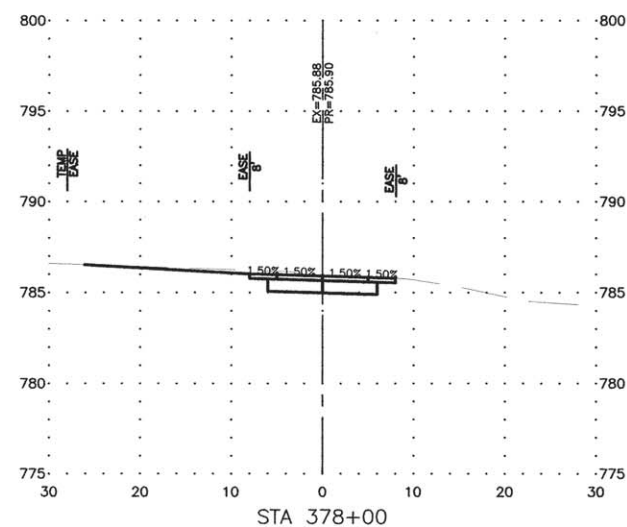
REVISIONS		
REV. NO.	DESCRIPTION	DATE



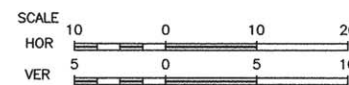
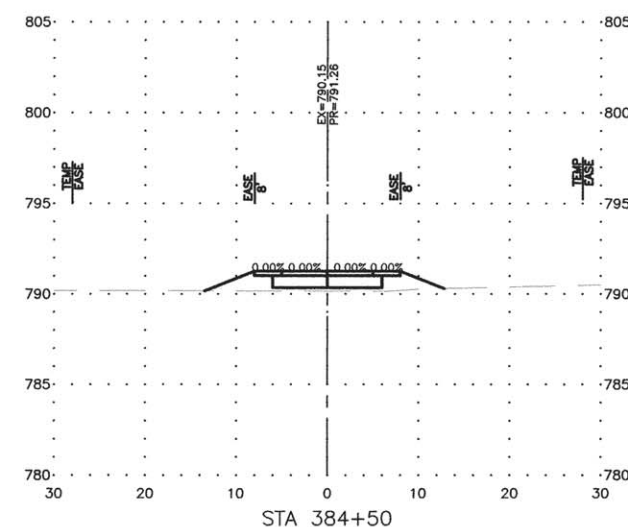
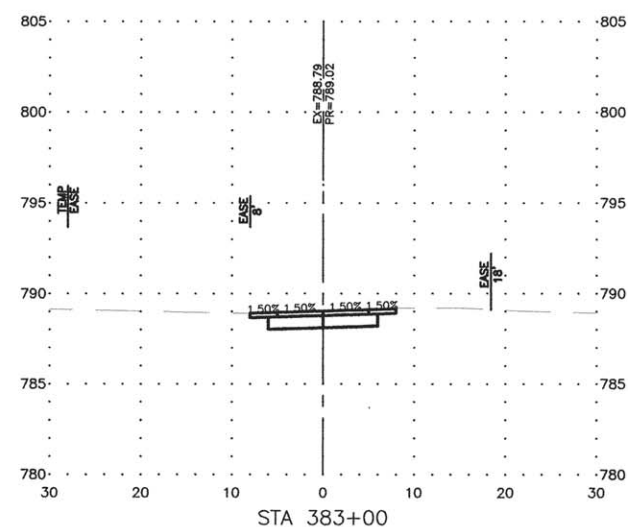
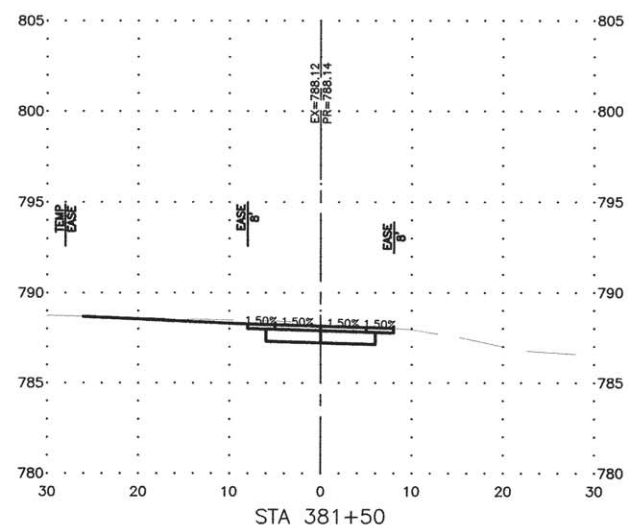
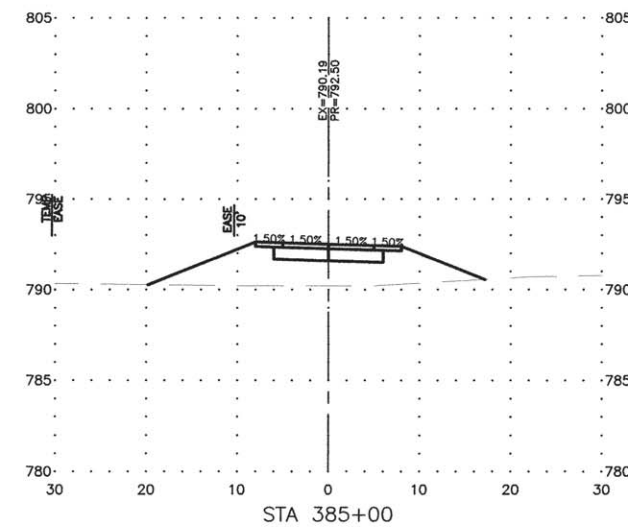
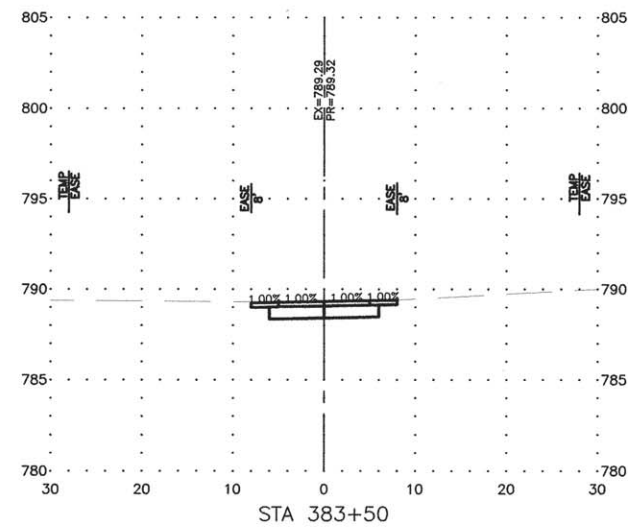
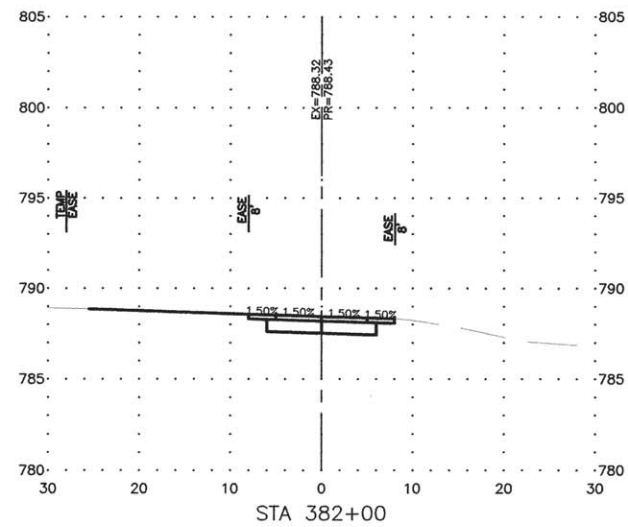
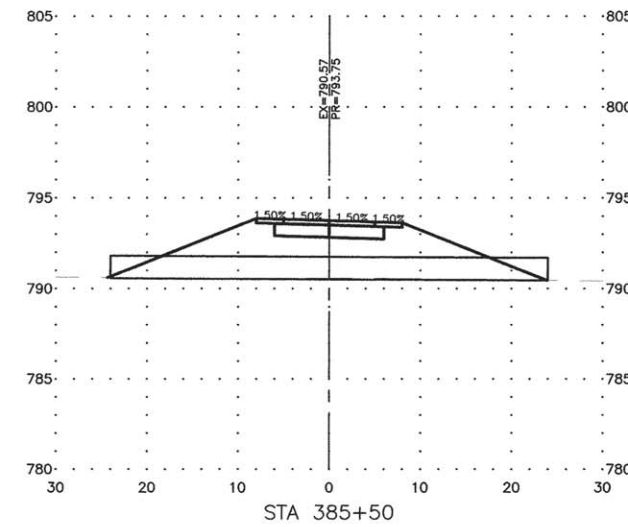
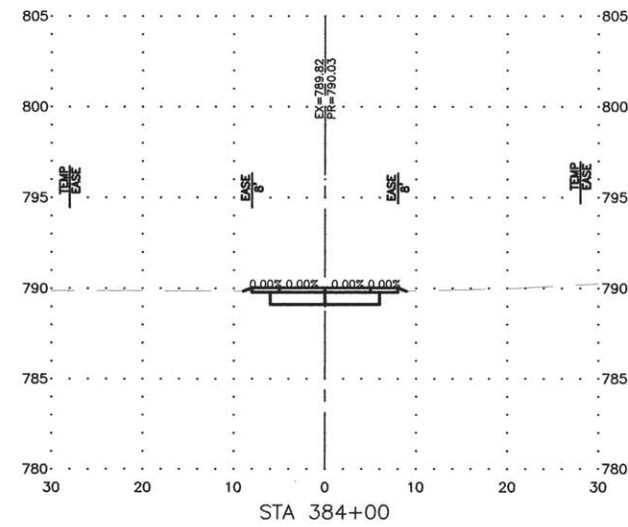
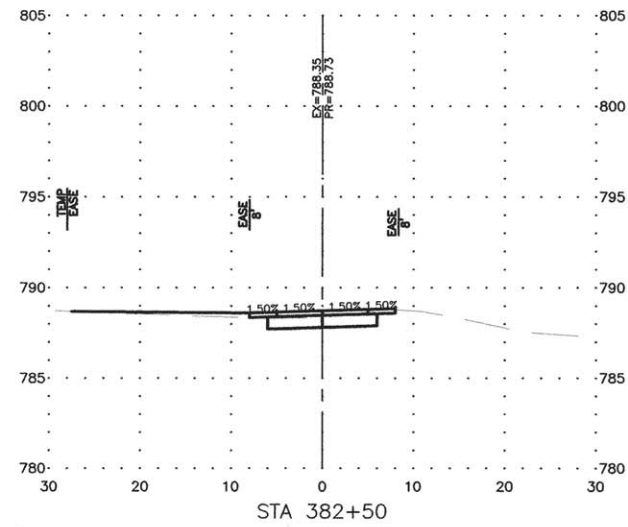
REVISIONS		
REV. NO.	DESCRIPTION	DATE



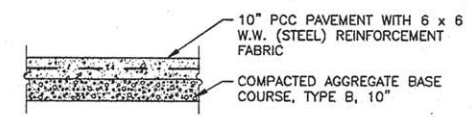
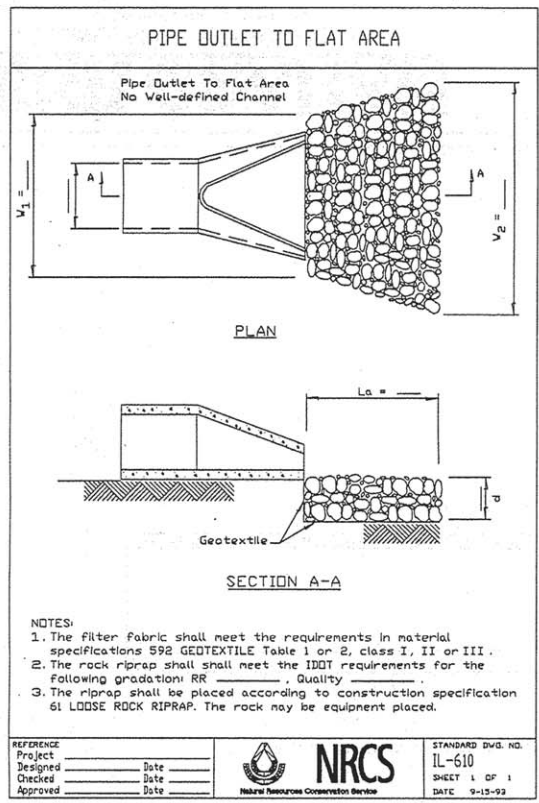
REVISIONS		
REV. NO.	DESCRIPTION	DATE



REVISIONS		
REV. NO.	DESCRIPTION	DATE



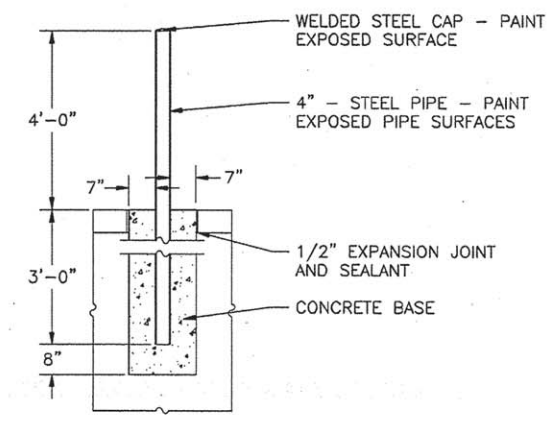
REVISIONS		
REV. NO.	DESCRIPTION	DATE



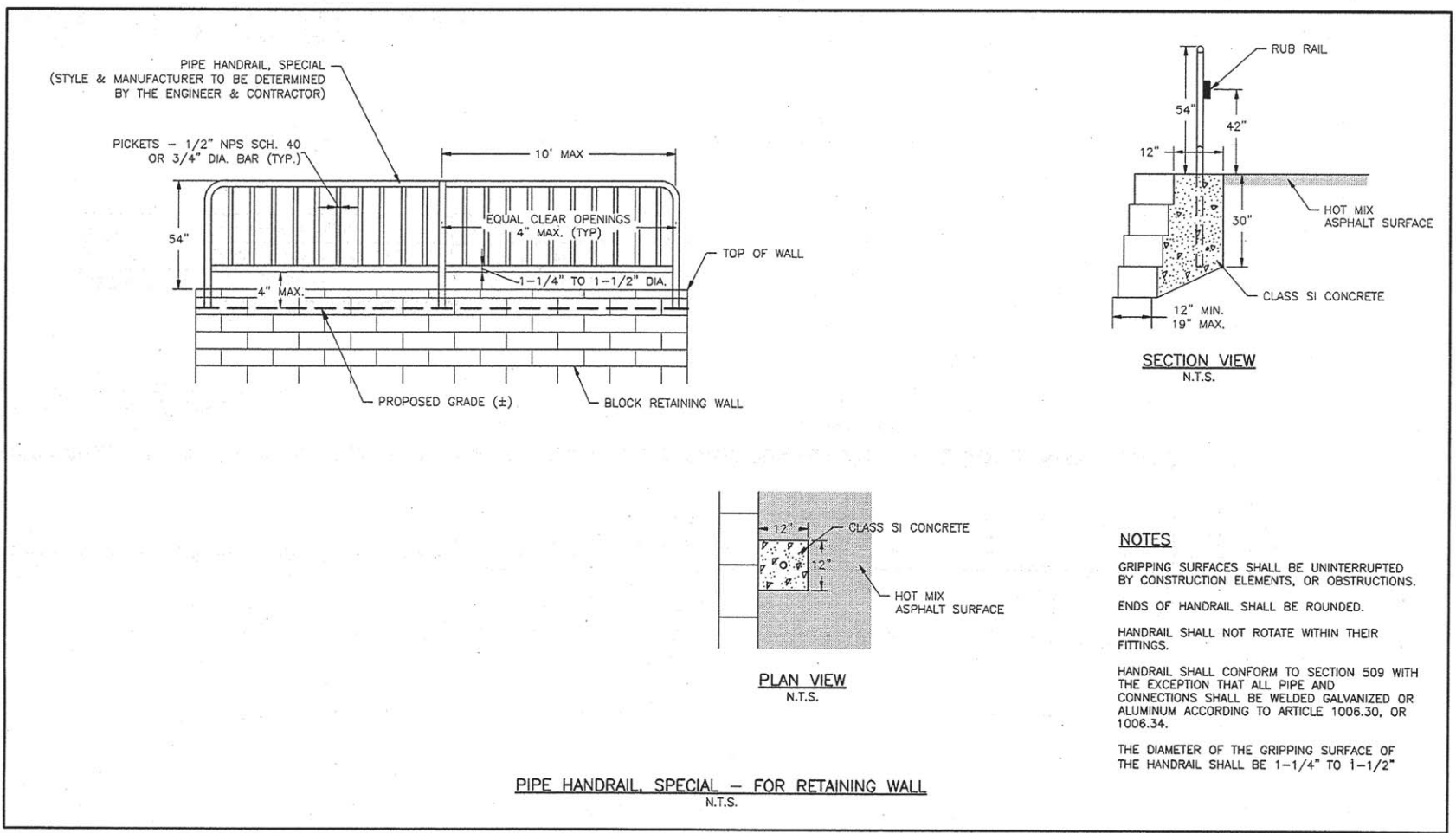
TYPICAL CONCRETE PAVING
 N.T.S.

STRUCTURE NO. 071-P001
 SEC. 13-P4000-00-BT BUILT 201_
 FLAGG-ROCHELLE COMMUNITY
 PARK DISTRICT
 OGLE COUNTY
 LOADING H5

NAME PLATE
 SEE STANDARD 515001

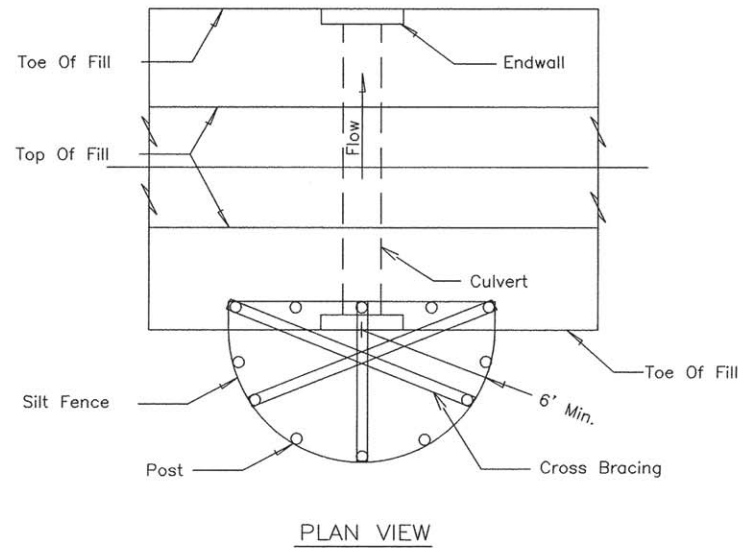


BOLLARD DETAIL
 N.T.S.



REVISIONS		
REV. NO.	DESCRIPTION	DATE

CULVERT INLET PROTECTION - SILT FENCE



PLAN VIEW

NOTES:

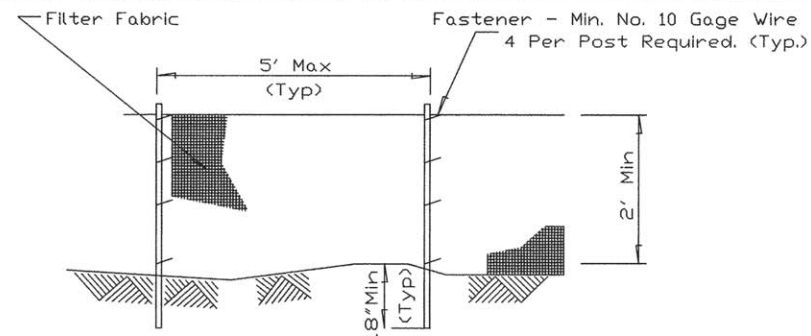
1. The silt fence shall meet the requirements as shown on standard drawing IL-620 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
2. Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
3. The maximum drainage area to the culvert being protected is 1 acre.

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

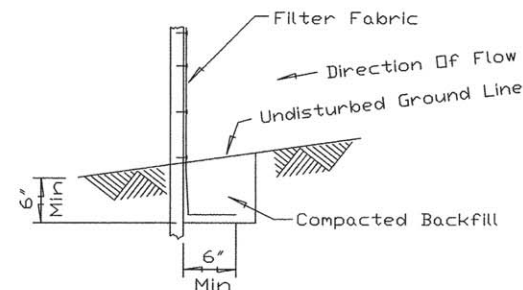


STANDARD DWG. NO.	IL-508SF
SHEET	1 OF 1
DATE	1-29-99

SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

NOTES:

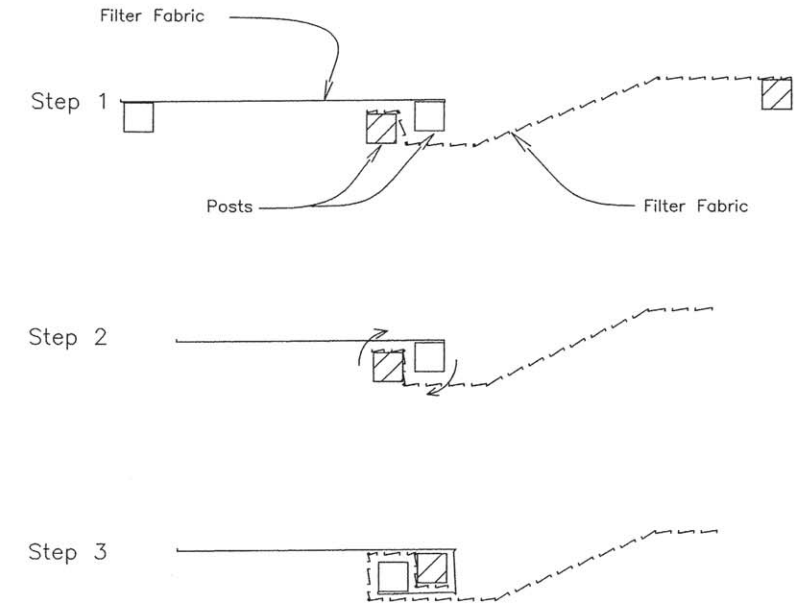
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-620
SHEET	1 OF 2
DATE	11-20-01

SILT FENCE



ATTACHING TWO SILT FENCES

NOTES:

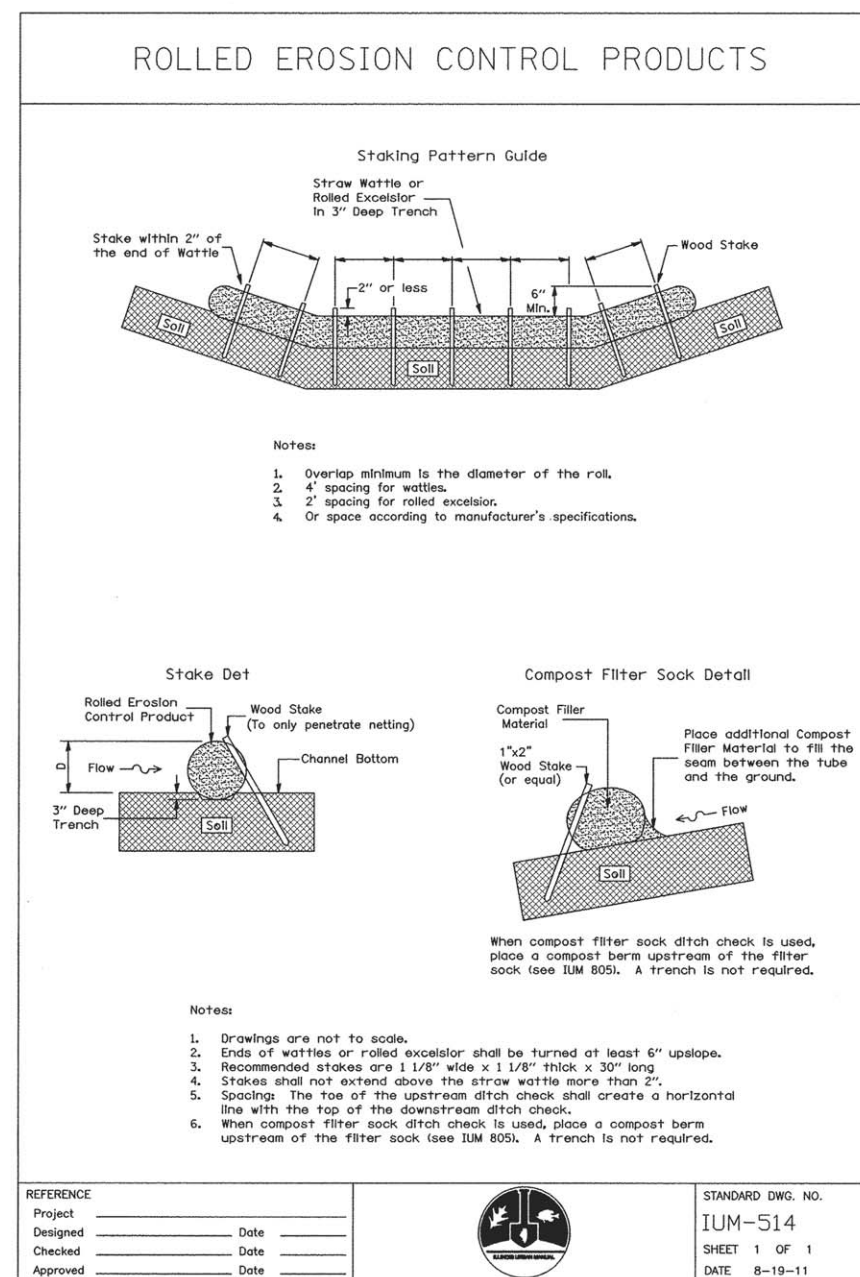
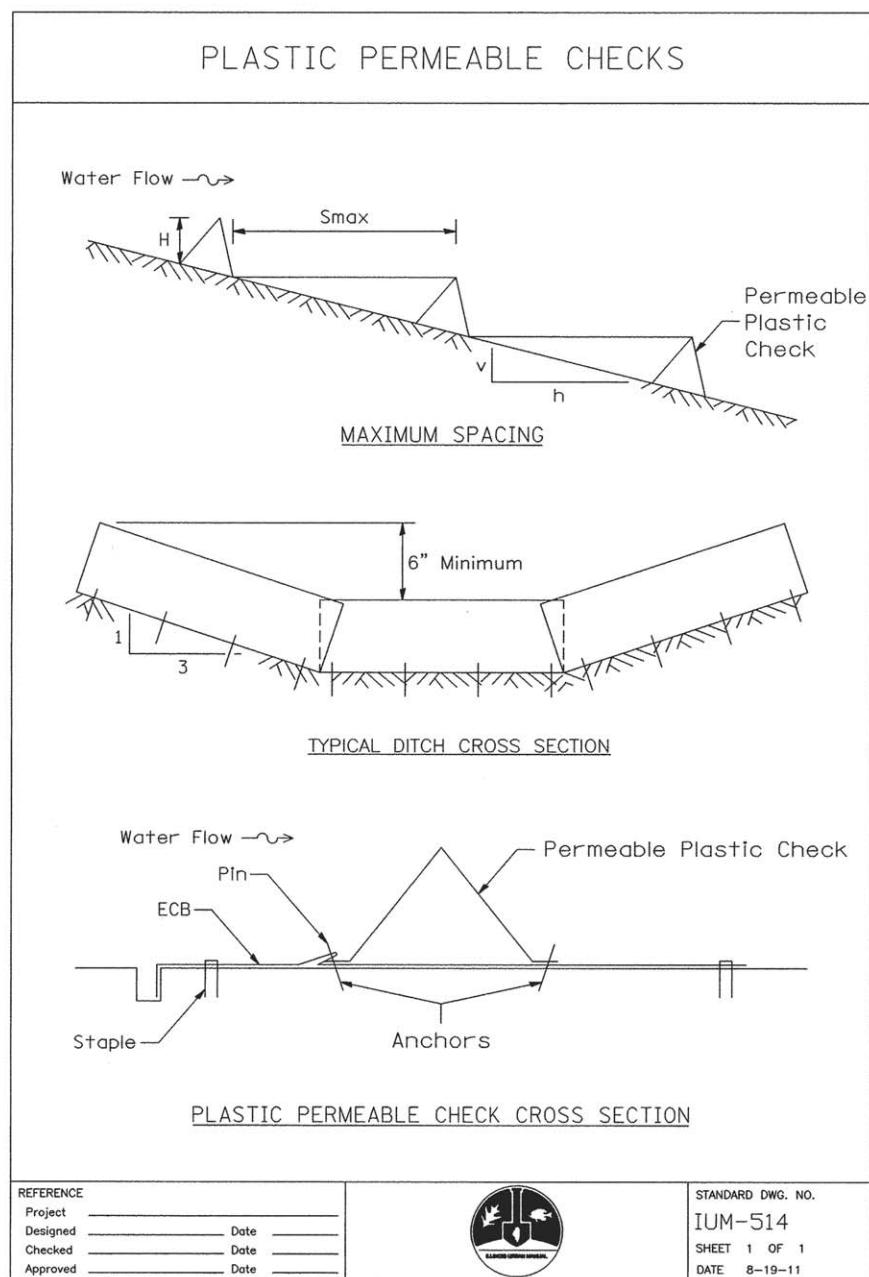
1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

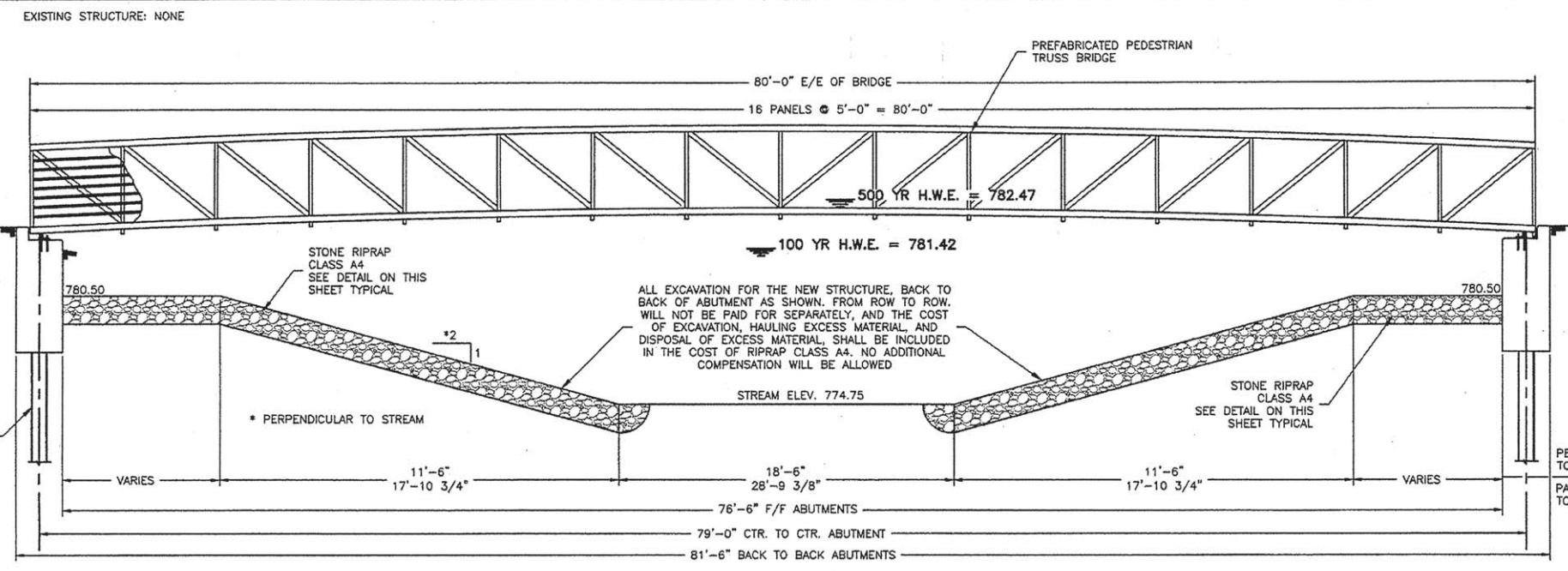


STANDARD DWG. NO.	IL-620(W)
SHEET	2 OF 2
DATE	1-29-99

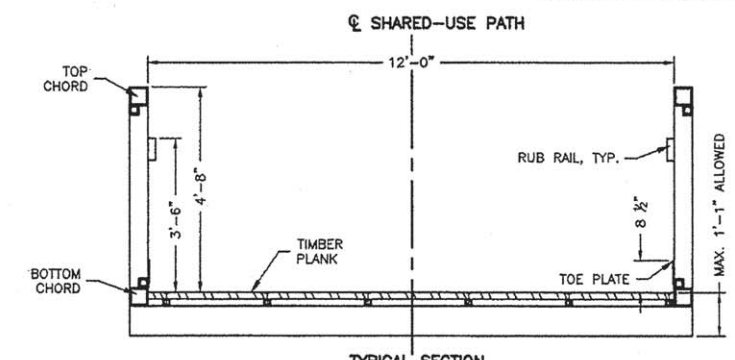
REVISIONS		
REV. NO.	DESCRIPTION	DATE



REVISIONS		
REV. NO.	DESCRIPTION	DATE



ELEVATION - PEDESTRIAN BRIDGE
 SCALE: NTS

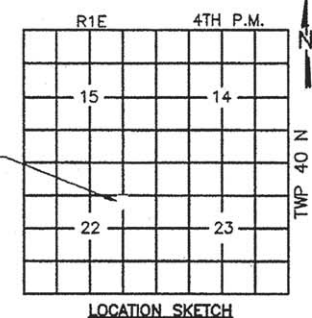


TYPICAL SECTION

WATERWAY DATA
 DRAINAGE AREA = 4.62 SQ. MI.
 EXISTING OPENING = N/A SQ. MI.
 PROPOSED OPENING (100 YEAR) = 214 SQ. FT.
 DESIGN DISCHARGE (100 YEAR) = 770 C.F.S.

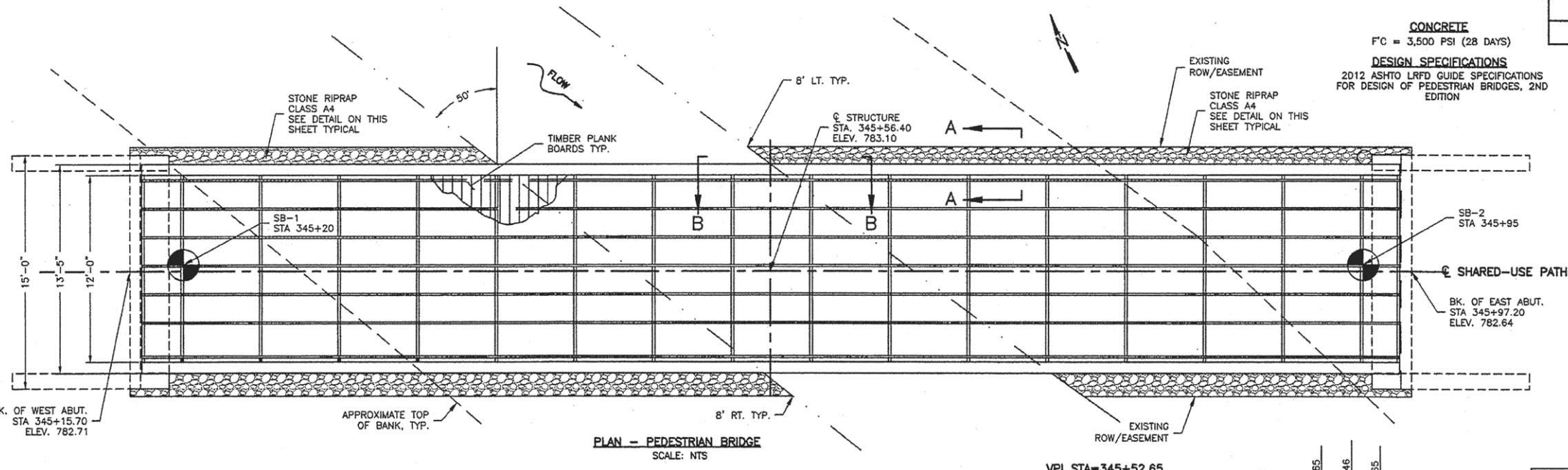
DESIGN LOADING
 90 PSF PEDESTRIAN LIVE LOAD
 H5 VEHICLE W/10,000# MAX. GWW
 PREFABRICATED TRUSS SUPPLIER TO DESIGN TRUSS, TRUSS BEARINGS, AND ALL CONNECTIONS, TO WITHSTAND LATERAL FORCES FROM ICE, DEBRIS, AND PRESSURE FLOW DUE TO 500 YEAR HIGHWATER LEVEL OF 782.47 IN ACCORDANCE WITH 2012 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

DESIGN STRESSES
 F_y = 50,000 PSI (M270 GRADE 50W)

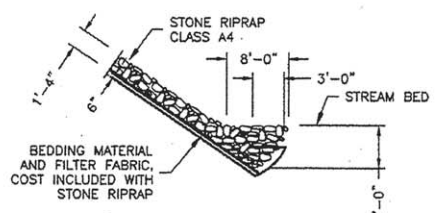


LOCATION SKETCH

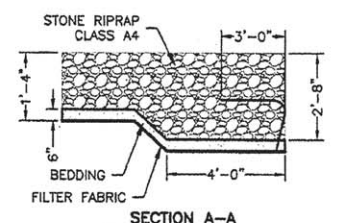
CONCRETE
 F_c = 3,500 PSI (28 DAYS)
DESIGN SPECIFICATIONS
 2012 AASHTO LRFD GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION



PLAN - PEDESTRIAN BRIDGE
 SCALE: NTS

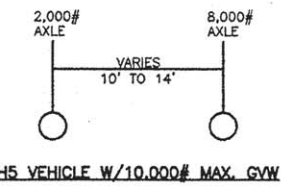


SECTION B-B THRU TOE OF RIPRAP



SECTION A-A

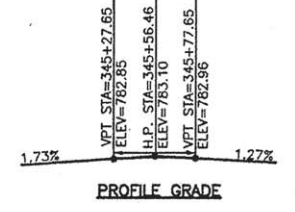
- GENERAL NOTES:**
- STRUCTURAL DRAWINGS TO BE WORKED WITH ANY OTHER CIVIL DRAWINGS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF STRUCTURE DURING ERECTION.
 - ALL STRUCTURAL STEEL TUBES SHALL BE ASTM A500 GRADE B (F_y=46KSI). ALL ANGLES AND STEEL PLATES SHALL BE ASTM A572 (F_y=50KSI).
 - ALL STRUCTURAL WELDING SHALL BE DONE USING E70 ELECTRODES IN ACCORDANCE WITH THE AWS CODE AND AISC SPECIFICATIONS.
 - ALL CONNECTIONS NOT DETAILED OR OTHERWISE NOTED SHALL BE STANDARD AISC WELDED, BOLTED OR A COMBINATION OF WELDED AND BOLTED CONNECTIONS.
 - STEEL TRUSS FABRICATOR SHALL STRICTLY ADHERE TO THE LOW BEAM, AND PROFILE GRADE OF THE STRUCTURE. THE STRUCTURE SHALL BE DESIGN FOR LATERAL FORCES TO THE STRUCTURE CAUSED BY PRESSURE FLOW, ICE, AND DEBRIS. THIS SHALL BE DESIGN IN ACCORDANCE WITH THE AASHTO 2012 LRFD BRIDGE DESIGN SPECIFICATIONS.



H5 VEHICLE W/10,000# MAX. GWW

VPI STA=345+52.65
 ELEV=783.28
 CURVE LEN=50.00
 E=0.19
 K=16.7

SEISMIC DATA
 SEISMIC PERFORMANCE ZONE (SPZ) = 1
 DESIGN SPECTRAL ACCELERATION AT 1.0 SEC (SD1) = 0.096G
 DESIGN SPECTRAL ACCELERATION AT 0.2 SEC (SDS) = 0.16G
 SOIL SITE CLASS = D



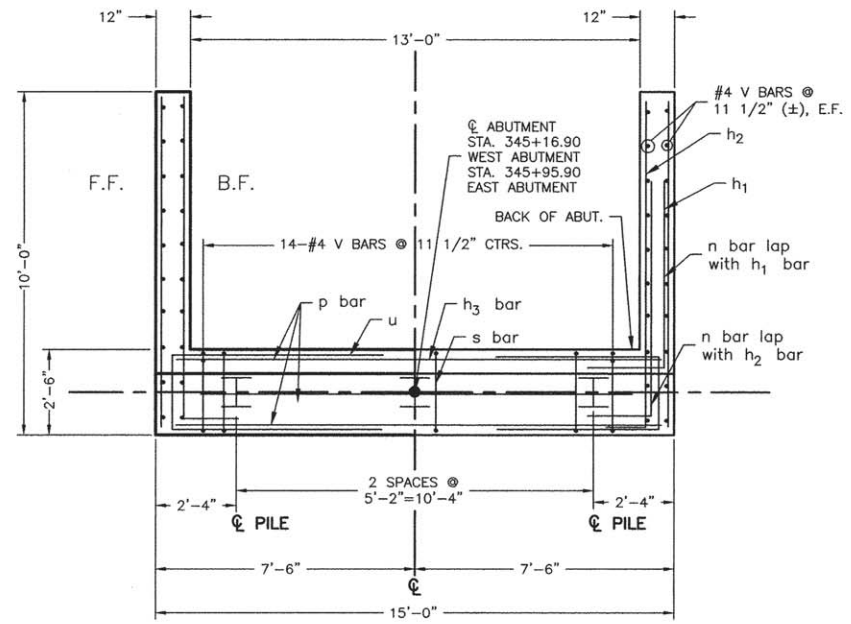
PROFILE GRADE

I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE SUB-STRUCTURE DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH REQUIREMENTS OF THE CURRENT AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.

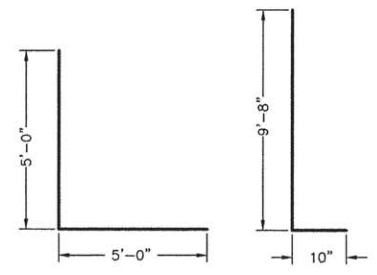
Ryan T. Mumm 5/27/2016
 RYAN T. MUMM DATE
 Illinois Licensed Structural Engineer Number 6577
 License Expires 11/30/16



REV. NO.	DESCRIPTION	DATE

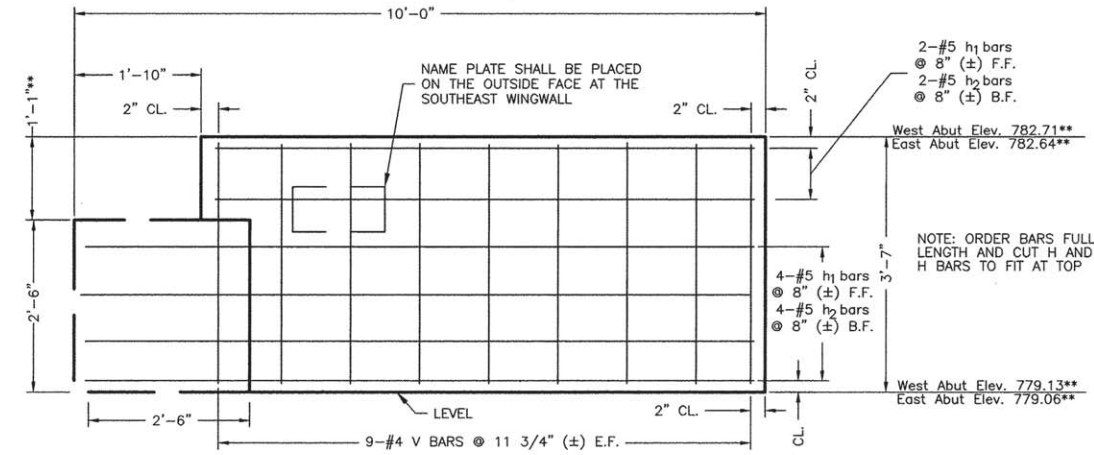


TOP PLAN
 WEST ABUTMENT SHOWN. EAST
 ABUTMENT IS A MIRROR IMAGE.

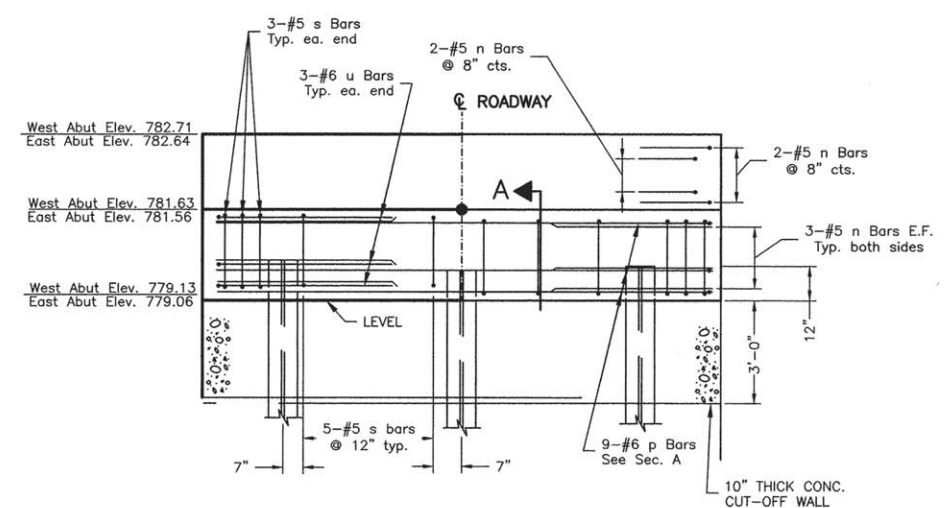
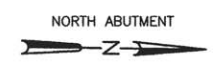


BAR n **BAR h2**

NOTE:
 COORDINATE FINAL ABUTMENT DETAILS WITH
 PREFABRICATED TRUSS SUPERSTRUCTURE SUPPLIER
 AND ENGINEER PRIOR TO ORDERING MATERIALS.



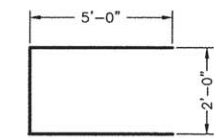
WINGWALL ELEVATION
 WINGWALLS SHALL BE POURED AFTER
 PREFABRICATED TRUSS HAS BEEN SET



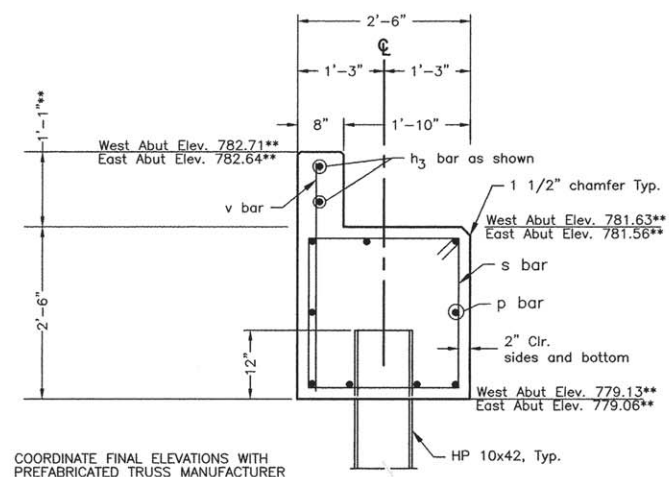
ELEVATION

PILE DATA

Type: Steel HP 10 x 42
 No. Required: 2 West Abutment
 2 East Abutment
 Est. Length: 22 Ft. W. Abutment
 30 Ft. E. Abutment
 Test Piles: 1 West Abutment
 1 East Abutment
 Nominal Req. Bearing: 92 kips
 Factored Resistance available: 50 kips

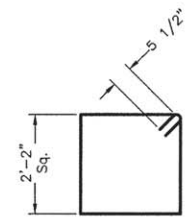


BAR u



SECTION A

** COORDINATE FINAL ELEVATIONS WITH
 PREFABRICATED TRUSS MANUFACTURER

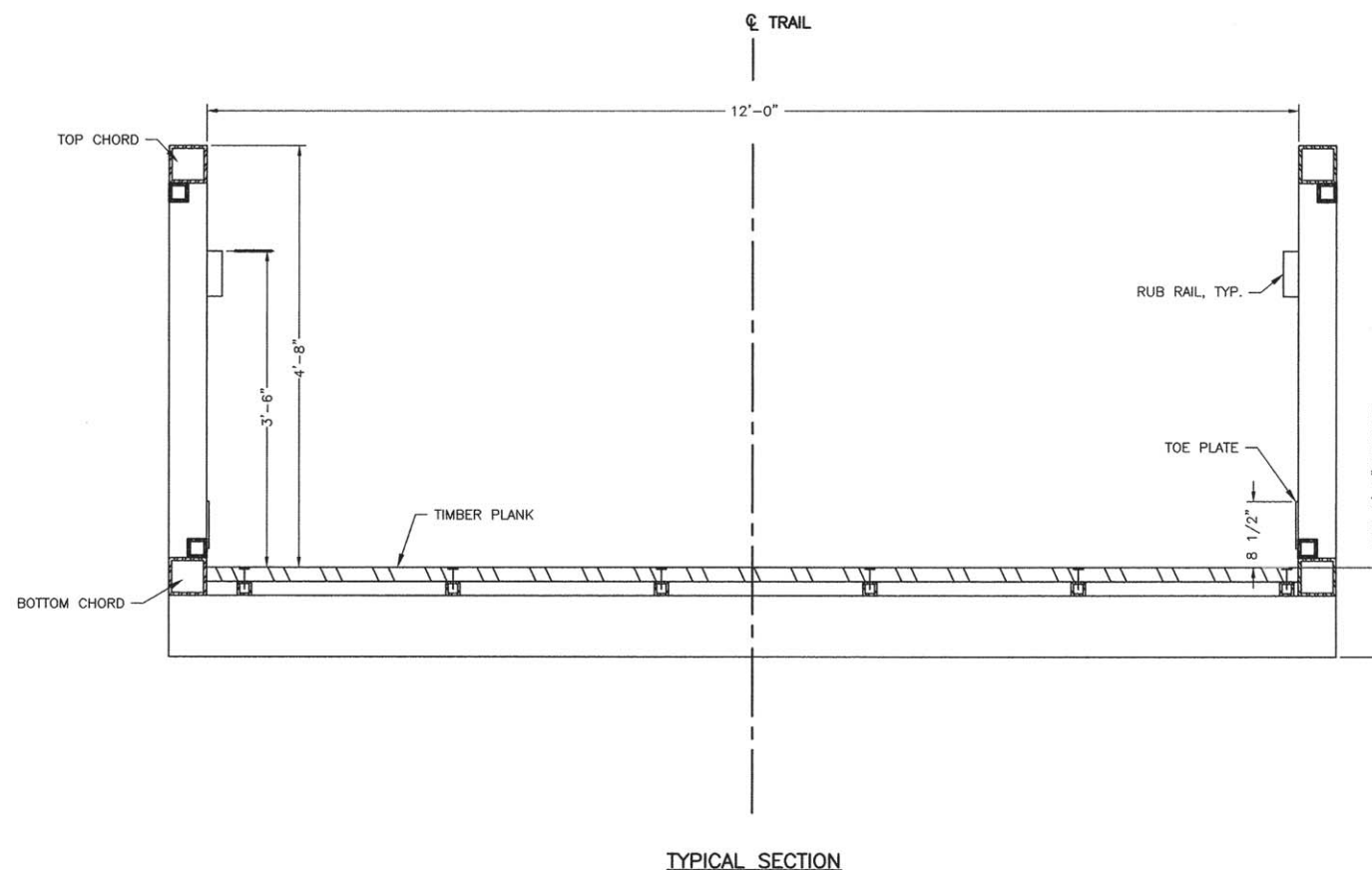


BAR s

BILL OF MATERIALS - 2 ABUTS.

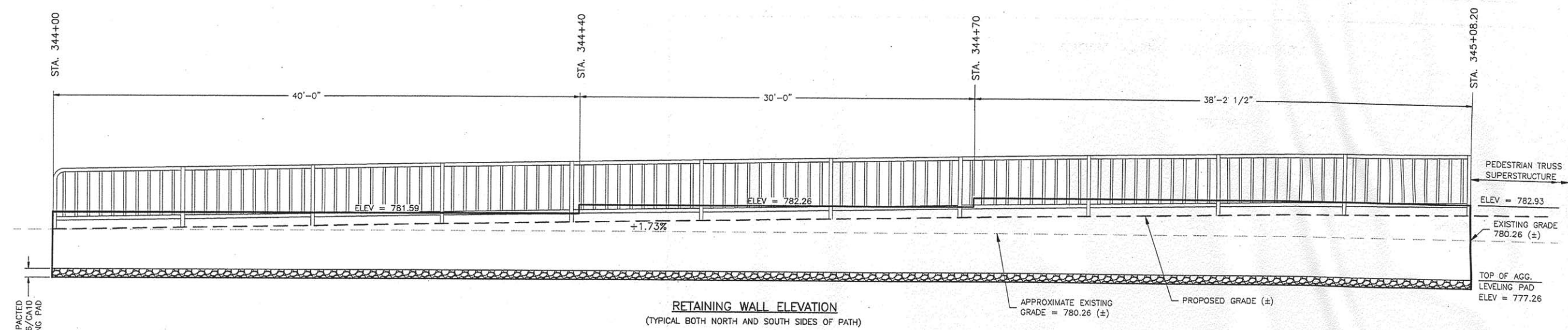
Bar	No.	Size	Length	Shape
h1	24	#5	9'-8"	—
h2	24	#5	10'-6"	—
h3	4	#5	14'-6"	—
n	40	#5	10'-0"	L
p	18	#6	14'-6"	—
s	32	#5	9'-7"	□
u	12	#6	12'-0"	□
v	100	#4	4'-6"	—
Concrete Structures		Cu. Yds.	11.8	
Reinforcement Bars		Lbs.	2210	
Test Pile, Steel HP10x42		Each	2	
Furnishing Steel Piles, HP10x42		Foot	104	
Driving Piles		Foot	104	
Pile Shoes		Each	6	
Name Plate		Each	1	
Concrete Cut-off Wall		Cu. Yds.	2.8	
Structure Excavation		Cu. Yds.	24	

REVISIONS		
REV. NO.	DESCRIPTION	DATE



TYPICAL SECTION

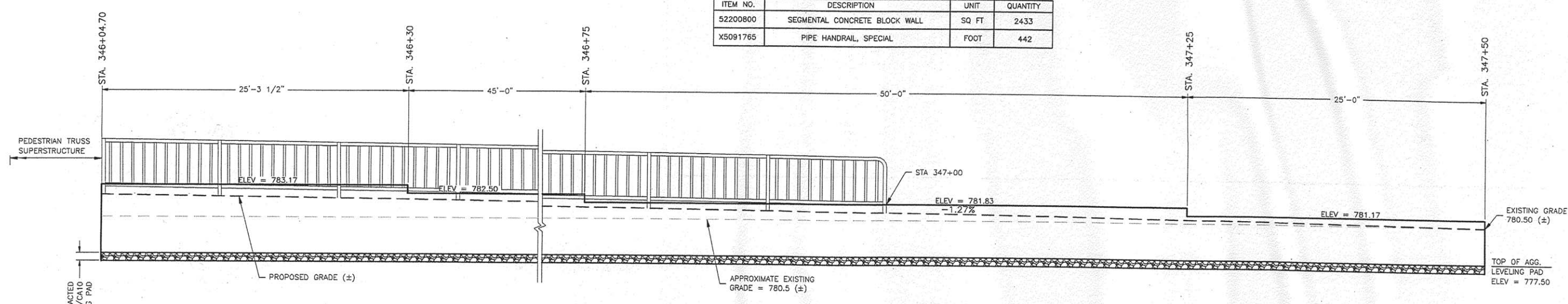
REVISIONS		
REV. NO.	DESCRIPTION	DATE



RETAINING WALL ELEVATION
 (TYPICAL BOTH NORTH AND SOUTH SIDES OF PATH)

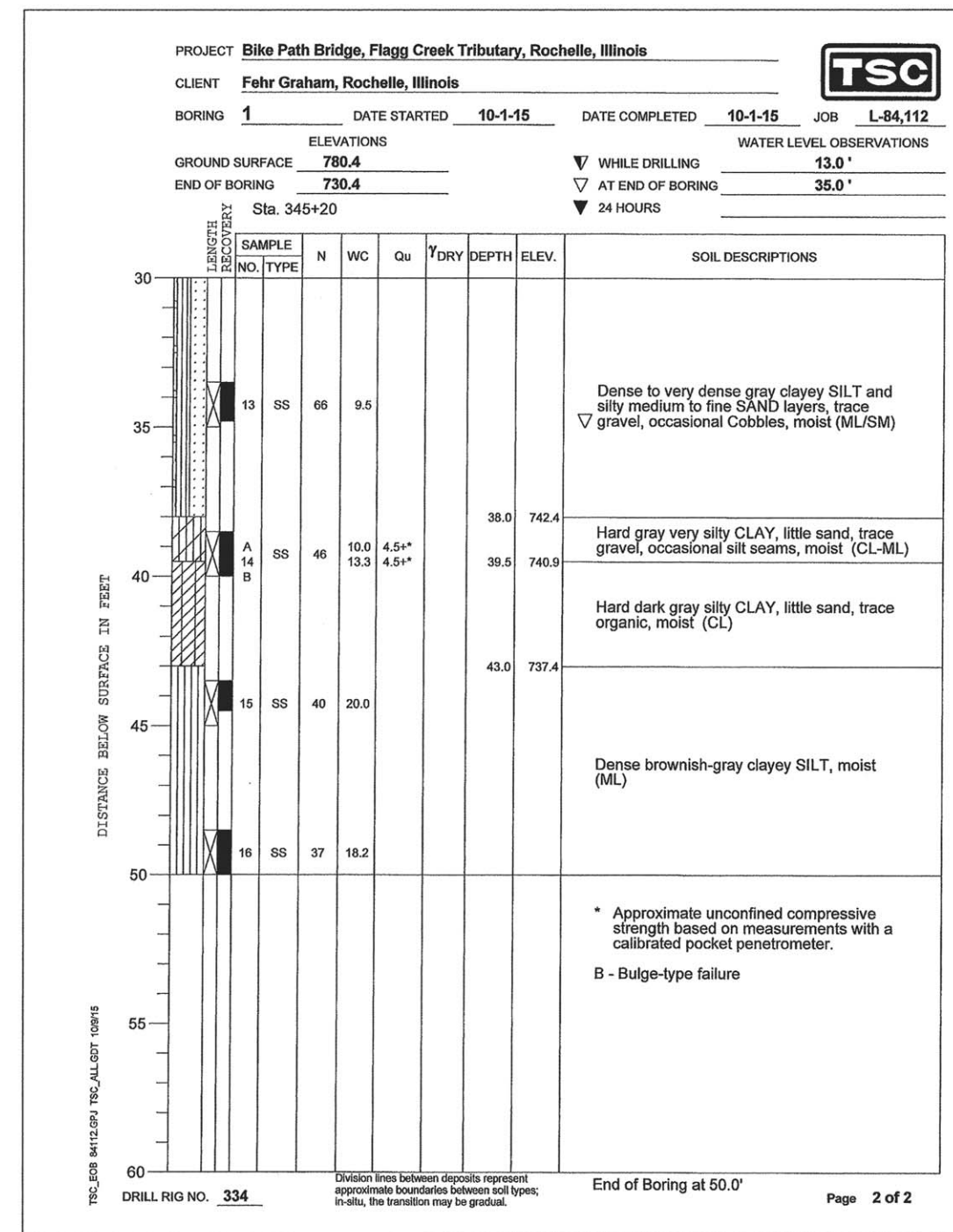
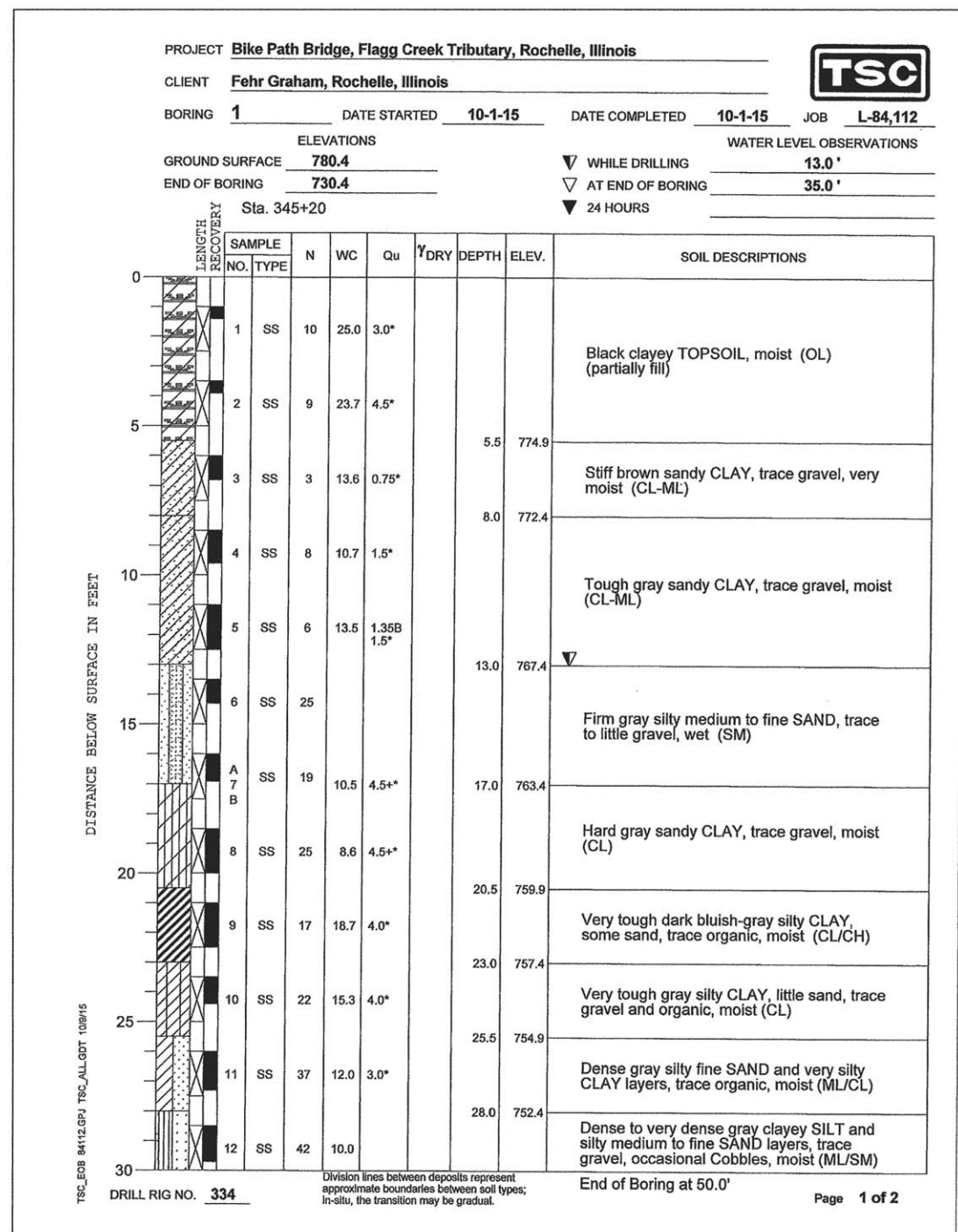
RETAINING WALL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	2433
X5091765	PIPE HANDRAIL, SPECIAL	FOOT	442

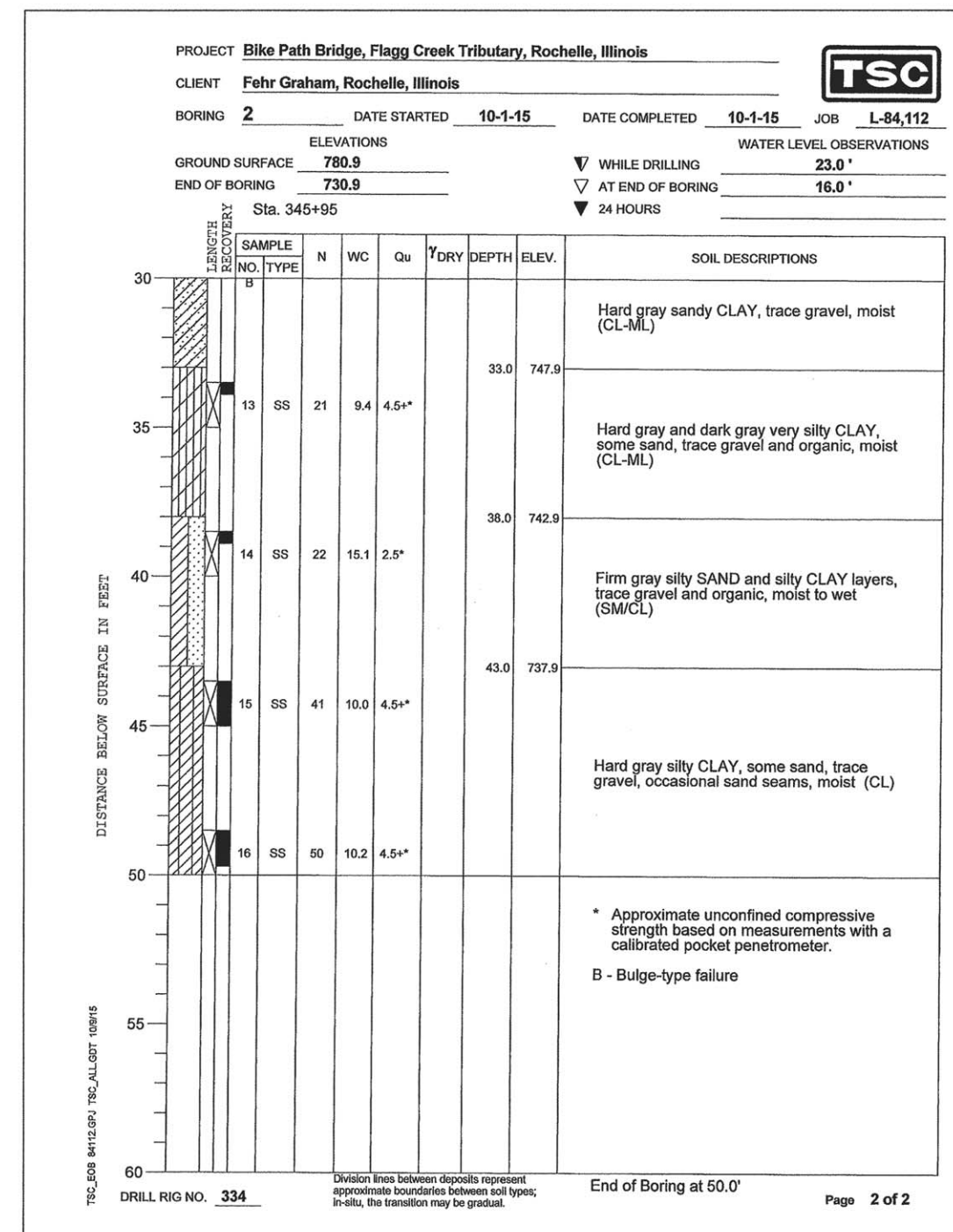
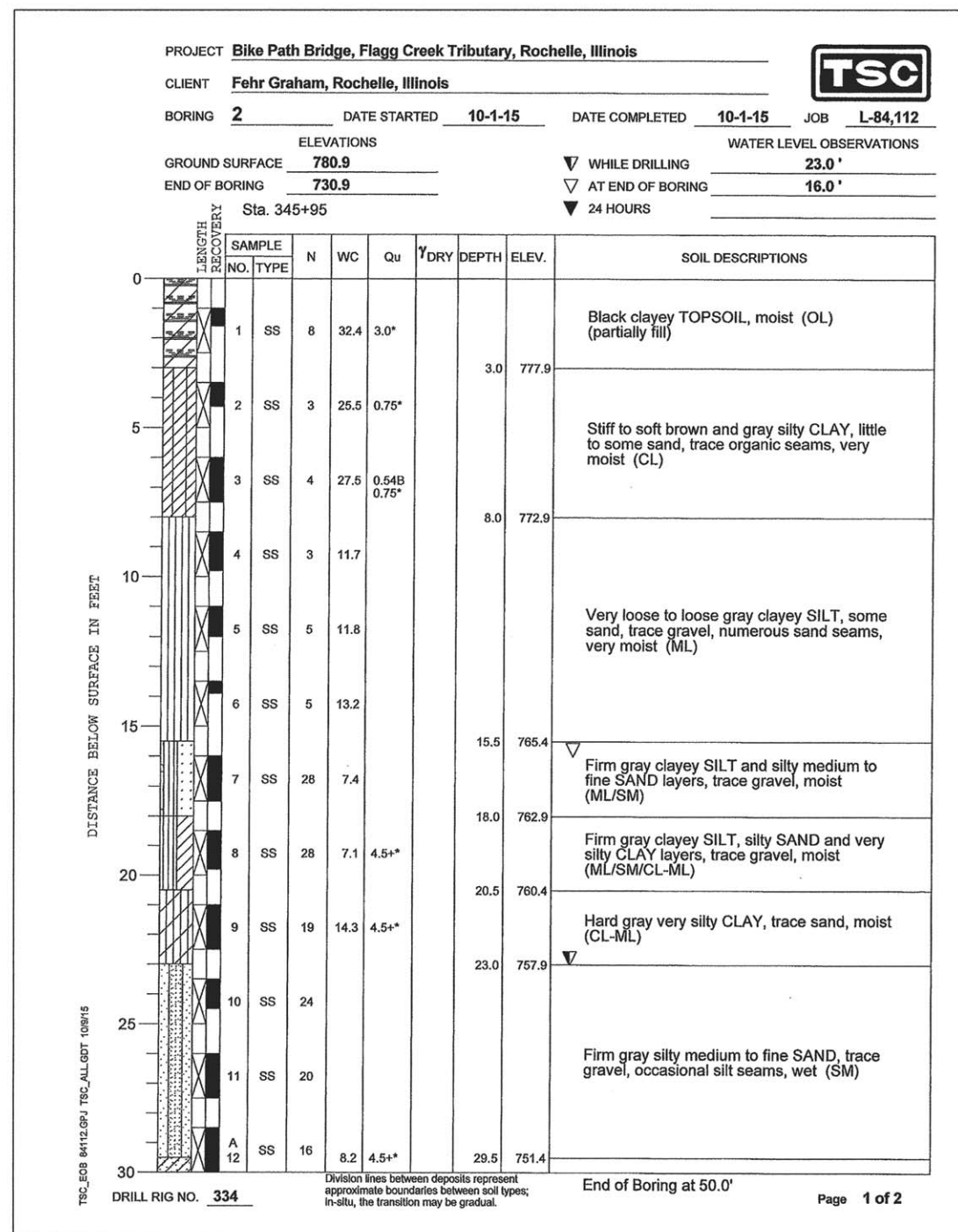


RETAINING WALL ELEVATION
 (TYPICAL BOTH NORTH AND SOUTH SIDES OF PATH)

REVISIONS		
REV. NO.	DESCRIPTION	DATE



BORING LOG 1



BORING LOG 2

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

FLAGG-ROCHELLE COMMUNITY
PARK DISTRICT
735 N. 2ND STREET
ROCHELLE, IL 61068

PROJECT AND LOCATION:

ROCHELLE BIKE RACC II
SECTION 13-P4000-00-BT
PROJECT TE-00D2(153)
JOB C-92-004-14

DRAWN BY: YJ
APPROVED BY: SLO
DATE: 09/30/13
SCALE: NTS

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

BORING LOGS

JOB NUMBER:

13-285

SHEET NUMBER:

54 of 54