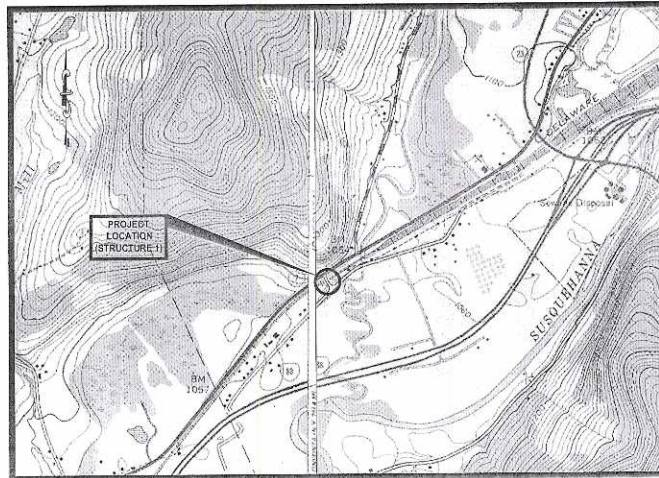


RECONSTRUCTION DRAWINGS
 FOR
PONY FARM ROAD
 B.I.N. 2227870
 OVER CANADIAN PACIFIC RAIL
 TOWN OF ONEONTA
 OTSEGO COUNTY, NEW YORK
 ROBERT T. WOOD - TOWN SUPERVISOR



LOCATION MAP

SPECTRA ENGINEERING, ARCHITECTURE, & SURVEYING, P.C.
 19 BRITISH AMERICAN BOULEVARD
 LATHAM, NEW YORK 12110
 PHONE - (518) 782-0882
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 JUNE, 2009

JOHN D. SELIGMAN, P.E. NO. 067549

SHEET NO TITLE

08160-01	TITLE SHEET
08160-02	GENERAL NOTES
08160-03	TABLE OF QUANTITIES
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TOWN OF ONEONTA			
PONY FARM ROAD OVER CP RAIL			
TITLE SHEET			
DATE :	5/15/09	SHEET NO.	
SCALE :	AS SHOWN		1 OF 15
FILE NO. :	08160	DRAWING NO.	
CAD FILE NO. :	08160-01		08160-01

DESIGN SUPERVISOR: J.D. SELIGMAN JOB MANAGER: J.D. SELIGMAN DESIGNED BY: J.C.S. CHECKED BY: J.D. SELIGMAN ESTIMATED BY: J.C.S. DRAFTED BY: J.C.S. CHECKED BY: J.D. SELIGMAN

DESIGN SUPERVISOR: J.D. SELIGMAN
JOB MANAGER: J.D. SELIGMAN
DESIGNED BY: J.C.S.
ESTIMATED BY: J.D. SELIGMAN
DRAWN BY: J.C.S.
CHECKED BY: J.D. SELIGMAN
DATE: 6/15/09

GENERAL NOTES

- DESIGN SPECIFICATIONS: 17TH EDITION AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES (WITH INTERIMS), NEW YORK STATE DEPARTMENT OF TRANSPORTATION BRIDGE MANUAL 1ST EDITION JANUARY 2008.
- MATERIAL AND CONSTRUCTION SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, DATED MAY 1, 2008. NEW YORK INCLUDING CURRENT ADDENDA.
- LIVE LOAD: HS-20.
- CONCRETE STRENGTH: THE SPECIFIED COMPRESSIVE STRENGTH OF PRECAST CONCRETE SHALL BE 5000 PSI (M.N.) AND C.I.P. CONCRETE SHALL BE 4000 PSI (M.N.)
- REINFORCING STEEL: ALL REINFORCEMENT BAR SHALL BE ASTM A615 GRADE 60.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF TESTING ALL MATERIALS. TESTING OF MATERIALS SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY APPROVED BY THE TOWN. TESTING SHALL CONFORM TO THE APPLICABLE ASTM AND NYS DOT STANDARDS. THE TESTING LABORATORY SHALL SUBMIT A TESTS AND A STATEMENT OF WRITTEN REPORT DESCRIBING THE TESTS PERFORMED, THE RESULTS OF SUCH, AND THE ENGINEER. THE SPECIFICATIONS TO THE CONTRACTOR COMPLIANCE OR NON-COMPLIANCE WITH THE ITEMS OF CONTRACT. COST OF ALL TESTING SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE APPROPRIATE.

UTILITY NOTES

- LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED AS EXISTING AND/OR TO BE CONSTRUCTED AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT OPERATIONS AND TAKE THE NECESSARY PRECAUTIONS TO PREVENT INTERFERENCE WITH OR DAMAGE TO, THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION.
- IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY OWNER TO CONVENIENCE WORK TO RESTORE SERVICE AND MAY NOT CEASE REPAIR WORK OPERATIONS UNTIL SERVICE IS RESTORED.
- THE METHOD OF REMOVAL OF EXISTING ROADWAY OR SHOULDER PAVEMENT IN THE IMMEDIATE VICINITY OF UNDERGROUND UTILITIES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

REMOVAL EXCAVATION AND BACKFILL NOTES

- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT DROP WASTE CONCRETE, DEBRIS OR OTHER MATERIAL TO THE RAILROAD TRACKS BELOW THE BRIDGE EXCEPT WHERE THE PLANS OR SPECIFICATIONS SPECIFICALLY PERMIT THE CROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED. IF MATERIAL FALLS ON THE AREA BELOW AND ADJACENT TO THE BRIDGE, IT SHALL BE REMOVED AND DISPOSED OF ON A REGULAR BASIS.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS AND OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICE FOR THE APPROPRIATE ITEMS OF THE CONTRACT.
- ALL PLACEMENTS OF SELECT STRUCTURE FILL, ITEM 203.21, SHALL BE COMPACTED TO 95 PERCENT OF STANDARD PROCTOR MAXIMUM DENSITY AS DEFINED UNDER SECTION 203-312 - COMPACTION.
- THE COST OF WATER USED FOR COMPACTION OF SELECT FILL ITEMS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.21 - SELECT STRUCTURE FILL.
- CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE TO TREES WITHIN AND OUTSIDE THE LIMITS OF CONSTRUCTION AND NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONDUCT ALL OPERATIONS TO THE SATISFACTION OF THE ENGINEER TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY DITCH FROM FOREIGN MATERIAL, OR FROM THE MANIPULATION OF EQUIPMENT. POLLUTION BY DEBRIS AND SEDIMENT. THE CONTRACTOR SHALL NOT RETURN MATERIALS DIRECTLY TO A DITCH OR NEAR SUCH DITCHES. ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH COULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES SHALL BE DISPOSED OF PROPERLY.
- CONTRACTOR SHALL PROVIDE TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH ITEM 9209.01.
- THE INSTALLATION OF SELECT STRUCTURE FILL ITEM 203.21, AS SHOWN ON THE STRUCTURAL PLANS, SHALL BE COMPLETED IMMEDIATELY FOLLOWING THE COMPLETION OF THE CURING PERIOD FOR THE ABUTMENTS AND WALLS.

SHOULDER AREAS DISTURBED BY THE CONTRACTOR AS PART OF THE WORK TO BE PERFORMED UNDER THIS CONTRACT, SHALL BE RESTORED AS SCHEDULED AND TO THE SATISFACTION OF THE ENGINEER. ALL THE DISTURBED GRASS SHALL BE GRADED AND SEEDED, ANY SEEDING AND TOPSOIL REQUIRED TO FINISH DISTURBED AREAS SHALL MEET THE REQUIREMENTS OF N.Y.S.D.O.T. ITEMS 610.6203 AND 613.0101. THE COST OF THIS SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS IN THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

THE COST OF ALL JOINT MATERIAL WILL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED ON THE PLANS.

SUBSTRUCTURE NOTES

- EXCAVATION BELOW PLANNED BOTTOM OF FOOTING ELEVATION WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. BACKFILL OF UNAUTHORIZED EXCAVATIONS BELOW OR BEYOND PAYMENT LINES WILL BE AT THE CONTRACTOR'S EXPENSE. BACKFILL MATERIAL WILL BE CONCRETE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- WHERE A COFFERDAM IS USED COMPLETELY OR PARTIALLY AROUND AN EXCAVATION, THE COST OF THE COFFERDAM AND THE COST OF DEWATERING THE ENTIRE EXCAVATION, REGARDLESS OF SOURCE OF WATER, SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS BID ITEMS IN THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
- ALL EXPOSED EDGES OF CONCRETE ARE TO BE CHAMFERED THREE-QUARTER (3/4) INCHES UNLESS OTHERWISE NOTED.
- FINISHING CONCRETE SURFACES: IMMEDIATELY AFTER FORMS HAVE BEEN REMOVED, SURFACES EXPOSED TO VIEW SHALL HAVE ALL PROJECTIONS AND IRREGULARITIES REMOVED AND ALL CAVITIES NEATLY FILLED WITH MORTAR OF THE PROPORTION USED IN THE CONCRETE. ALL OTHER REQUIREMENTS OF SUBSECTION 605-5.08 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 1, 2008 AND ALL SUBSEQUENT ADDENDA SHALL ALSO APPLY.
- WHERE WEEP HOLES ARE SHOWN IN ABUTMENTS AND WALLS, THE WEEP HOLES SHALL BE COVERED BY A 2 FOOT BY 2 FOOT SQUARE OF GEOTEXTILE BEDDING CONFORMING TO THE REQUIREMENTS OF SECTION 207 - GEOTEXTILE, CENTERED OVER THE REAR FACE OF THE WEEP HOLES. THE FABRIC SHALL BE SECURELY ATTACHED IN A MANNER APPROVED BY THE ENGINEER. THE COST OF THE FABRIC SHALL BE INCLUDED IN THE APPROPRIATE ITEM OF THE CONTRACT.

SUPERSTRUCTURE NOTES

- CONTRACTOR SHALL PROVIDE DESIGN SIGNED BY A N.Y.S. LICENSED PROFESSIONAL ENGINEER OF PRECAST SPAN UNITS AND PRECAST CONCRETE WINGWALLS SOURCE OF THE GENERAL DIMENSIONS AND REQUIREMENTS SHOWN ON THESE PLANS. THE END SPAN UNITS SHALL BE DESIGNED TO RESIST THE FORCE OF TRAFFIC LOADING (TRANSVERSE FORCE AND OVERTURNING MOMENT) FROM AN IMPACT ON THE RAILING AT A TESTING LEVEL TL-2 IN ACCORDANCE WITH NCHRP 350 AND SAFETY FACTOR OF 1.5.

MISCELLANEOUS NOTES

- THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES", WHILE PERTAINING TO THE SPECIFIC SHEETS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
- NO ADDITIONAL PAYMENT WILL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS OR IN THE SPECIFICATIONS UNLESS PAYMENT IS SPECIFICALLY INDICATED BY ITEM NUMBER. THE COST OF WORK FOR WHICH NO PAYMENT ITEM IS INDICATED, SHALL BE INCLUDED IN THE UNIT PRICES BID FOR VARIOUS ITEMS OF THIS CONTRACT.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND PROPERLY DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THE AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
- THE CONTRACTOR IS TO VISIT THE SITE BEFORE BIDDING, TO BECOME FAMILIAR WITH THE FIELD CONDITIONS AND TO JUDGE THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THIS CONTRACT. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR BECAUSE OF THE CONTRACTOR'S FAILURE TO INCLUDE IN THE BID ALL ITEMS AND MATERIALS WHICH ARE REQUIRED TO BE FURNISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- ALL WORK AREAS AT THE STRUCTURE OR OPEN CUTS SHALL BE COMPLETELY FENCED (FENCING SHALL BE MAINTAINED AS REQUIRED FOR THE DURATION OF THE PROJECT), CONFORMING WITH OSHA REGULATIONS, TO THE SATISFACTION OF THE ENGINEER, TO PROTECT THE PUBLIC AND PREVENT UNAUTHORIZED ENTRY. THE COST OF THIS WORK IS TO BE INCLUDED IN ITEM 619.01.
- THE CONTRACTOR SHALL PROTECT WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
- IT WILL BE THE CONTRACTOR'S OBLIGATION AND RESPONSIBILITY TO USE METHODS AND EQUIPMENT WHICH WILL INSURE THE SATISFACTORY COMPLETION OF THE REQUIRED WORK WITHIN THE TIME FRAME ESTABLISHED IN THE CONTRACT PROPOSAL.
- PROTECTION TO THE PUBLIC: THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF SECTION 107, LOCAL RELATIONS APPLICABLE TO THE PUBLIC, OF THE STANDARD SPECIFICATIONS DATED MAY 1, 2008 INCLUDING CURRENT ADDITIONS AND MODIFICATIONS.
- IF THE CONTRACTOR IS APPROVED TO WORK NIGHTTIME OPERATIONS, THE WORK AREA SHALL BE ILLUMINATED TO THE SATISFACTION OF THE ENGINEER.
- WHILE IT IS EXPECTED THAT ALL APPLICABLE OSHA REGULATIONS WILL BE FOLLOWED, THE CONTRACTOR'S ATTENTION IS SPECIFICALLY DRAWN TO 29 CFR 1926.353(C)(3) WHICH REQUIRES EMPLOYEES INVOLVED WITH CUTTING STEEL, COATED WITH LEAD-BASED PAINT, TO BE PROTECTED BY FILTER TYPE RESPIRATORS. IN ORDER TO COMPLETE THIS CONTRACT, HEATING, CUTTING OR WELDING OF LEAD-BASED PAINTED STEEL MAY BE NECESSARY. APPROPRIATE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO COMPLY WITH THE ABOVE MENTIONED REGULATION. THE COST OF PROVIDING PROTECTION SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM.
- THE CONTRACTOR SHALL PROVIDE SURVEY AND STAKE OUT FOR THIS PROJECT. THE COST FOR THE SURVEY AND STAKE OUT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE CONTRACT.
- CONTRACTOR SHALL PROVIDE SIGNS AND BARRICADES AT EACH END OF THE WORK AREA AS NECESSARY TO CLOSE/DETOUR THE ROAD TO TRAFFIC. COST TO BE INCLUDED IN ITEM 619.01 BASIC MAINTENANCE AND PROTECTION OF TRAFFIC. THE TOWN WILL POST A DETOUR.

RAILROAD NOTES

- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SUBSECTION 05-06, WORK AFFECTING RAILROADS, OF THE STANDARD SPECIFICATIONS.
- THE TEMPORARY PROTECTIVE MEASURES CONTAINED HEREIN OR TO BE CONSTRUCTED AS THE WORK PROGRESSES SHALL BE COORDINATED WITH PERMANENT FEATURES SPECIFIED ELSEWHERE IN THE CONTRACT TO THE EXTENT PRACTICAL TO ASSURE ECONOMICAL, EFFECTIVE, AND CONTINUOUS PROTECTION OF RAILROAD PROPERTY THROUGHOUT THE CONSTRUCTION PERIOD.
- TEMPORARY PROTECTION OF RAILROAD FACILITIES THAT ARE MADE NECESSARY BY THE CONTRACTOR'S NEGLIGENCE, CARELESSNESS, FAILURE TO INSTALL PERMANENT ITEMS AS A PART OF THE WORK AS SCHEDULED AND DIRECTED BY THE ENGINEER, OR ARE MADE NECESSARY BY THE CONTRACTOR'S FAILURE TO PERFORM THE SEQUENCE AND SCHEDULING OF WORK AS PART OF HIS SCHEDULE AS GIVEN IN THE PRE-CONSTRUCTION CONFERENCE OR AS LATER AMENDED AND APPROVED, SHALL BE DIRECTED BY THE ENGINEER TO BE ACCOMPLISHED AND PERFORMED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- MATERIALS AND CONSTRUCTION DETAILS REQUIRED FOR PROTECTION OF RAILROAD FACILITIES WILL BE AS SHOWN ON THE PLANS AND/OR AS DETERMINED AND AS SPECIFIED BY THE ENGINEER AND/OR RAILROAD COMPANY AND APPROVED BY THE ENGINEER AS THE WORK PROGRESSES.
- THE ACTUAL AMOUNT TO BE PAID FOR TEMPORARY PROTECTION OF RAILROAD FACILITIES WILL BE COMPUTED AS INDICATED IN THE SPECIFICATIONS.
- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN FOR THE FULL DURATION OF THE ROAD AND BRIDGE CLOSURE A TEMPORARY WIRE MESH FENCE FOR USE AS A WORK LIMIT FOR PROTECTION OF RAILROAD PROPERTY. THE TEMPORARY WIRE MESH FENCE SHALL BE A MINIMUM OF FIVE (5) FEET IN HEIGHT, BE SUPPORTED BY STURDY FENCE POSTS SPACED AT A MAXIMUM OF SIX (6) FEET, AND SHALL BE SECURED TO A TAUT 6-GAUGE TOP WIRE ATTACHED TO THE FENCE POSTS. THE TEMPORARY WIRE MESH FENCE SHALL BE APPROVED BY THE ENGINEER AND THE RAILROAD AND BE LOCATED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND/OR THE RAILROAD AND SHALL BE COMPLETELY REMOVED AND DISPOSED OF BY THE CONTRACTOR AT THE COMPLETION OF THE WORK. THE COST OF TEMPORARY WIRE MESH FENCING WILL BE PAID FOR UNDER THE APPROPRIATE BID ITEM IN THE CONTRACT DOCUMENTS.

REVISION		
NO.	DATE	DESCRIPTION

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SPECTRO ENGINEERING ARCHITECTURE & SURVEYING P.C.

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
	NEW YORK		2	15
TOWN OF ONEONTA				
PONY FARM ROAD				
OTSEGO COUNTY				
P.I.N. -----			B.I.N. 3227670	

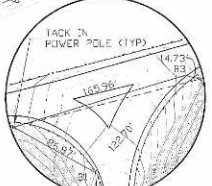
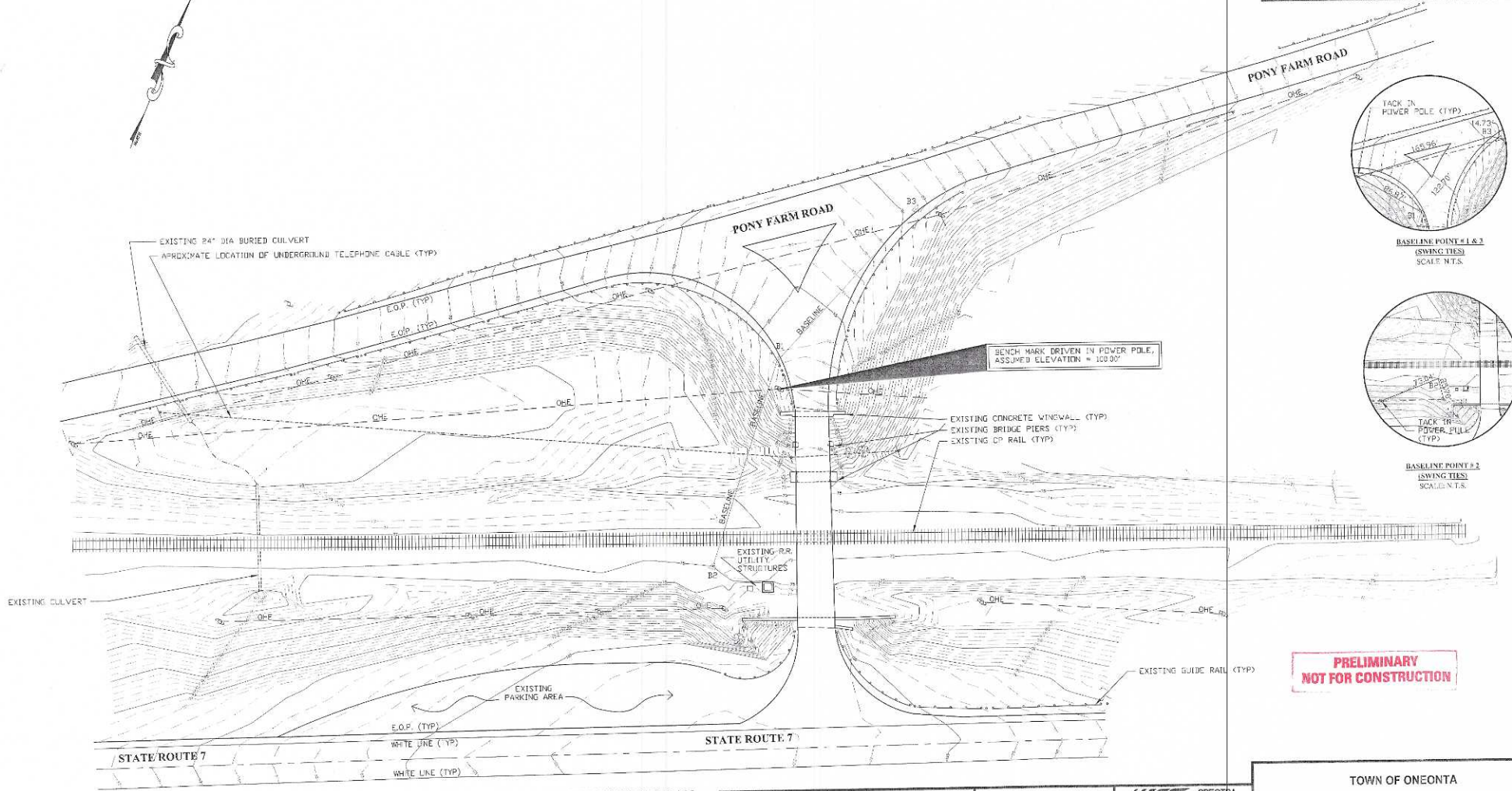
WORK TO BE DONE

- PROVIDE THE NECESSARY MAINTENANCE AND PROTECTION OF TRAFFIC IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR AS ORDERED BY THE ENGINEER. THE TOWN SHALL SUPPLY AND MAINTAIN THE DETOUR SIGNS.
- PROVIDE THE NECESSARY MAINTENANCE AND PROTECTION FOR THE CP RAILROAD IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND AS ORDERED BY THE ENGINEER.
- INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES OR AS DIRECTED BY THE ENGINEER.
- REMOVE AND DISPOSE OF EXISTING SUPERSTRUCTURE.
- REMOVE AND DISPOSE OF EXISTING SUBSTRUCTURE.
- EXCAVATE AND INSTALL CAST IN PLACE FOOTINGS AND STEM WALLS.
- INSTALL PRECAST SUPERSTRUCTURE AND PRECAST WINGWALLS.
- INSTALL SELECT STRUCTURE FILL BEHIND SUPERSUBSTRUCTURE AND WINGWALLS.
- CONSTRUCT NEW HORIZONTAL AND VERTICAL ALIGNMENT AS SHOWN ON THE CONTRACT DOCUMENTS AND INSTALL SUBBASE, PAVEMENT, AND GUIDE RAIL.
- PERFORM ALL REMAINING WORK AS SHOWN ON THE PLANS.
- OPEN BRIDGE TO TWO-WAY TRAFFIC.
- CLEAN-UP AND SITE RESTORATION IN ACCORDANCE WITH THE CONTRACT AND A.D.18.12.

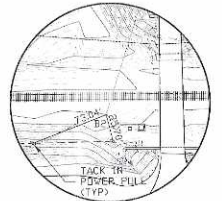
PRELIMINARY NOT FOR CONSTRUCTION

TOWN OF ONEONTA	
PONY FARM ROAD OVER CP RAIL	
GENERAL NOTES	
DATE: 6/15/09	SHEET NO.
SCALE: AS SHOWN	2 OF 15
FILE NO.: 08160	DRAWING NO.
CAD FILE NO.: 08160-02	08160-02

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
	NEW YORK		4	15
TOWN OF ONEONTA				
PONY FARM ROAD				
OTSEGO COUNTY				
P.I.N.	B.I.N. 2227870			



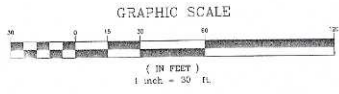
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(SWING TIES)
SCALE: N.T.S.



BASELINE POINT # 3
(SWING TIES)
SCALE: N.T.S.

**PRELIMINARY
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EXISTING SITE PLAN
SCALE: 1" = 30'



REVISION		
NO.	DATE	DESCRIPTION

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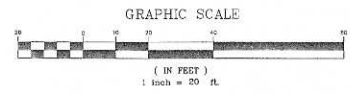
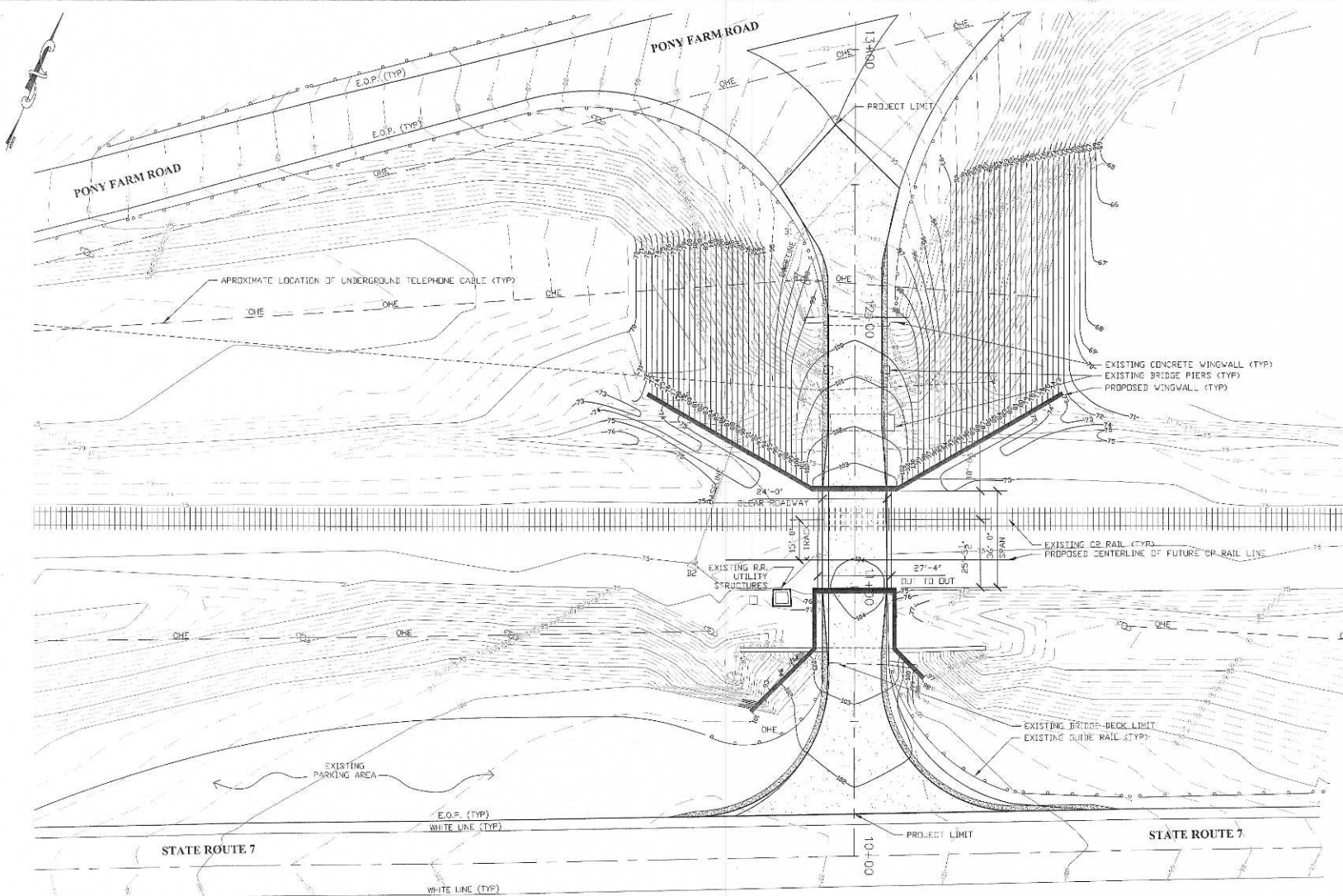
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SPECTRA ENGINEERS ARCHITECTURE SURVEYING P.C.

TOWN OF ONEONTA	
PONY FARM ROAD OVER CP RAIL	
EXISTING SITE PLAN	
DATE: 8/15/09	SHEET NO. 4 OF 15
SCALE: AS SHOWN	DRAWING NO. 08160-4
FILE NO.: 08160	CAD FILE NO.: 08160_4_15

DESIGN SUPERVISOR: J.D. SELIGMAN
 JOB MANAGER: J.D. SELIGMAN
 DESIGNED BY: J.D. SELIGMAN
 CHECKED BY: J.C.S.
 DRAFTED BY: J.D. SELIGMAN
 ESTABLISHED BY: J.D. SELIGMAN

DESIGN SUPERVISOR: J.D. SELIGMAN
 JOB MANAGER: J.D. SELIGMAN
 DESIGNED BY: J.D. SELIGMAN
 CHECKED BY: J.D. SELIGMAN
 ESTIMATED BY: J.C.S.
 DRAFTED BY: J.D. SELIGMAN
 CHECKED BY: J.D. SELIGMAN
 DATE: 6/15/09



SITE PLAN
STA. 10+00 TO STA. 13+00
 SCALE: 1"=20'

REVISION		
NO.	DATE	DESCRIPTION

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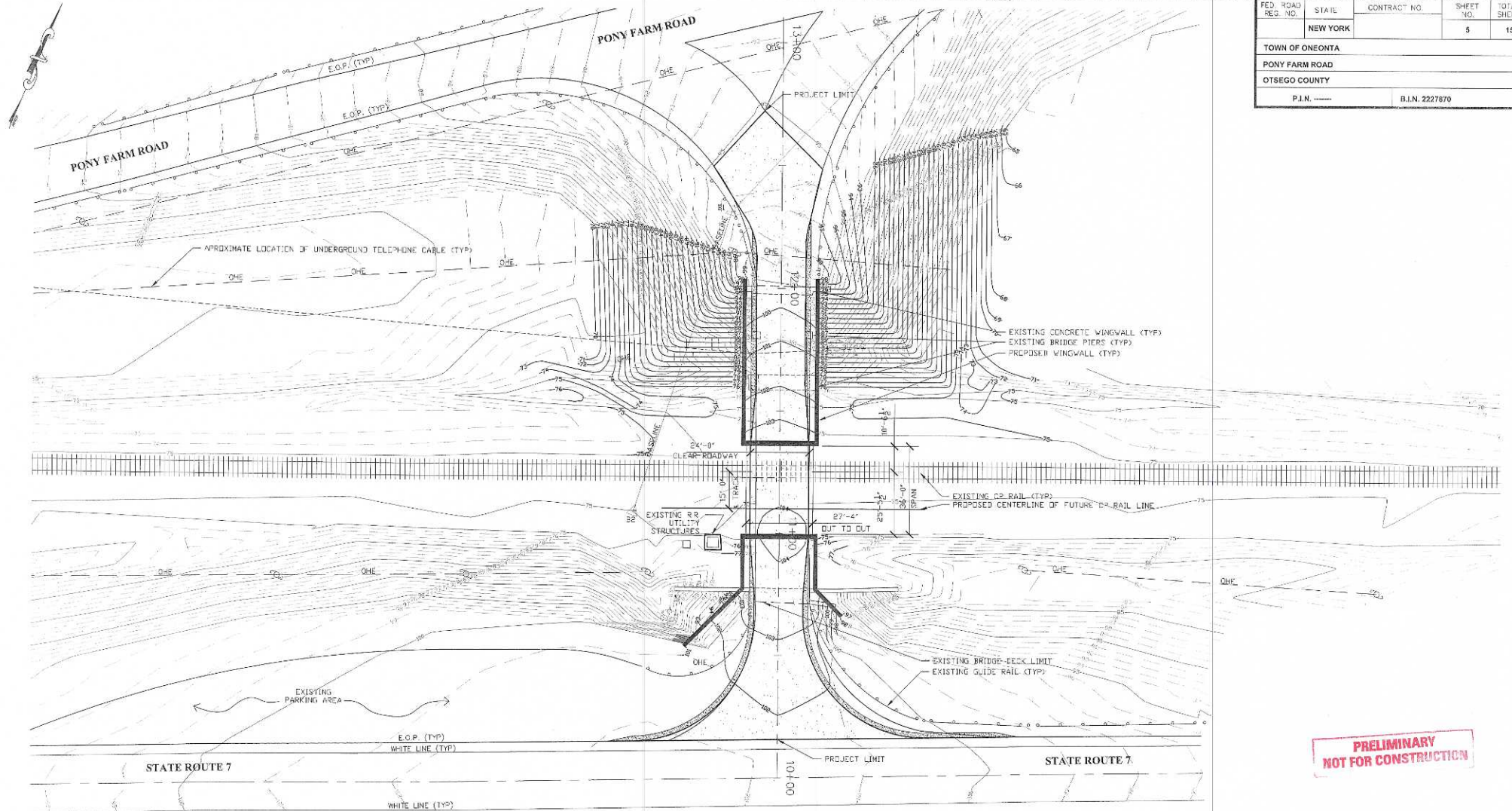
FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
	NEW YORK		5	15
TOWN OF ONEONTA				
PONY FARM ROAD				
OTSEGO COUNTY				
P.I.N. -----			B.I.N. 2227870	

PRELIMINARY
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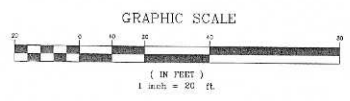
OPTION # 1

TOWN OF ONEONTA	
PONY FARM ROAD OVER CP RAIL	
PROPOSED SITE PLAN STA. 10+00 TO STA. 13+00	
DATE: 6/15/09	SHEET NO. 5 OF 15
SCALE: AS SHOWN	DRAWING NO.
FILE NO.: 08160	08160-5
CAD FILE NO.: 08160-4_15	

DESIGN SUPERVISOR: J.D. SELIGMAN
 JOB MANAGER: J.D. SELIGMAN
 DESIGNED BY: J.D. SELIGMAN
 ESTIMATED BY: J.D. SELIGMAN
 DRAWN BY: J.A.S.
 CHECKED BY: J.D. SELIGMAN



FED. ROAD REP. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
	NEW YORK		5	15
TOWN OF ONEONTA				
PONY FARM ROAD				
OTSEGO COUNTY				
P.L.N. -----			B.I.N. 2227870	

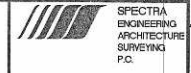


SITE PLAN
STA. 10+00 TO STA. 13+00
 SCALE: 1"=30'

REVISION		
NO.	DATE	DESCRIPTION

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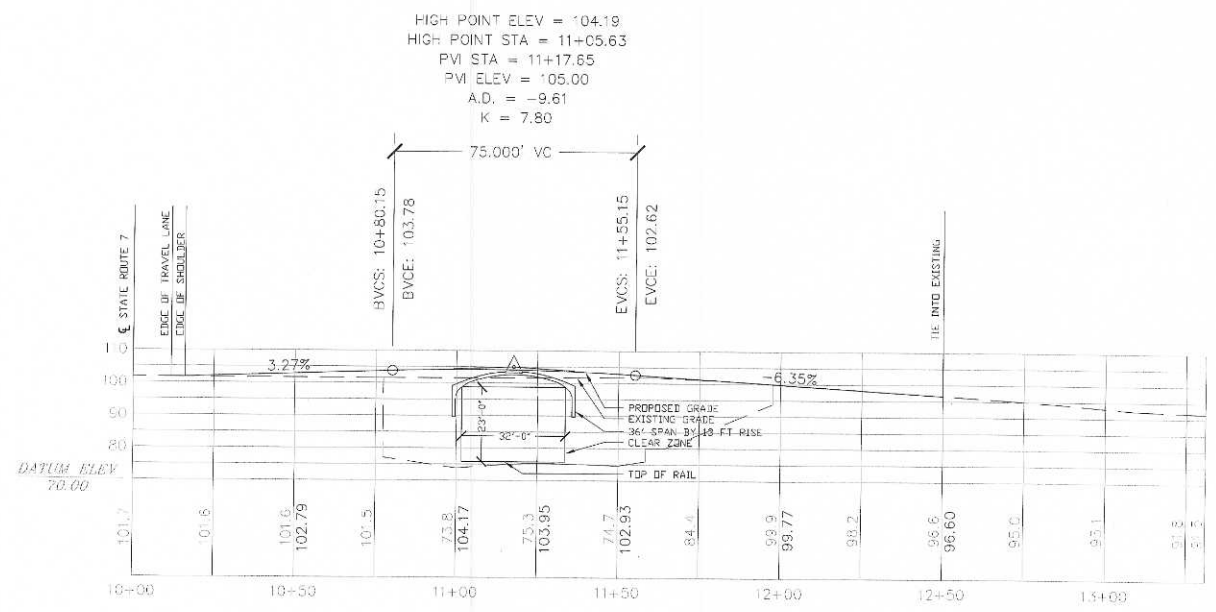
PRELIMINARY
 NOT FOR CONSTRUCTION

OPTION # 2

TOWN OF ONEONTA	
PONY FARM ROAD OVER CP RAIL	
PROPOSED SITE PLAN STA. 10+00 TO STA. 13+00	
DATE: 6/15/09	SHEET NO. 5 of 15
SCALE: AS SHOWN	DRAWING NO. 08160
FILE NO.: 08160	CAD FILE NO.: 08160-4_15
	08160-5

DESIGNED BY J.D. SELIGMAN
 CHECKED BY J.D. SELIGMAN
 ESTIMATED BY
 DRAFTED BY J.C.S.
 CHECKED BY J.D. SELIGMAN
 JOB MANAGER J.D. SELIGMAN
 DESIGN SUPERVISOR J.D. SELIGMAN

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
	NEW YORK		6	15
TOWN OF ONEONTA				
PONY FARM ROAD				
OTSEGO COUNTY				
P.I.N. -----			B.I.N. 2227870	



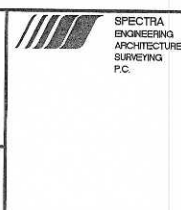
CENTERLINE PROFILE
STA. 10+00 TO STA. 13+30.99
 SCALE: 1"=20'

**PRELIMINARY
 NOT FOR CONSTRUCTION**

REVISION		
NO.	DATE	DESCRIPTION

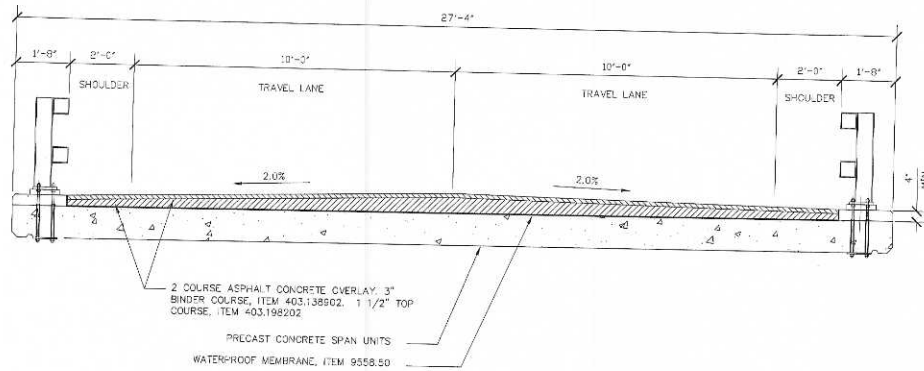
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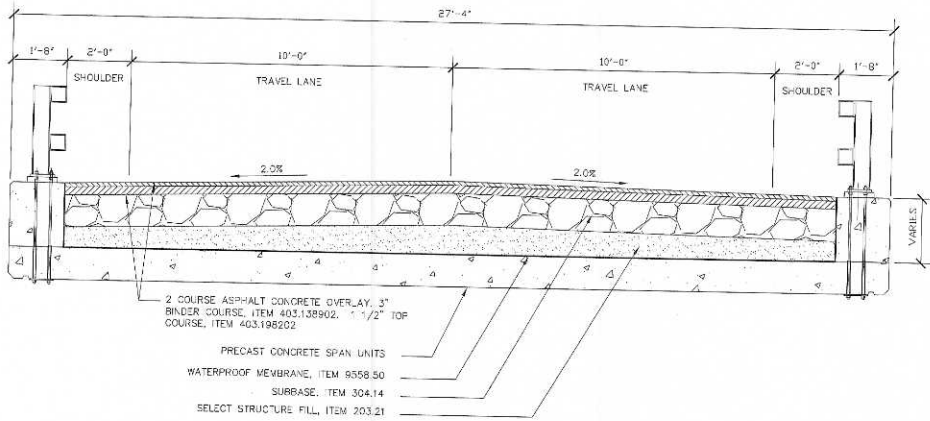


TOWN OF ONEONTA	
PONY FARM ROAD OVER CP RAIL	
CENTERLINE PROFILE STA. 10+00 TO STA. 13+00	
DATE :	8/15/09
SCALE :	AS SHOWN
FILE NO. :	08160
CAD FILE NO. :	PROFILES
SHEET NO.	6 OF 15
DRAWING NO.	08160-15

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
	NEW YORK		8	15
TOWN OF ONEONTA				
PONY FARM ROAD				
OTSEGO COUNTY				
P.I.N. -----			B.I.N. 2227870	



BRIDGE SECTION AT MIDSPAN
SCALE: 1/2" = 1'-0"



BRIDGE SECTION AT ENDS
SCALE: 1/2" = 1'-0"

**PRELIMINARY
NOT FOR CONSTRUCTION**

REVISION		
NO.	DATE	DESCRIPTION

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TOWN OF ONEONTA		
PONY FARM ROAD OVER CP RAIL		
SUPERSTRUCTURE DETAILS		
DATE :	6/15/09	SHEET NO.
SCALE :	AS SHOWN	8 OF 15
FILE NO. :	08160	DRAWING NO.
CAD FILE NO. :	08160-2_15	08160-8

DESIGN SUPERVISOR: J.D. SELIGMAN
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 ESTIMATED BY: J.C.S.
 DRAFTED BY: J.C.S.
 CHOSED BY: J.D. SELIGMAN