

FILE NAME = S:\P-projects\114-2041-041-041-Troy Traffic Study\ dgn\CADD Sheets\08xxxxr-sht-general.dgn

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
- AMEREN IP
 - KINDER, MORGAN
 - BUCKEYE PARTNERS
 - AT&T
 - CHARTER COMMUNICATIONS
 - CITY OF TROY

- ELECTRIC & GAS
 - NATURAL GAS PIPELINE
 - NATURAL GAS PIPELINE
 - TRANSMISSION & DISTRIBUTION
 - CABLE
 - WATER
- MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY •
- NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
2. IN ADDITION TO SURVEYS, SOME OF THE PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING CONDITIONS HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLANS SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE RIGHT-OF-WAY PLATS SHALL BE THE CONTROLLING DOCUMENT.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF SUCH FACILITIES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.
6. REMOVAL OF EXISTING GRAVEL OR CRUSHED STONE BASE USED FOR SHOULDERS, ENTRANCES, OR THE EXISTING MULTI-USE PATH SHALL BE PAID FOR AS EARTH EXCAVATION.
7. THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
8. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
9. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS AND TO THE TOP AND FACE OF CURB.
10. END SECTIONS OR HEADWALLS MAY EXIST WHERE MISCELLANEOUS ENTRANCE PIPE CULVERTS ARE INDICATED TO BE REMOVED. PAYMENT FOR THE REMOVAL OF END SECTIONS OR HEADWALLS WILL NOT BE MADE SEPARATELY, BUT CONSIDERED AS INCLUDED IN THE COST OF PIPE CULVERT REMOVAL.
11. SOME EXISTING STORM SEWER AND CULVERT INFORMATION USED ON THESE PLANS WERE DEVELOPED FROM OFFICE RECORDS OR OTHERWISE HISTORICAL DATA. FINAL ELEVATIONS FOR INCORPORATING EXISTING DRAINAGE FACILITIES INTO THE PROPOSED SYSTEM SHALL BE DETERMINED BY THE ENGINEER. ALL SIZES AND DIMENSIONS OF THE EXISTING FACILITIES SHALL BE VERIFIED BEFORE ORDERING NEW MATERIALS.
12. STATION/OFFSETS FOR PROPOSED DRAINAGE STRUCTURES IS TO THE CENTER OF THE STRUCTURE.
13. EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT OPEN TO TRAFFIC SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
14. ACCESS SHALL BE MAINTAINED TO PUBLIC, PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES. AN ESTIMATED QUANTITY OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES AND WORK AREAS DURING CONSTRUCTION. (SEE SPECIAL PROVISIONS)

COMMITMENTS

NONE

HIGHWAY STANDARDS

- 000001-07
 - 001006
 - 280001-07
 - 353001-05
 - 420001-09
 - 420101-06
 - 420106-06
 - 424001-11
 - 424006-04
 - 424026-03
 - 442201-03
 - 482001-02
 - 542001-06
 - 542301-03
 - 542311-07
 - 542401-03
 - 602301-04
 - 602306-03
 - 602401-06
 - 602601-06
 - 602701-02
 - 604006-05
 - 604011-05
 - 604036-03
 - 606001-07
 - 606006-04
 - 701001-02
 - 701006-05
 - 701011-04
 - 701201-05
 - 701301-04
 - 701306-04
 - 701311-03
 - 701326-04
 - 701801-06
 - 701901-08
 - 720001-01
 - 720006-04
 - 720011-01
 - 720016-04
 - 729001-01
 - 780001-05
 - 781001-04
 - 805001-01
 - 814001-03
 - 814006-02
 - 857001-01
 - 862001-01
 - 873001-02
 - 876001-04
 - 877001-07
 - 878001-10
 - 880006-01
 - 886001-01
 - 886006-01
 - BLR 21-9
 - BLR 22-7

- STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 - DECIMAL OF AN INCH AND OF A FOOT
 - TEMPORARY EROSION CONTROL SYSTEMS
 - PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
 - PAVEMENT JOINTS
 - 24' (7.2 M) JOINTED PCC PAVEMENT
 - 36' (10.8 M) JOINTED PCC PAVEMENT
 - PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 - DIAGONAL CURB RAMPS FOR SIDEWALKS
 - ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
 - CLASS C AND D PATCHES
 - HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
 - CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
 - PRECAST REINFORCED CONCRETE FLARED END SECTION
 - TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
 - METAL FLARED END SECTION FOR PIPE CULVERTS
 - INLET, TYPE A
 - INLET, TYPE B
 - PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMTER
 - PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 - MANHOLE STEPS
 - FRAME AND GRATE, TYPE 3
 - FRAME AND GRATE, TYPE 3V
 - GRATE, TYPE 8
 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 - OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
 - OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
 - OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
 - OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
 - LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
 - LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 - LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
 - LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 - LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
 - SIDEWALK, CORNER OR CROSSWALK CLOSURE
 - TRAFFIC CONTROL DEVICES
 - SIGN PANEL MOUNTING DETAILS
 - SIGN PANEL ERECTION DETAILS
 - METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
 - MAST ARM

FILE NAME = S:\Projects\114-0041-201Y Troy Traffic Study\Sign\CR00 Sheets\08xxxxx-sh-1-S00.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	7480
20800150	TRENCH BACKFILL	CU YD	327.1
25000110	SEEDING, CLASS 1A	ACRE	4
25000200	SEEDING, CLASS 2	ACRE	1.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	508
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	508
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	508
25100115	MULCH, METHOD 2	ACRE	5.75
25100630	EROSION CONTROL BLANKET	SQ YD	7159
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	15
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	564
28000305	TEMPORARY DITCH CHECKS	FOOT	321
28000400	PERIMETER EROSION BARRIER	FOOT	944
28000500	INLET AND PIPE PROTECTION	EACH	25
28001000	AGGREGATE (EROSION CONTROL)	TON	5
28100107	STONE RIPRAP, CLASS A4	SQ YD	243
28200200	FILTER FABRIC	SQ YD	243
△ 30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	10940
△ 30201500	LIME	TON	210.7
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	566
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	5294
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	175
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	630
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	117
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	70
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	5310
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	509
40600990	TEMPORARY RAMP	SQ YD	158
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	1916
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	767

△ SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1564.2
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	112
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	4527
42001300	PROTECTIVE COAT	SQ YD	5491
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	45
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1571
42400800	DETECTABLE WARNINGS	SQ FT	36
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	114
44004250	PAVED SHOULDER REMOVAL	SQ YD	1190
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SQ YD	11
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SQ YD	17
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4063
48101200	AGGREGATE SHOULDERS, TYPE B	TON	69
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	1192
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1220
50105220	PIPE CULVERT REMOVAL	FOOT	180
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	63
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	142
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	44
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	1
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	34
54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4	EACH	2
54262715	METAL FLARED END SECTIONS 15"	EACH	2
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	245
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	361
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	177
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	80

△ SPECIALTY ITEMS



USER NAME = Betsy
MODEL NAME = S00 01
PLOT SCALE = 2.0000' / 1" =
PLOT DATE = 4/19/2018

FILE NAME = S:\P\Projects\414-0041-0HY Troy Traffic Study\Study.dgn\CA00 Sheets\08-xxxx-ahlt-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	7
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2075.5
△ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	260
△ 66900530	SOIL DISPOSAL ANALYSIS	EACH	1
△ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
△ 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	2
△ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	8
67100100	MOBILIZATION	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2843
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	185
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	16718
△ 72000100	SIGN PANEL - TYPE 1	SQ FT	40
△ 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	22
△ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	59
△ 72900100	METAL POST - TYPE A	FOOT	13
△ 73000100	WOOD SIGN SUPPORT	FOOT	114
△ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94
△ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12580
△ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	338
△ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	77
△ 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	63
△ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4382
△ 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	568
△ 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	68

△ SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	168
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	27
△ 80500100	SERVICE INSTALLATION, TYPE A	EACH	1
△ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	28
△ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	98
△ 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	125
△ 81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	105
△ 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	1466
△ 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	100
△ 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	18
△ 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	109
△ 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	16
△ 81400100	HANDHOLE	EACH	11
△ 81400200	HEAVY-DUTY HANDHOLE	EACH	2
△ 81400300	DOUBLE HANDHOLE	EACH	1
△ 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
△ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1154
△ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1182
△ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2659
△ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2105
△ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4043
△ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	42
△ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	517
△ 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	3
△ 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2
△ 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	2
△ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
△ 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3
△ 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
△ 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3

△ SPECIALTY ITEMS

	USER NAME = Betsy	DESIGNED - ESW	REVISED -	CITY OF TROY US 40 /SPRING VAL
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FILE NAME = S:\Projects\114-0841-2014 Troy Traffic Study\Drawings\CA000 Sheets\08xxxx-sh1-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
△ 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
△ 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
△ 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
△ 88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
△ 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
△ 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	10
△ 88500100	INDUCTIVE LOOP DETECTOR	EACH	12
△ 88600100	DETECTOR LOOP, TYPE I	FOOT	1832
△ 88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
X1200050	BOX CULVERT REMOVAL	FOOT	64
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	50
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5177
X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	190
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	1
X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	1
X6024242	INLETS, SPECIAL, NO. 1	EACH	4
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7010222	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 (SPECIAL)	L SUM	1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	14
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	5573
Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	2869
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0034105	MATERIAL TRANSFER DEVICE	TON	1276
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	164
# Z0076600	TRAINEES	Hour	1500
# Z0076604	TRAINEES TRAINING- PROGRAM GRADUATE	Hour	1500

△ SPECIALTY ITEMS
#0042



USER NAME = Betsy
MODEL NAME = 500.03
PLOT SCALE = 2.0000" = 1'-0"
PLOT DATE = 1/31/2019

DESIGNED - ESW
DRAWN - PDB
CHECKED - BRM
DATE - 4-10-18

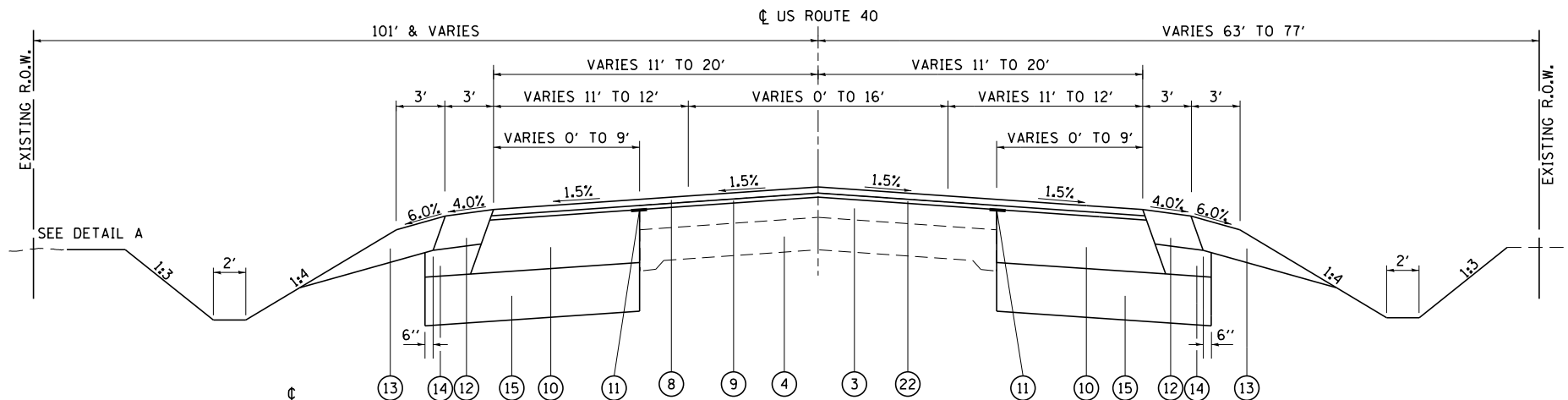
REVISED -
REVISED -
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REVISED -

CITY OF TROY
US 40 /SPRING VALLEY ROAD INTERSECTION

SUMMARY OF QUANTITIES			
US ROUTE 40 AND SPRING VALLEY ROAD			
SCALE:	SHEET 3	OF 3	SHEETS

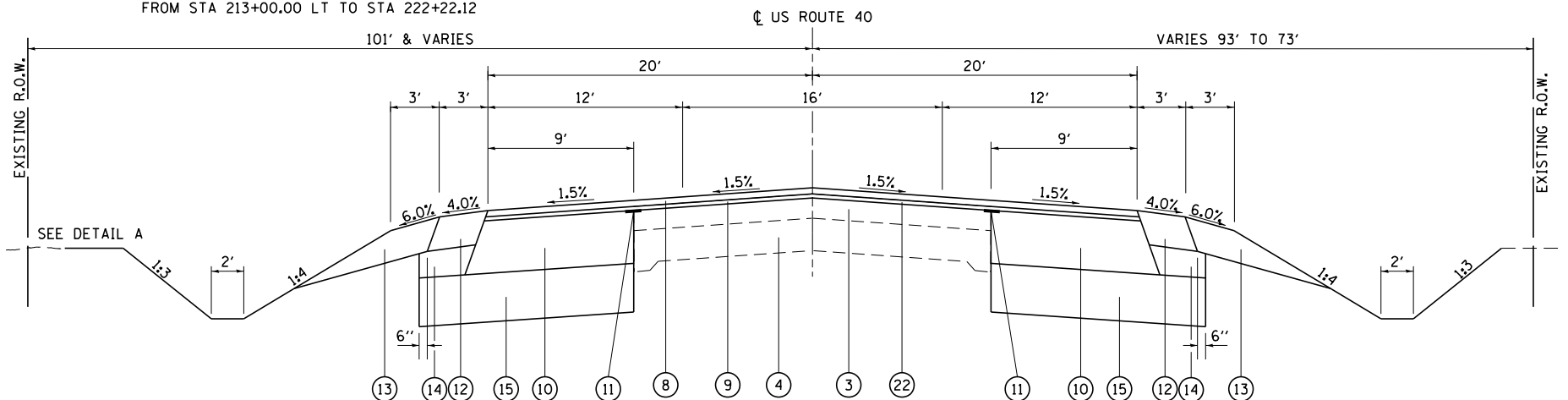
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	15-00028-01-TL	MADISON	108	5
• F.A.P. 793/F.A.U. 8861			CONTRACT NO. 97672	
[ILLINOIS] FED. AID PROJECT 232(1478)				

FILE NAME = S:\Projects\14-0041-0041-Troy Traffic Study\Drawings\CD00 Sheets\08xxxxx-sh-t-typos.dgn

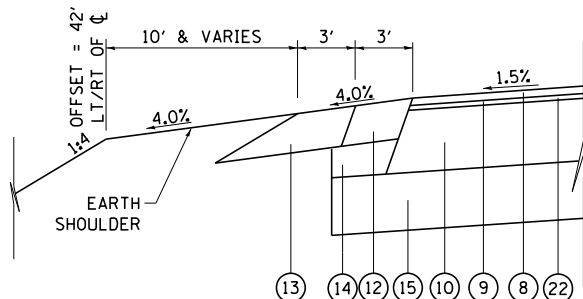


PROPOSED TYPICAL U.S. ROUTE 40
STA 201+32.42 TO STA 205+82.42
STA 217+72.12 TO STA 222+22.12

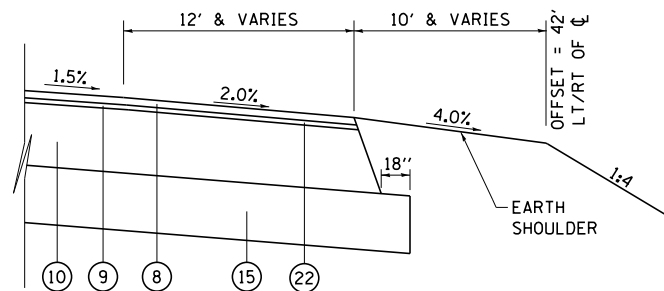
DETAIL A
PROPOSED BERM FOR EXISTING MCT TRAIL
FROM STA 213+00.00 LT TO STA 222+22.12



PROPOSED TYPICAL U.S. ROUTE 40
STA 205+82.42 TO STA 217+72.12



ALTERNATE EARTH BERM
STA 210+00.00 TO STA 210+82.87 RT
STA 210+72.44 TO STA 213+50.00 LT



ALTERNATE HMA WIDENING & EARTH BERM
STA 210+00.00 TO STA 212+72.44 LT
STA 210+82.87 TO STA 213+50.00 RT

LEGEND

- EXISTING AGGREGATE BASE, 10"±
- EXISTING OIL AND CHIP SURFACE, 2"±
- EXISTING RESURFACING, 6"±
- EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10"-8"-10"
- EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- EXISTING AGGREGATE SHOULDER, 6"
- PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1.5"
- PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90, 1"
- PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8.25"
- PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- PROPOSED AGGREGATE SHOULDER, TYPE B, 8"
- PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- PROPOSED LIME MODIFIED SOIL, 12"
- PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- PROPOSED AGGREGATE BASE COURSE, TYPE B 10"
- PROPOSED BITUMINOUS SURFACE TREATMENT, CLASS A-3 (BY OTHERS)
- PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- PROPOSED POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- PROPOSED INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- PROPOSED AGGREGATE BASE COURSE, TYPE B 6"

SEE GENERAL NOTES FOR MIX CHART FOR MATERIAL SPECIFICATIONS

PAVEMENT DESIGN

FAP 793 (US ROUTE 40)
STRUCTURAL DESIGN TRAFFIC: 17,200
PV= 15,652 SU= 1,032 MU= 516
ROAD/STREET CLASSIFICATION: OTHER PRINCIPAL ARTERIAL, CLASS II TRUCK ROUTE CLASS ROAD: I
TRAFFIC FACTOR: ACTUAL TF= 3.17 MINIMUM TF= 3.17
MINIMUM SUBGRADE SUPPORT RATING: POOR
SELECTED DESIGN: 10.75" POLYMERIZED HOT-MIX ASPHALT PAVEMENT

FAU 8861 (SPRING VALLEY ROAD)
STRUCTURAL DESIGN TRAFFIC: 1,850
PV=1,584 SU=126 MU=90
ROAD/STREET CLASSIFICATION: MAJOR COLLECTOR, CLASS ROAD: III
TRAFFIC FACTOR: ACTUAL TF= 0.67 MINIMUM TF= 0.5
MINIMUM SUBGRADE SUPPORT RATING: POOR
SELECTED DESIGN: 8.0" JOINTED CONCRETE PAVEMENT



USER NAME = Betsy
MODEL NAME = TYP 2
PLOT SCALE = 10.0000' / in.
PLOT DATE = 4/19/2018

DESIGNED - ESW
DRAWN - PDB
CHECKED - BRM
DATE - 4-10-18

REVISED -
REVISED -
REVISED -
REVISED -

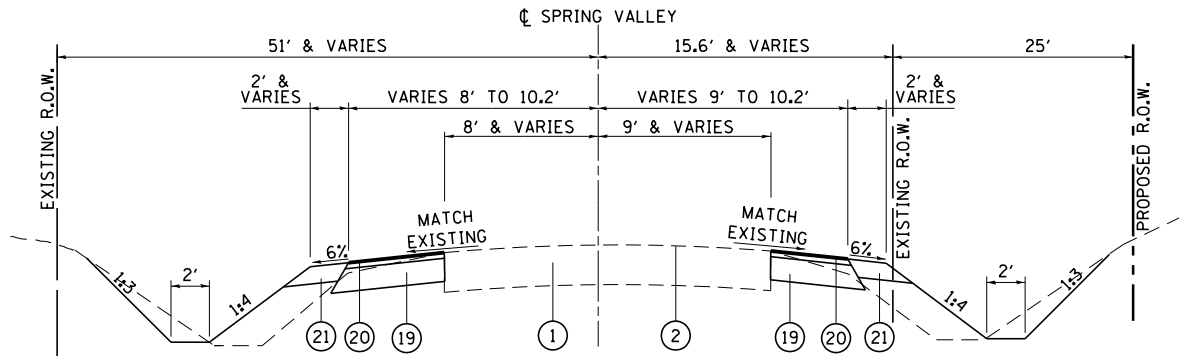
CITY OF TROY US 40 /SPRING VALLEY ROAD INTERSECTION

PROPOSED TYPICAL SECTIONS US ROUTE 40

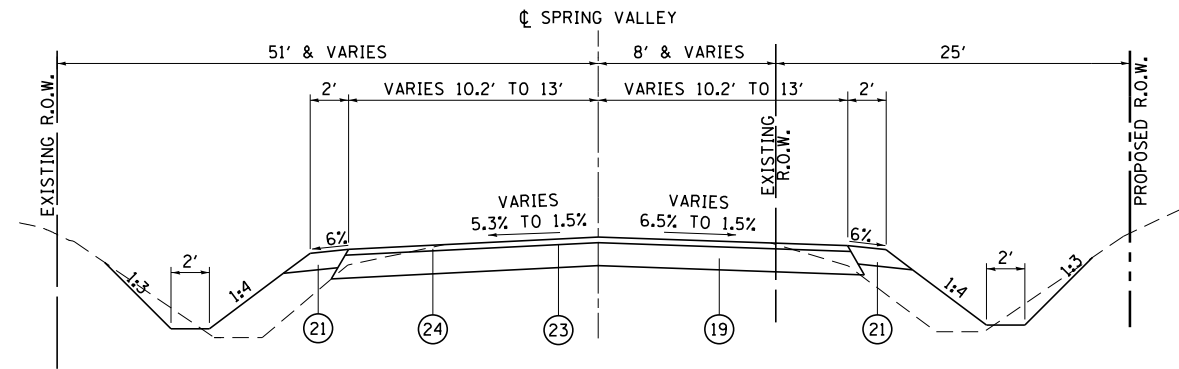
SCALE: SHEET 2 OF 4 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•				

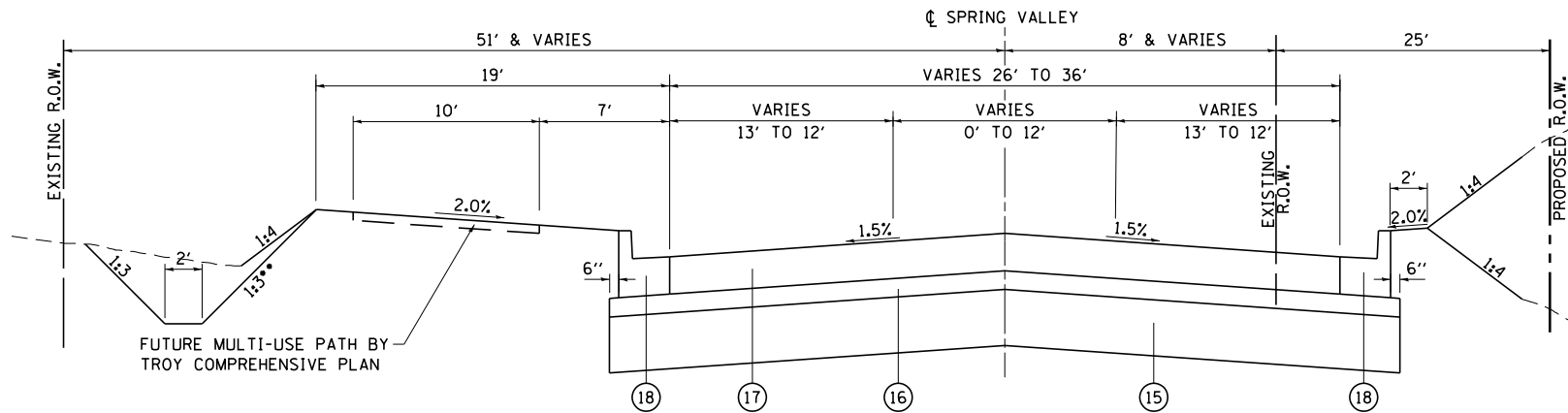
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PROPOSED TYPICAL SPRING VALLEY ROAD
STA 2+73.48 TO STA 3+69.07



PROPOSED TYPICAL SPRING VALLEY ROAD
STA 3+69.07 TO STA 4+81.07



••DITCH SECTION FROM
STA 13+40.70 TO STA 15+80.70

PROPOSED TYPICAL SPRING VALLEY ROAD
STA 4+81.07 TO STA 6+81.07
STA 13+40.85 TO STA 15+80.70

LEGEND

- EXISTING AGGREGATE BASE, 10"±
- EXISTING OIL AND CHIP SURFACE, 2"±
- EXISTING RESURFACING, 6"±
- EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10"-8"-10"
- EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- EXISTING AGGREGATE SHOULDER, 6"
- PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1.5"
- PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90, 1"
- PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8.25"
- PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- PROPOSED AGGREGATE SHOULDER, TYPE B, 8"
- PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- PROPOSED LIME MODIFIED SOIL, 12"
- PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- PROPOSED AGGREGATE BASE COURSE, TYPE B 10"
- PROPOSED BITUMINOUS SURFACE TREATMENT, CLASS A-3 (BY OTHERS)
- PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- PROPOSED POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- PROPOSED INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- PROPOSED AGGREGATE BASE COURSE, TYPE B 6"

SEE GENERAL NOTES FOR MIX CHART FOR MATERIAL SPECIFICATIONS

PAVEMENT DESIGN

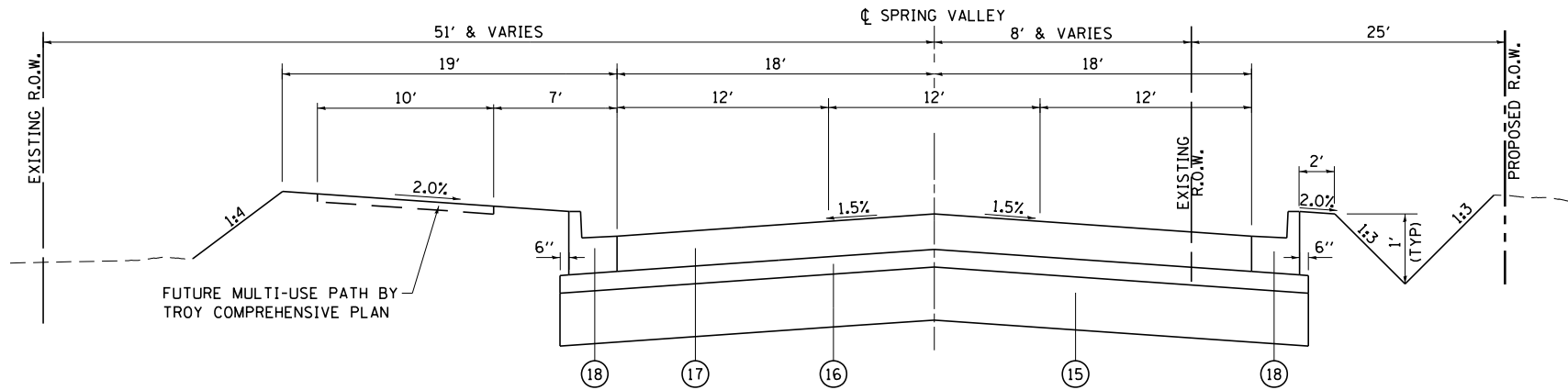
FAP 793 (US ROUTE 40)
STRUCTURAL DESIGN TRAFFIC: 17,200
PV= 15,652 SU= 1,032 MU= 516
ROAD/STREET CLASSIFICATION: OTHER PRINCIPAL ARTERIAL, CLASS II TRUCK ROUTE CLASS ROAD: I
TRAFFIC FACTOR: ACTUAL TF= 3.17 MINIMUM TF= 3.17
MINIMUM SUBGRADE SUPPORT RATING: POOR
SELECTED DESIGN: 10.75" POLYMERIZED HOT-MIX ASPHALT PAVEMENT

FAU 8861 (SPRING VALLEY ROAD)
STRUCTURAL DESIGN TRAFFIC: 1,850
PV= 1,584 SU= 126 MU= 90
ROAD/STREET CLASSIFICATION: MAJOR COLLECTOR, CLASS ROAD: III
TRAFFIC FACTOR: ACTUAL TF= 0.67 MINIMUM TF= 0.5
MINIMUM SUBGRADE SUPPORT RATING: POOR
SELECTED DESIGN: 8.0" JOINTED CONCRETE PAVEMENT

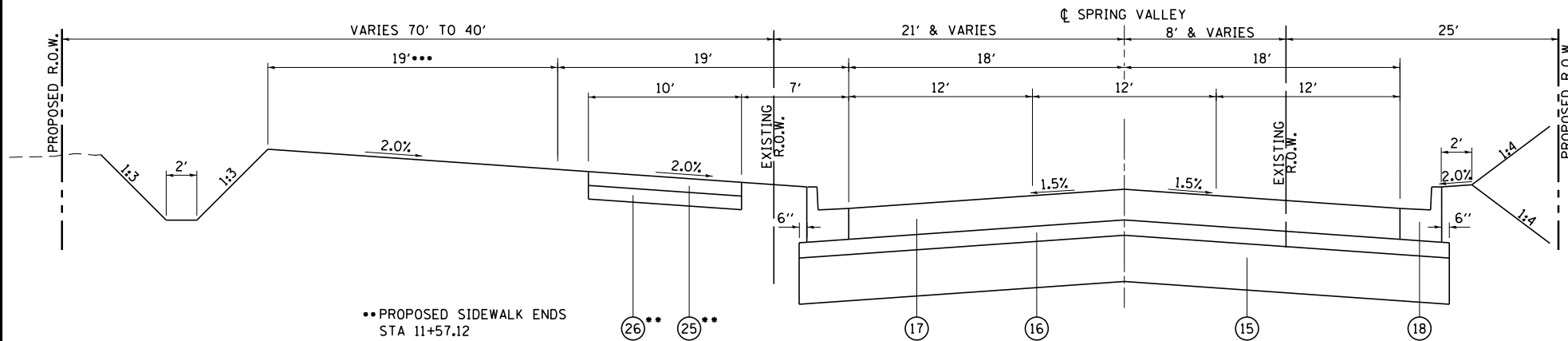


USER NAME = Betsy	DESIGNED - ESW	REVISED -
MODEL NAME = TYP 3	DRAWN - PDB	

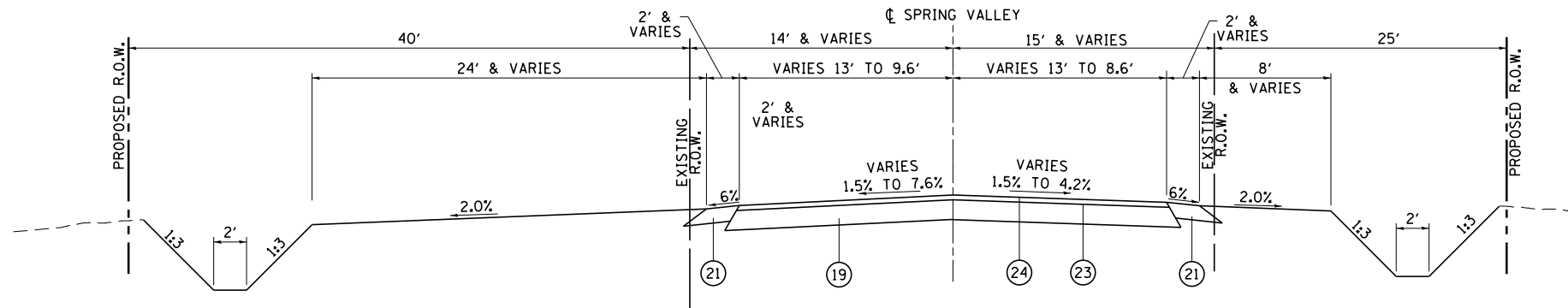
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PROPOSED TYPICAL SPRING VALLEY ROAD
STA 6+81.07 TO STA 9+69.00



PROPOSED TYPICAL SPRING VALLEY ROAD
STA 10+33.00 TO STA 13+40.85



PROPOSED TYPICAL SPRING VALLEY ROAD
STA 15+80.70 TO STA 17+13.55

LEGEND

- ① EXISTING AGGREGATE BASE, 10"±
- ② EXISTING OIL AND CHIP SURFACE, 2"±
- ③ EXISTING RESURFACING, 6"±
- ④ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10"-8"-10"
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- ⑥ EXISTING AGGREGATE SHOULDER, 6"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1.5"
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90, 1"
- ⑩ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8.25"
- ⑪ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑫ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑬ PROPOSED AGGREGATE SHOULDER, TYPE B, 8"
- ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑮ PROPOSED LIME MODIFIED SOIL, 12"
- ⑯ PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑰ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑱ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B 10"
- ⑳ PROPOSED BITUMINOUS SURFACE TREATMENT, CLASS A-3 (BY OTHERS)
- ㉑ PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- ㉒ PROPOSED POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- ㉓ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ㉔ PROPOSED INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
- ㉕ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- ㉖ PROPOSED AGGREGATE BASE COURSE, TYPE B 6"

SEE GENERAL NOTES FOR MIX CHART FOR MATERIAL SPECIFICATIONS

PAVEMENT DESIGN

FAP 793 (US ROUTE 40)
STRUCTURAL DESIGN TRAFFIC: 17,200
PV= 15,652 SU= 1,032 MU= 516
ROAD/STREET CLASSIFICATION: OTHER PRINCIPAL ARTERIAL, CLASS II TRUCK ROUTE CLASS ROAD: I
TRAFFIC FACTOR: ACTUAL TF= 3.17 MINIMUM TF= 3.17
MINIMUM SUBGRADE SUPPORT RATING: POOR
SELECTED DESIGN: 10.75" POLYMERIZED HOT-MIX ASPHALT PAVEMENT

FAU 8861 (SPRING VALLEY ROAD)
STRUCTURAL DESIGN TRAFFIC: 1,850
PV=1,584 SU=126 MU=90
ROAD/STREET CLASSIFICATION: MAJOR COLLECTOR, CLASS ROAD: III
TRAFFIC FACTOR: ACTUAL TF= 0.67 MINIMUM TF= 0.5
MINIMUM SUBGRADE SUPPORT RATING: POOR
SELECTED DESIGN: 8.0" JOINTED CONCRETE PAVEMENT



USER NAME = Betsy
MODEL NAME = TYP 4
PLOT SCALE = 10.0000' / in.
PLOT DATE = 4/19/2018

DESIGNED - ESW
DRAWN - PDB
CHECKED - BRM
DATE - 4-10-18

REVISED -
REVISED -
REVISED -
REVISED -

CITY OF TROY US 40 /SPRING VALLEY ROAD INTERSECTION

PROPOSED TYPICAL SECTIONS SPRING VALLEY ROAD

SCALE: SHEET 4 OF 4 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	15-00028-01-TL	MADISON	108	9
•	F.A.P. 793/F.A.U. 8861	CONTRACT NO. 97672		

ILLINOIS FED. AID PROJECT 232(478)

FILE NAME = S:\Projects\14-004-004-Troy Traffic Study\ dgn\CADD Sheets\08xxxxx-eh-t-schedule.dgn

EROSION CONTROL SCHEDULE							
LOCATION		EROSION CONTROL BLANKET	EARTH EXCAVATION FOR EROSION CONTROL	TEMPORARY DITCH CHECK	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	AGGREGATE (EROSION CONTROL)
STATION TO STATION	SIDE	(SQ YD)	(CU YD)	(EACH)	(FOOT)	(EACH)	(TON)
STA 199+00 TO STA 205+00	LT	413.55					
STA 199+00 TO STA 211+00	RT	1169.63					
STA 199+00	LT					1	
STA 199+00	RT		5.93				2.49
STA 204+00	LT			17			
STA 204+00	RT			17			
STA 205+32 TO STA 211+00	LT	487.68					
STA 206+00	LT			17			
STA 211+00	LT					1	
STA 211+06	RT					1	
STA 212+72 TO STA 223+50	LT	1685.54					
STA 212+72 TO STA 217+00	RT	611.83					
STA 213+00	LT					1	
STA 213+50 TO STA 221+00	LT			85			
STA 213+50 TO STA 217+00	RT			51			
STA 217+51 TO STA 221+50	RT	558.05					
STA 217+54	RT					1	
STA 219+00 TO STA 221+50	RT			51			
STA 223+47	LT					1	
STA 2+73 TO STA 4+73	LT	107.51					
STA 2+73 TO STA 4+73	RT	121.23					
STA 4+81 TO STA 9+05	LT				443.0		
STA 6+00 TO STA 9+15	RT	269.07					
7+00	LT					1	
7+00	RT					1	
8+67	LT					1	
8+67	RT					1	
8+67	RT					1	
9+13	LT					1	
9+13	RT					1	
9+50	RT					1	
STA 10+63 TO STA 11+49	LT	343.58					
10+80	LT					1	
10+80	RT					1	
STA 10+75 TO STA 15+75	RT				501.0		
STA 12+05 TO STA 16+00	LT	1173.72		30			
11+43	LT					1	
11+45	LT					1	
13+00	LT					1	
13+00	RT					1	
15+34	LT					1	
15+34	RT					1	
15+79	LT					1	
15+79	RT					1	
STA 15+79 TO STA 17+14	RT	217.20					
STA 16+00 TO STA 17+13	RT			26			
16+00	RT					1	
STA 31+00 (DITCH)	LT/RT			27			
STA 33+50 (DITCH)	LT/RT		8.89				2.49
SUBTOTAL		7158.59	14.82	321	944	25	4.98
TOTAL		7159	15	321	944	25	5

LOCATION	EARTH EXCAVATION (CU YD)	FOR INFORMATION ONLY			REMARKS
		EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	
US 40	5066.0	3799.5	1428.9	2370.6	
SPRING VALLEY	2218.4	1663.8	919.2	744.6	
PROPOSED DITCH	190.8				

FILE NAME = S:\Projects\14-004-004-Troy Traffic Study\ dgn\CADD Sheets\08xxxxx-sht-schedule.dgn

PAVING SCHEDULE (US 40)

LOCATION		PROCESSING MODIFIED SOIL 12"	LIME	SUBBASE GRANULAR MATERIAL, TYPE C	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TEMPORARY RAMP	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDERS, TYPE B 8"	HOT-MIX ASPHALT SHOULDERS, 8"
STATION TO STATION	ROADWAY	(SQ YD)	(TON)	(TON)	(POUND)	(TON)	(SQ YD)	(TON)	(TON)	(FT)	(SQ YD)	(SQ YD)
STA 201+32.42 TO STA 222+22.12	US 40	5645.5	108.7	565.3	5309.50	508.70	157.1	1916.0	766.2	4062.2	1191.3	1219.9
SUBTOTAL		5645.5	108.7	565.3	5309.5	508.7	157.1	1916.0	766.2	4062.2	1191.3	1219.9
PAY TOTAL		5646•	108.7 •	566	5310	509	158	1916	767	4063	1192	1220

• NOT A TOTAL QUANTITY

PAVING SCHEDULE (SPRING VALLEY)

LOCATION		PROCESSING MODIFIED SOIL 12"	LIME	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	AGGREGATE BASE COURSE, TYPE B 10"	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PROTECTIVE COAT	AGGREGATE SHOULDERS, TYPE B	CLASS SI CONCRETE (OUTLET)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
STATION TO STATION	ROADWAY	(SQ YD)	(TON)	(SQ YD)	(SQ YD)	(POUND)	(TON)	(SQ YD)	(SQ YD)	(TON)	(CU YD)	(FOOT)
STA 2+73.48 TO STA 4+41.07	SPRING VALLEY				21.1					34.0		
STA 4+41.07 TO STA 4+81.07	SPRING VALLEY				288.7	649.6	48.5		27.7	9.4		
STA 4+81.07 TO STA 9+69.00	SPRING VALLEY	2531.5	48.8	2531.5				2168.1	2494.7		5.6	954.2
STA 10+33.00 TO STA 15+80.70	SPRING VALLEY	2762.2	53.2	2762.2				2358.0	2741.6			1121.0
STA 15+80.70 TO STA 17+13.55	SPRING VALLEY				319.8	719.6	53.7			25.6		
SUBTOTAL		5293.7	102.0	5293.7	629.6	1369.2	102.2	4526.1	5264.0	69.0	5.6	2075.2
PAY TOTAL		5294•	102.0 •	5294	630	1369.2•	102•	4527	5264•	69	6	2075.5

• NOT A TOTAL QUANTITY

ENTRANCE SCHEDULE

LOCATION		TYPE	AGGREGATE SURFACE COURSE, TYPE B	AGGREGATE FOR TEMPORARY ACCESS	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PROTECTIVE COAT
STATION	ROADWAY		(TON)	(TON)	(POUND)	(TON)	(SQ YD)	(SQ YD)
STA 205+16.14 LT	US 40	FE	15.6					
STA 217+24.15 RT	US 40	CE	40.4	29.0	194.91	9.70		
STA 11+68.98 LT	SPRING VALLEY	CE	61.0				44.6	44.56
ACCESS DURING CONSTRUCTION				40.0				
SUBTOTAL			117.0	69.0	194.91	9.7	44.6	44.6
PAY TOTA			117	70	195.0•	10•	45	45•

• NOT A TOTAL QUANTITY

SIDEWALK SCHEDULE

LOCATION				AGGREGATE BASE COURSE, TYPE B 6"
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FILE NAME = S:\P-projects\14-004-004-Troy Traffic Study\ dgn\CADD Sheets\08xxxxx-sh-t-schedule.dgn

STORM SEWER SCHEDULE

LOCATION			TRENCH BACKFILL	STORM SEWERS, CLASS A, TYPE 1 12'' (FOOT)	STORM SEWERS, CLASS A, TYPE 1 15'' (FOOT)	STORM SEWERS, CLASS A, TYPE 1 18'' (FOOT)	STORM SEWERS, CLASS A, TYPE 1 21'' (FOOT)	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH (FOOT)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15'' (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18'' (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21'' (EACH)
STATION TO STATION	SIDE	STRUCTURE TO STRUCTURE		(CU YD)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)
STA 7+00 TO STA 7+00	LT/RT	2 TO 1	6.47	38							
STA 7+00 TO STA 8+67	RT	1 TO 3	38.63					164			
STA 8+67 TO STA 8+67	LT/RT	4 TO 3	7.25	42							
STA 8+67 TO STA 8+67	RT	5 TO 4		5							
STA 8+67 TO STA 9+13	RT	3 TO 6	10.53		45						
STA 211+00 TO STA 9+13	LT/RT	10 TO 7	14.37		61				1		
STA 9+48 TO STA 9+13	RT	8 TO 7	8.08	38							
STA 9+13 TO STA 9+13	LT/RT	7 TO 6	11.99		51						
STA 9+13 TO STA 212+89	LT	6 TO 9	17.49				80				1
STA 211+06 TO STA 10+80	RT	11 TO 13	9.56		41				1		
STA 10+80 TO STA 10+80	LT/RT	11 TO 10	11.94		51						
STA 10+80 TO STA 11+45	LT	12 TO 14	14.68		63						
STA 11+45 TO STA 13+00	LT	14 TO 16	35.11			152					
STA 13+00 TO STA 13+00	LT/RT	17 TO 16	6.19	36							
STA 13+00 TO STA 13+00	LT	16 TO 15	5.61			25				1	
STA 15+34 TO STA 15+79	LT	18 TO 21	7.28	43							
STA 15+34 TO STA 15+79	RT	19 TO 22	7.28	43							
STA 15+79 TO STA 15+79	LT/RT	22 TO 21	5.97		26						
STA 15+79 TO STA 15+79	LT	21 TO 20	5.38		23				1		
SUBTOTAL			223.80	245	361	177	80	164	3	1	1
PAY TOTAL			223.8•	245	361	177	80	164	3	1•	1

• NOT A TOTAL QUANTITY

RIPRAP SCHEDULE

LOCATION			STONE RIPRAP, CLASS A4	FILTER FABRIC
STATION	SIDE	ROADWAY	(SQ YD)	(SQ YD)
STA 213+00	LT	US 40	38.22	38.22
STA 213+00	RT	US 40	67.63	67.63
STA 13+00	LT	SPRING VALLEY	35.78	35.78
STA 16+00	RT	SPRING VALLEY	31.20	31.20
STA 16+00	LT	SPRING VALLEY	69.22	69.22
SUBTOTAL			242.05	242.05
PAY TOTAL			243	243

DRAINAGE SCHEDULE

LOCATION				MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE (EACH)	INLETS, TYPE A, TYPE 3 FRAME AND GRATE (EACH)	INLETS, TYPE A, TYPE 8 GRATE (EACH)	INLETS, TYPE B, TYPE 3 FRAME AND GRATE (EACH)	INLETS, TYPE A, TYPE 3V FRAME AND GRATE (EACH)	INLETS, TYPE B, TYPE 3V FRAME AND GRATE (EACH)	INLETS, SPECIAL, NO. 1 (EACH)	PROTECTIVE COAT (SQ YD)
STATION	OFFSET	SIDE	STRUCTURE NUMBER								
7+00	20.19	LT	1								

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

LOCATION		THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4"			THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)
			SOLID WHITE (FOOT)	SKIP DASH WHITE (FOOT)	SOLID YELLOW (FOOT)	SOLID YELLOW (FOOT)	SOLID WHITE (FOOT)	AMBER TWO-WAY (EACH)	AMBER ONE-WAY (EACH)	CRYSTAL ONE-WAY (EACH)	
STATION TO STATION	ROADWAY										
STA 201+32.42 TO STA 205+82.54	US 40		900.2		1700.2	85.8		2	20		6
STA 205+82.54 TO STA 208+47.54	US 40		530.0	66.3	1060.0	65.3			14		3
STA 208+47.54 TO STA 211+28.74	US 40	46.8	690.4		1060.0	16.6	38.5	3	14	8	5
STA 212+16.30 TO STA 215+07.01	US 40	46.8	686.8		1060.0	19.5	37.6	3	14	7	4
STA 215+07.01 TO STA 217+72.12	US 40		530.2	66.3	1060.4	69.1			14		3
STA 217+72.12 TO STA 222+22.12	US 40		900.0		1699.7	81.4		2	10		6
STA 3+69.07 TO STA 4+81.07	SPRING VALLEY				303.7			1	2		
STA 15+80.70 TO STA 17+13.55	SPRING VALLEY				265.7			3			
SUBTOTAL		93.6	4237.6	132.6	8209.7	337.7	76.1	14	88	15	27
PAY TOTAL		94	12580			338	77	117•			27

• NOT A TOTAL QUANTITY

POLYUREA PAVEMENT MARKING SCHEDULE

LOCATION		POLYUREA PAVEMENT MARKING TYPE I - LETTERS & SYMBOLS (SQ FT)	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"			POLYUREA PAVEMENT MARKING TYPE I - LINE 12"		POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER		
			SOLID WHITE (FOOT)	SKIP DASH WHITE (FOOT)	SOLID YELLOW (FOOT)	SOLID WHITE (FOOT)	SOLID YELLOW (FOOT)	SOLID WHITE (FOOT)	AMBER TWO-WAY (EACH)	AMBER ONE-WAY (EACH)	CRYSTAL ONE-WAY (EACH)
STATION TO STATION	ROADWAY										
STA 208+47.54 TO STA 211+28.74	US 40					40.3					
STA 212+16.30 TO STA 215+07.01	US 40					51.7					
STA 4+81.07 TO STA 6+81.07	SPRING VALLEY				800.0		54.4			10	
STA 6+81.07 TO STA 8+13.22	SPRING VALLEY			33.0	528.6		23.3			8	
STA 8+13.22 TO STA 10+00.00	SPRING VALLEY	31.2	482.1		230.0	165.5		29.5	3		4
STA 10+00.00 TO STA 12+08.70	SPRING VALLEY	31.2	518.9		268.0	155.3		37.6	4		4
STA 12+08.70 TO STA 13+41.00	SPRING VALLEY			33.1	529.2		29.2			6	
STA 13+41.00 TO STA 15+80.70	SPRING VALLEY				958.8		48.2			12	
SUBTOTAL		62.4	1001.0	66.1	3314.6	412.8	155.1	67.1	7	36	8
PAY TOTAL		63	4382			568		68	51•		

• NOT A TOTAL QUANTITY

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION		SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	PAVEMENT MARKING TAPE, TYPE IV 4"		TEMPORARY PAVEMENT MARKING REMOVAL (SQ FT)

FILE NAME = S:\Projects\14-004-004-Troy Traffic Study\Drawn\CA00 Sheets\08xxxxx-sh1-ABT.dgn

BENCHMARK "A"

FIRST POWER POLE EAST OF INTERSECTION
STA 212+43.67, 74.47' RT
ELEV 564.95

BENCHMARK "B"

RAILROAD SPIKE IN POWER POLE NEXT
TO LAST POWER POLE ON WEST END
STA 203+64.79, 68.85' RT
ELEV 561.67

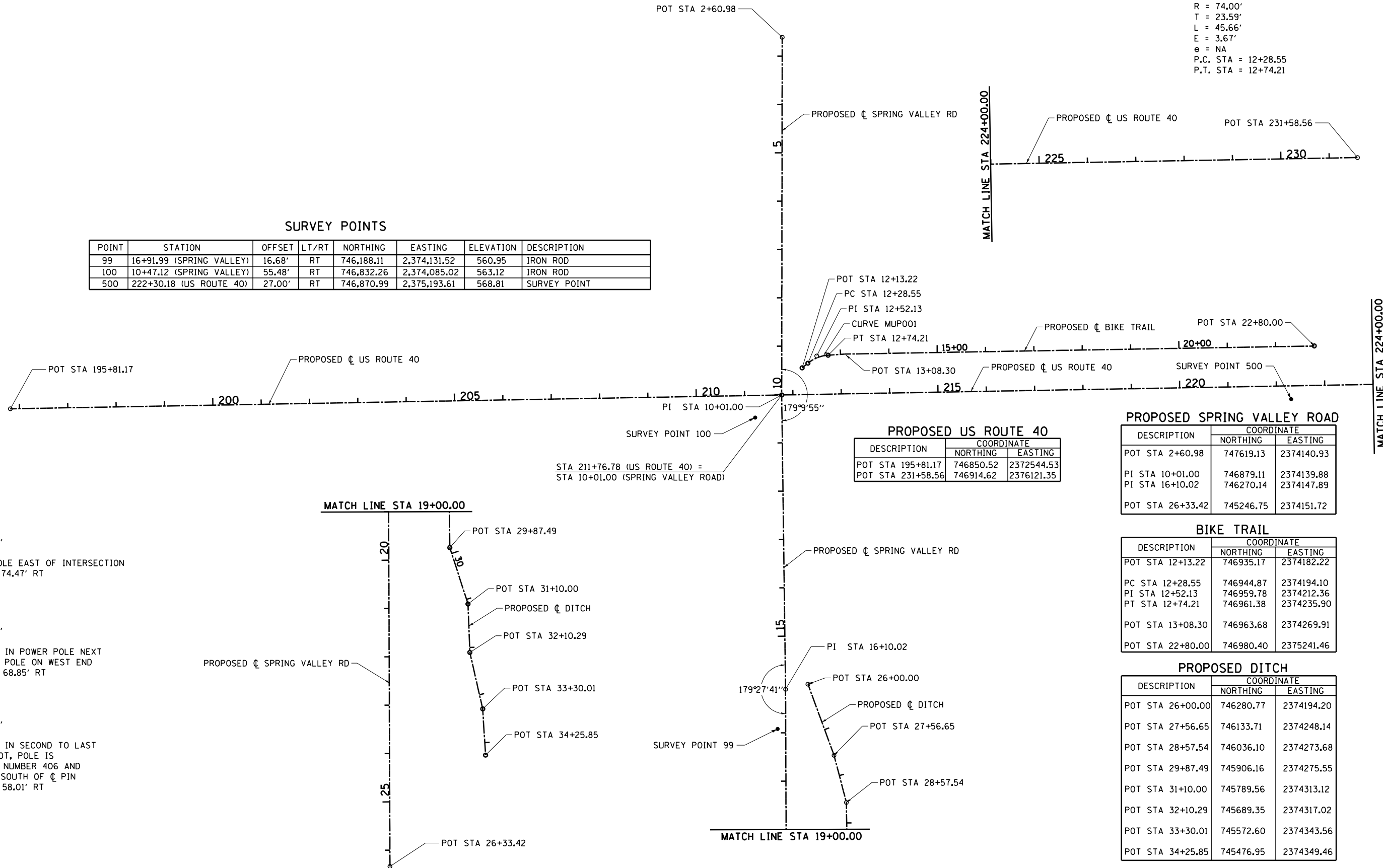
BENCHMARK "C"

RAILROAD SPIKE IN SECOND TO LAST
POWER POLE SHOT, POLE IS
BETWEEN HOUSE NUMBER 406 AND
408 AND ± 50' SOUTH OF C PIN
STA 223+45.29, 58.01' RT
ELEV 569.00

SURVEY POINTS

POINT	STATION	OFFSET	LT/RT	NORTHING	EASTING	ELEVATION	DESCRIPTION
99	16+91.99 (SPRING VALLEY)	16.68'	RT	746,188.11	2,374,131.52	560.95	IRON ROD
100	10+47.12 (SPRING VALLEY)	55.48'	RT	746,832.26	2,374,085.02	563.12	IRON ROD
500	222+30.18 (US ROUTE 40)	27.00'	RT	746,870.99	2,375,193.61	568.81	SURVEY POINT

PROP. CURVE MUP001
PI STA. = 12+52.13
 Δ = 35° 21' 22" (RT)
D = 77° 25' 36"
R = 74.00'
T = 23.59'
L = 45.66'
E = 3.67'
e = NA
P.C. STA = 12+28.55
P.T. STA = 12+74.21



PROPOSED US ROUTE 40

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 195+81.17	746850.52	2372544.53
POT STA 231+58.56	746914.62	2376121.35

PROPOSED SPRING VALLEY ROAD

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2+60.98	747619.13	2374140.93
PI STA 10+01.00	746879.11	2374139.88
PI STA 16+10.02	746270.14	2374147.89
POT STA 26+33.42	745246.75	2374151.72

BIKE TRAIL

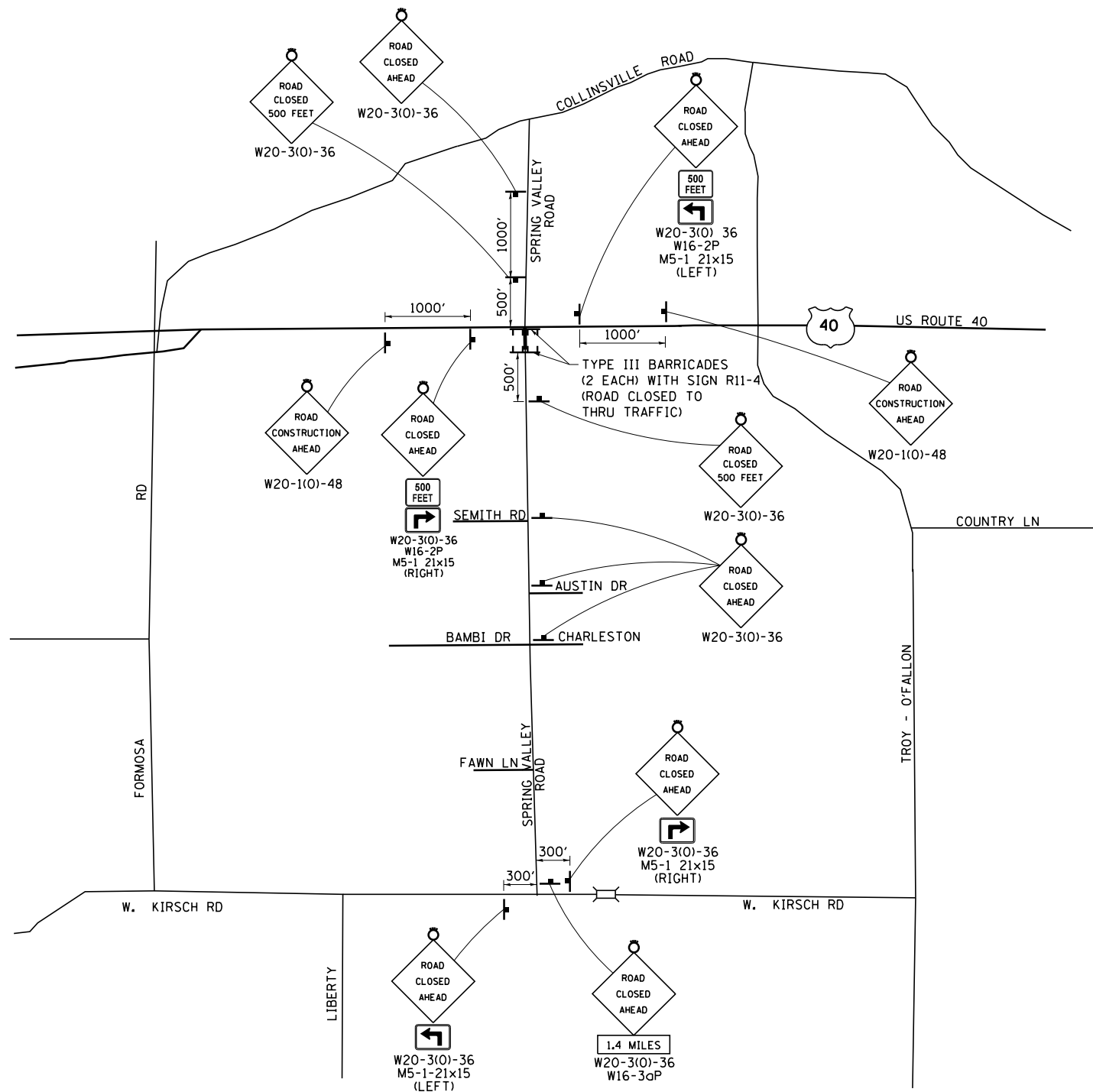
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 12+13.22	746935.17	2374182.22
PC STA 12+28.55	746944.87	2374194.10
PI STA 12+52.13	746959.78	2374212.36
PT STA 12+74.21	746961.38	2374235.90
POT STA 13+08.30	746963.68	2374269.91
POT STA 22+80.00	746980.40	2375241.46

PROPOSED DITCH

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 26+00.00	746280.77	2374194.20
POT STA 27+56.65	746133.71	2374248.14
POT STA 28+57.54	746036.10	2374273.68
POT STA 29+87.49	745906.16	2374275.55
POT STA 31+10.00	745789.56	2374313.12
POT STA 32+10.29	745689.35	2374317.02
POT STA 33+30.01	745572.60	2374343.56
POT STA 34+25.85	745476.95	2374349.46



FILE NAME = S:\Projects\114-0041-0041-Troy Traffic Study\ dgn\CADD Sheets\08xxxxx-shr-road closure-Spring Valley.dgn



GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED UNLESS NOTED OTHERWISE.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 (SPECIAL).

LEGEND

- TYPE III BARRICADES CONFORMING TO STD. 701901
- SIGNS ON PERMANENT SUPPORTS
- FLASHING LIGHT ABOVE SIGN

• F.A.P. 793/F.A.U. 8861



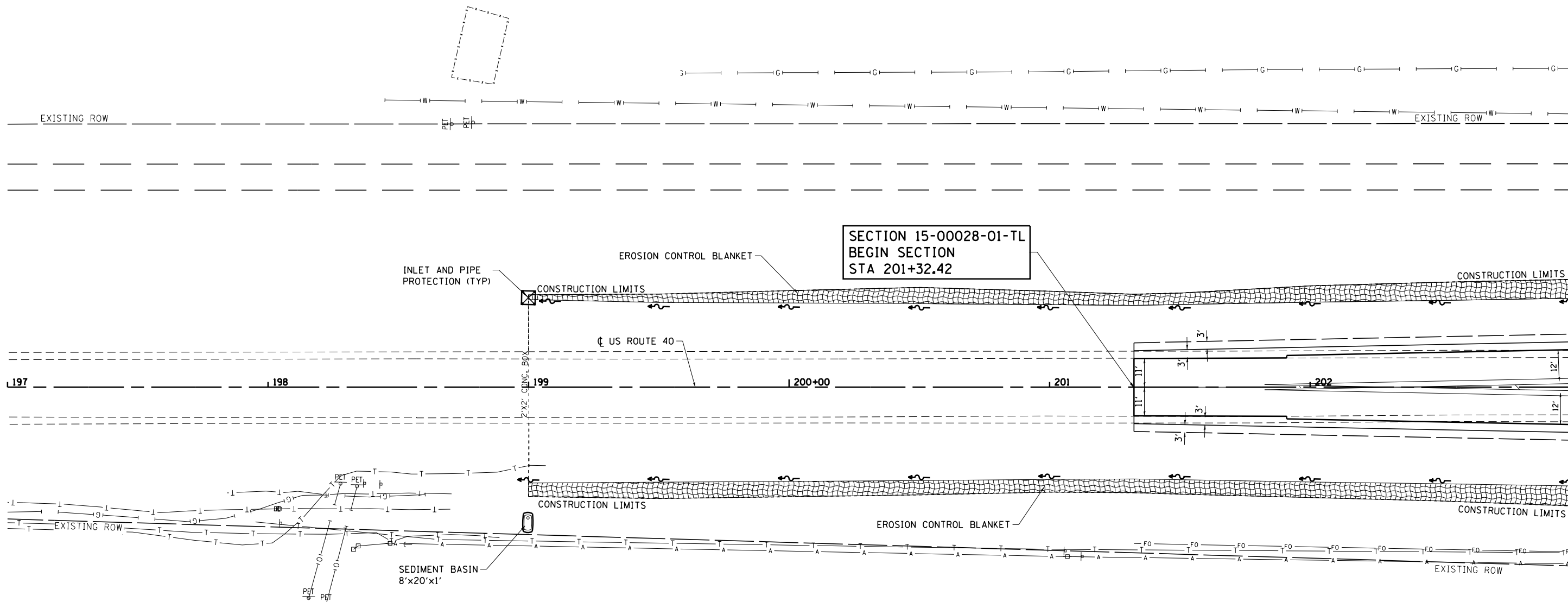
USER NAME = Betsy	DESIGNED - ESW	REVISED -
MODEL NAME = Rd Closure (South)	DRAWN - PDB	REVISED -
PLOT SCALE = 399.9992 ' / in.	CHECKED - BRM	REVISED -
PLOT DATE = 4/19/2018	DATE - 4-10-18	REVISED -

**CITY OF TROY
US 40 /SPRING VALLEY ROAD INTERSECTION**

**ROAD CLOSURE DETAILS
SPRING VALLEY ROAD (SOUTH)**

SCALE: 1"=200' SHEET 2 OF 2 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	15-00028-01-TL	MADISON	108	17
CONTRACT NO. 97672				
ILLINOIS FED. AID PROJECT 232(478)				

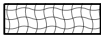


LEGEND

 TEMPORARY DITCH CHECK

 PERIMETER EROSION BARRIER

 INLET AND PIPE PROTECTION

 EROSION CONTROL BLANKET

 SEDIMENT BASIN



• F.A.P. 793/F.A.U. 8861



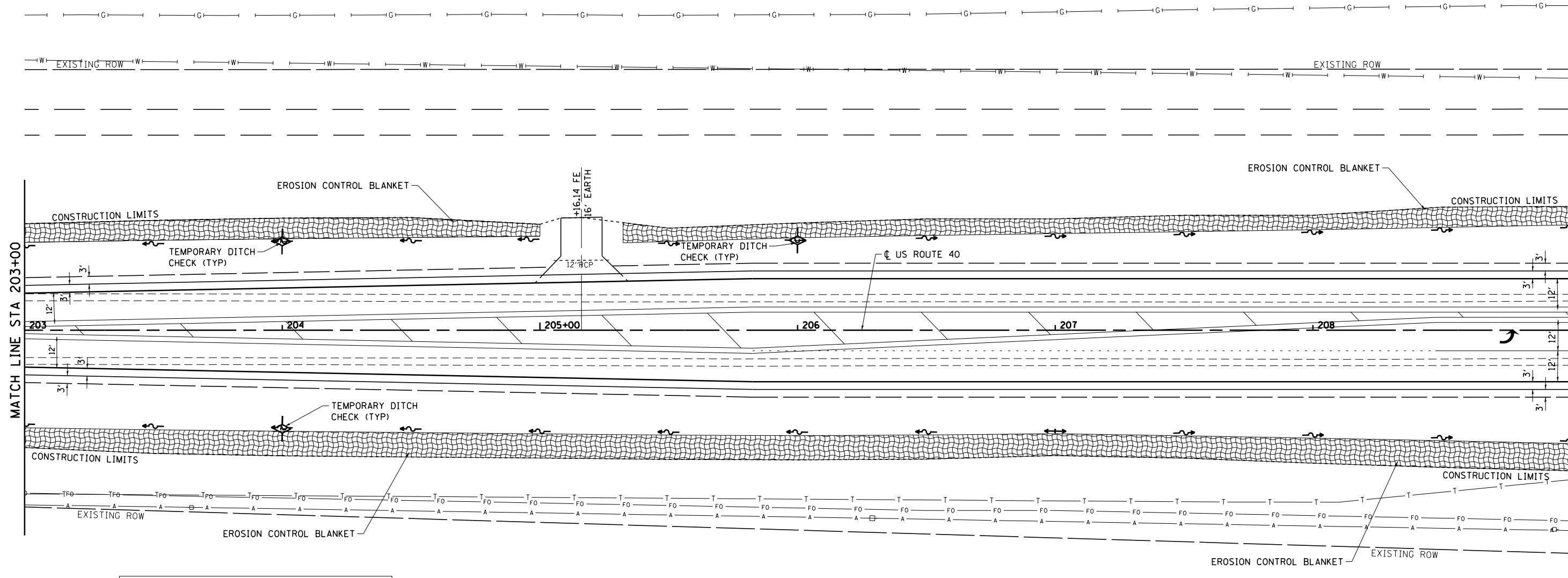
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MODEL NAME = Erosion_01_US40	DRAWN - PDB	REVISED -
PLOT SCALE = 39.9999' / in.	CHECKED - BRM	REVISED -
PLOT DATE = 4/19/2018	DATE - 4-10-18	REVISED -

CITY OF TROY
US 40 /SPRING VALLEY ROAD INTERSECTION

EROSION AND SEDIMENT CONTROL PLANS
US ROUTE 40

SCALE: 1"=20' SHEET 1 OF 9 SHEETS STA 197+00 TO STA 203+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	15-00028-01-TL	MADISON	108	27
CONTRACT NO. 97672				
ILLINOIS FED. AID PROJECT 2321(478)				



LEGEND

-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  EROSION CONTROL BLANKET
-  SEDIMENT BASIN



• F.A.P. 793/F.A.U. 8861



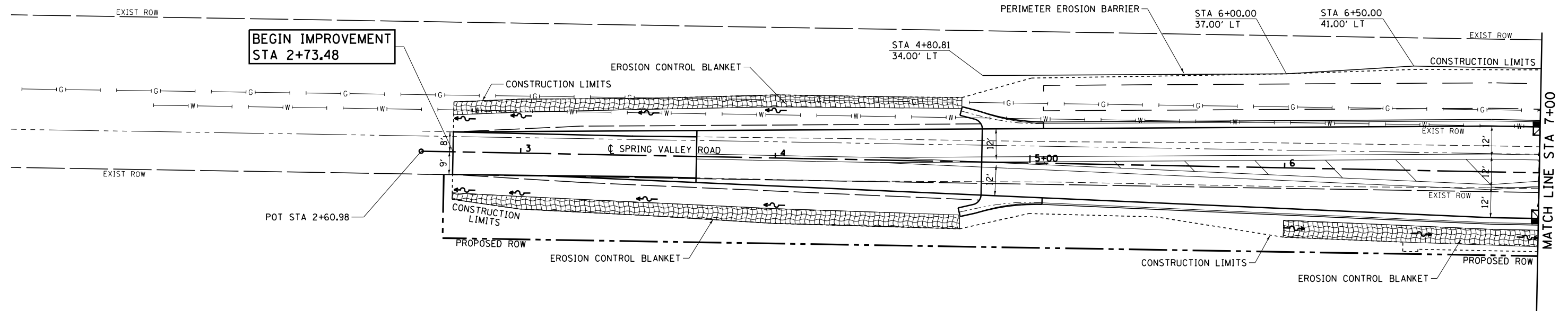
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MODEL NAME = Erosion_02_US40	DRAWN - PDB	REVISED -
PLOT SCALE = 39.9999' / in.	CHECKED - BRM	REVISED -
PLOT DATE = 4/19/2018	DATE - 4-10-18	REVISED -

**CITY OF TROY
US 40 /SPRING VALLEY ROAD INTERSECTION**

**EROSION AND SEDIMENT CONTROL PLANS
US ROUTE 40**

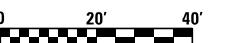
SCALE: CUSTOM 240 SHEET 2 OF 9 SHEETS STA 203+00 TO STA 209+00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	15-00028-01-TL	MADISON	108	28
CONTRACT NO. 97672				
ILLINOIS FED. AID PROJECT 2321(478)				



LEGEND

-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  EROSION CONTROL BLANKET
-  SEDIMENT BASIN



• F.A.P. 793/F.A.U. 8861



USER NAME = Betsy	DESIGNED - ESW	REVISED -
MODEL NAME = Erosion_06.SV	DRAWN - PDB	REVISED -
PLOT SCALE = 39.9999' / in.	CHECKED - BRM	REVISED -
PLOT DATE = 4/19/2018	DATE - 4-10-18	REVISED -

CITY OF TROY
US 40 /SPRING VALLEY ROAD INTERSECTION

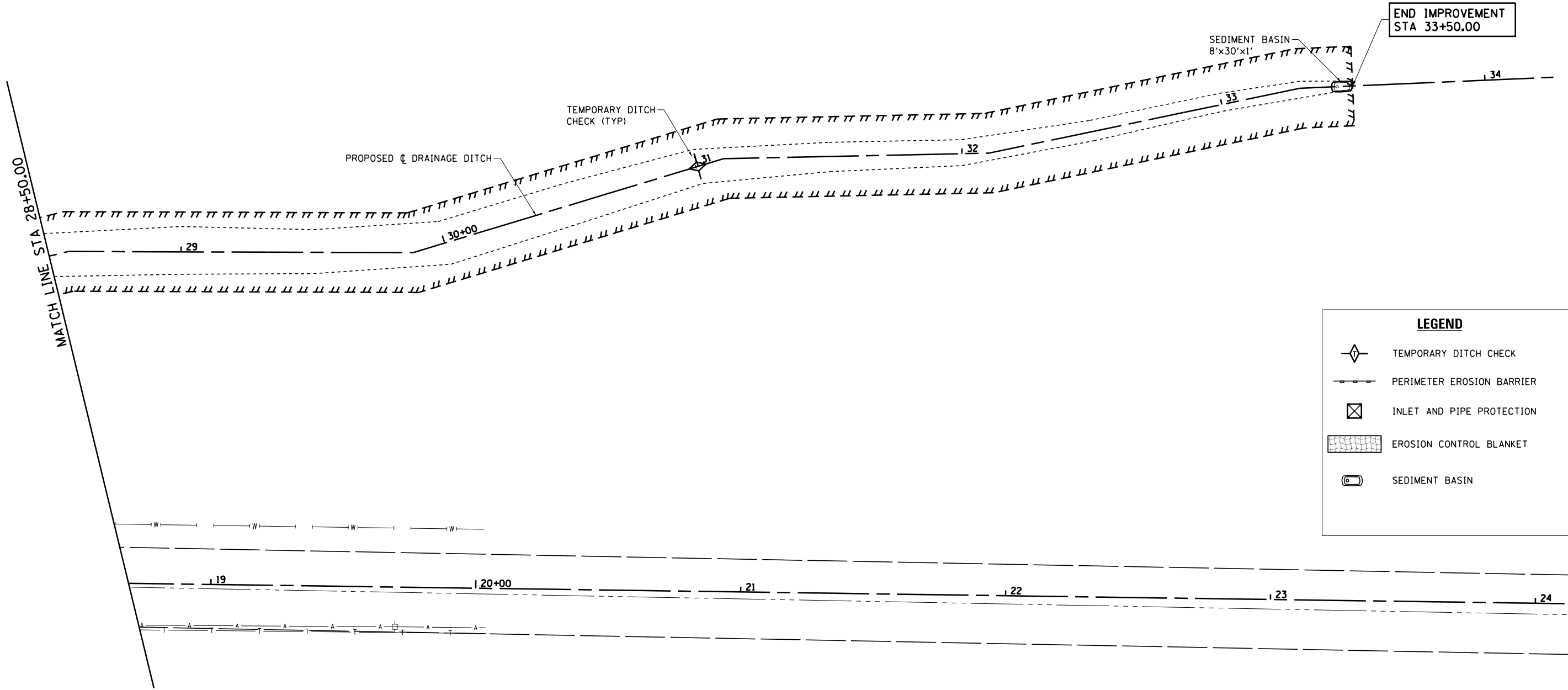
EROSION AND SEDIMENT CONTROL PLANS
SPRING VALLEY ROAD

SCALE: CUSTOM 240 SHEET 6 OF 9 SHEETS STA 2+73.48 TO STA 7+00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	15-00028-01-TL	MADISON	108	32
CONTRACT NO. 97672				
ILLINOIS FED. AID PROJECT 2321(47B)				



FILE NAME = S:\Projects\114-0041-0041-Troy Traffic Study\ dgn\CADD Sheets\08xxxxx-sht-eros.dgn



LEGEND

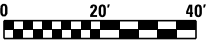
TEMPORARY DITCH CHECK

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

EROSION CONTROL BLANKET

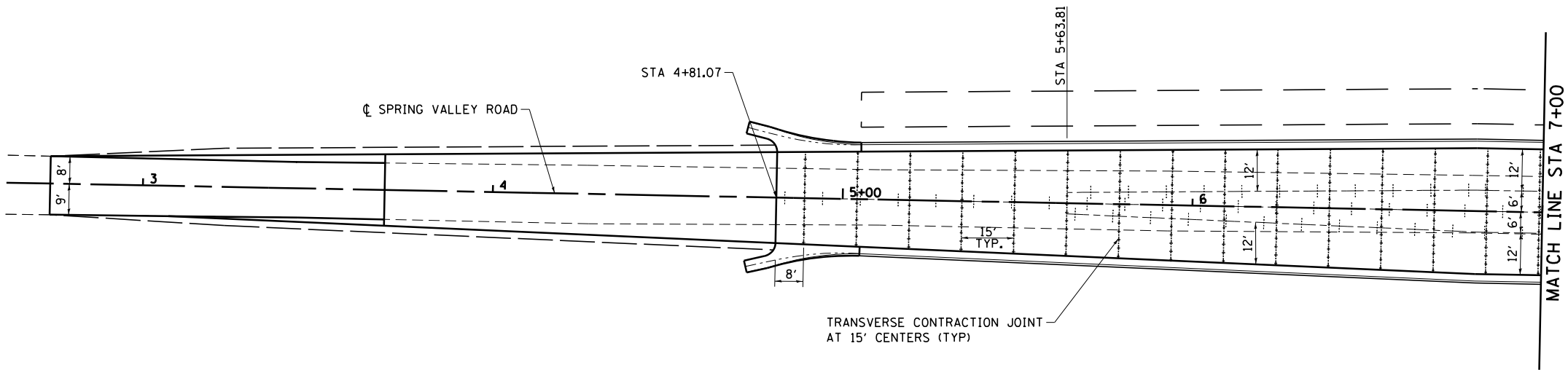
SEDIMENT BASIN



• F.A.P. 793/F.A.U. 8861

	USER NAME = Betsy			DESIGNED - ESW			REVISED -			CITY OF TROY US 40 /SPRING VALLEY ROAD INTERSECTION			EROSION AND SEDIMENT CONTROL PLANS SPRING VALLEY ROAD (DRAINAGE DITCH)			RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.						
	MODEL NAME = Erosion_09.SV			DRAWN - PDB			REVISED -									•	15-00028-01-TL	MADISON	108	35						
	PLOT SCALE = 39.9999' / in.			CHECKED - BRM			REVISED -									CONTRACT NO. 97672										
	PLOT DATE = 4/19/2018			DATE - 4-10-18			REVISED -									ILLINOIS FED. AID PROJECT 2321(478)										
SCALE: 1"=20'											SHEET 9 OF 9 SHEETS			DITCH STA 28+50 TO STA 33+50												

FILE NAME = S:\Projects\14-0041-0041-Troy Traffic Study\ dgn\CADD Sheets\08xxxxx-shr-joints-Spring Valley.dgn



LEGEND

- - - - - LONGITUDINAL SAWED OR CONSTRUCTION JOINT
WITH NO. 6 TIE BARS (TYP)
- - - - - TRANSVERSE CONTRACTION JOINT

NOTE:
TRANSVERSE CONTRACTION JOINT
SPACING AT 15' UNLESS OTHERWISE NOTED



USER NAME = Betsy	DESIGNED - ESW	REVISED -
MODEL NAME = Joints_01.SV	DRAWN - PDB	REVISED -
PLOT SCALE = 39.9999' / in.	CHECKED - BRM	REVISED -
PLOT DATE = 4/19/2018	DATE - 4-10-18	REVISED -

CITY OF TROY
US 40 /SPRING VALLEY ROAD INTERSECTION

JOINTING DETAILS SPRING VALLEY ROAD		
SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA 2+73.48 TO STA 7+00

