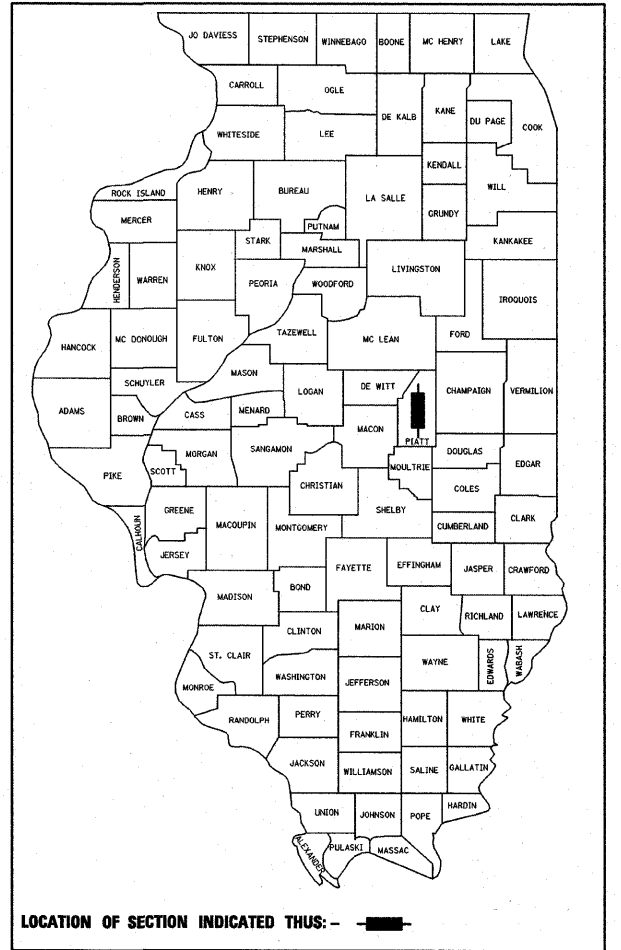


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

# PLANS FOR PROPOSED ROADWAY AND SIDEWALK IMPROVEMENTS

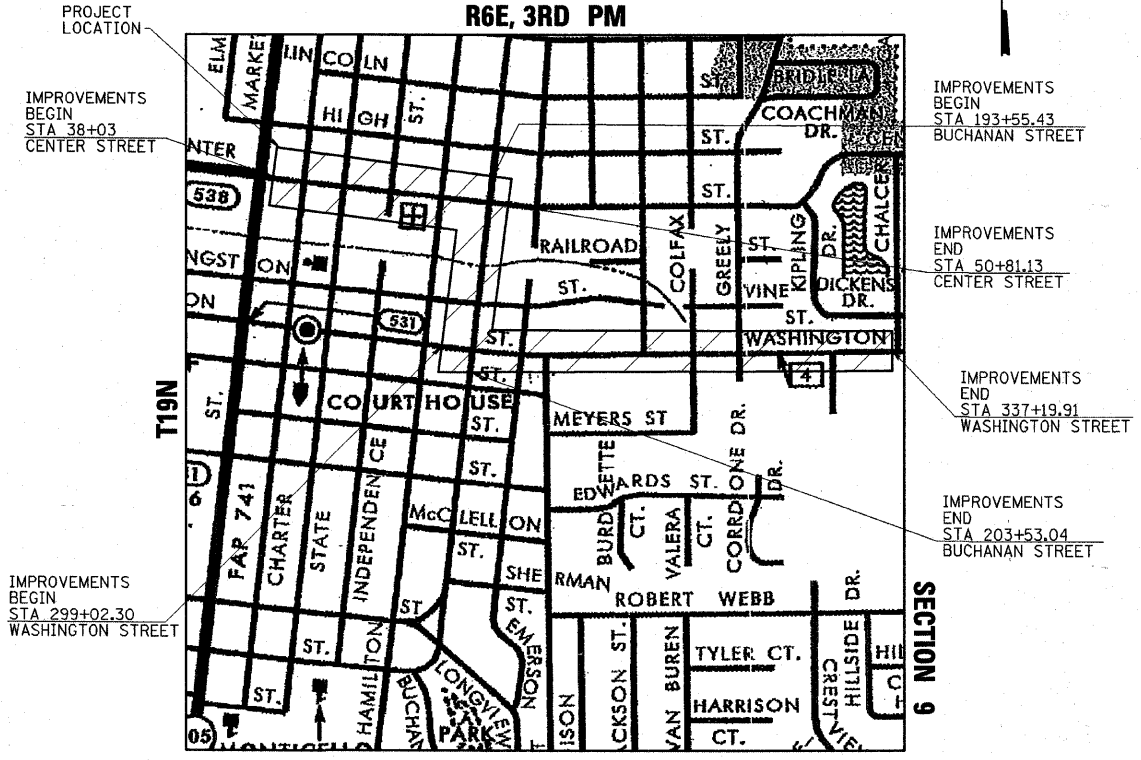
**FAU 7531, 7543, 7536  
SECTION 05-00022-00-PV  
ROADWAY AND SIDEWALK IMPROVEMENTS  
CITY OF MONTICELLO  
JOB NO. C-95-335-10  
PROJECT NO. M-HPP-0562(103)  
PIATT COUNTY  
R6E, 3RD PM**



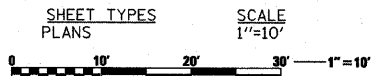
**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
<b>ROADWAY PLANS</b>	
1.	COVER SHEET
2.	HIGHWAY STANDARDS & GENERAL NOTES
3.-6.	TYPICAL SECTIONS
7.	TIES & BENCHMARKS
8.-9.	SUMMARY OF QUANTITIES
10.-12.	SCHEDULES OF QUANTITIES
13.-23.	PLAN AND PROFILES
24.-30.	INTERSECTION DETAILS
31.-34.	RETAINING WALL DETAILS
35.-40.	PAVEMENT MARKINGS/SIGNING PLANS
41.	RAILROAD CROSSING DETAILS
42.	DRAINAGE STRUCTURE AND ADJUSTMENT SCHEDULE
43.-45.	MISCELLANEOUS DETAILS
<b>DISTRICT 5 DETAILS</b>	
46.	INLET-COMBINATION CONCRETE CURB & GUTTER (BARRIER CURB) NO. 6060095A
47.	GUTTER DEPRESSION AT INLETS, CATCH BASINS AND MANHOLES NO. 606AAAAA
48.	TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROAD/STREET CLOSURES) NO. 70200000

	FUNCTIONAL CLASSIFICATION	CURRENT ADT
FAU 7531 (CENTER ST.)		
MARKET ST. TO STATE ST.	MINOR ARTERIAL	4050
STATE ST. TO BUCHANAN ST.	MINOR ARTERIAL	5100
FAU 7543 (BUCHANAN ST.)		
CENTER ST. TO WASHINGTON ST.	MINOR ARTERIAL	2150
WASHINGTON ST. TO MARION ST.	COLLECTOR	2050
FAU 7536 (WASHINGTON ST.)		
BUCHANAN ST. TO PIATT ST.	MINOR ARTERIAL	1750
PIATT ST. TO CR-4	MINOR ARTERIAL	4500



**SCALES**

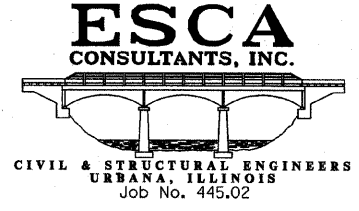


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

CITY OF MONTICELLO  
(217)762-2583

CONTRACT NO. 91441



## CENTER STREET, BUCHANAN STREET, AND WASHINGTON STREET

GROSS LENGTH = 5750 FT. = 1.09 MI.  
NET LENGTH = 5750 FT. = 1.09 MI.



*Richard D. Payne* DATE: 03/26/11  
ILLINOIS PROFESSIONAL LICENSE NO. 37421  
(EXPIRATION DATE: 11-30-11)

DESIGN GUIDELINES: 3R  
DESIGN SPEED: 30 MPH

APPROVED 04/06 20 11  
*Ch. Taylor*  
MAYOR, CITY OF MONTICELLO

---

PASSED 4/11 20 11  
*D.A. [Signature]*  
DISTRICT FIVE ENGINEER OF LOCAL ROADS & STREETS

---

RELEASED FOR BID  
BASED ON LIMITED REVIEW 4/12 20 11  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS (BEING UTILIZED)**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602301-03	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604011-04	FRAME AND GRATE TYPE 3V
604036-02	GRATE TYPE 8
604056-03	FRAME AND GRATE TYPE 11V
604086-02	FRAME AND GRATE, TYPE 23
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS

**GENERAL NOTES**

- ALL SAWCUTTING SHALL BE CONSIDERED INCLUDED IN THE PAY ITEMS INVOLVED. THE MINIMUM SAW DEPTH IN THE PAVEMENT SHALL BE 1 1/2". FULL DEPTH SAWCUTS MAY BE REQUIRED FOR PAVEMENT AND CURB AND GUTTER REMOVAL.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:
 

GRANULAR MATERIALS	2.05 TON/CLY YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD (ON EX PAVMENT)
	0.02 GAL/SQ YD (FOG COAT ON BINDER)
	0.40 GAL/SQ YD (ON AGG BASE)
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH
AGGREGATE PRIME COAT	0.002 TON/SQ YD
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- THE FINAL TOP 6" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDED. SEEDING SHALL BE CLASS 1A AND SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- ALL WORK SHALL BE IN ACCORDANCE WITH IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECORDING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2011 UNLESS NOTED IN THE DRAWINGS OR SPECIAL PROVISIONS.
- UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. THESE UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123. THE FOLLOWING UTILITY OWNERS MARKED WITH AN '\*' BELONG TO J.U.L.I.E. :
  - \* AMEREN IP
  - \* MEDIACOM
  - \* AT&T
  - \* CITY OF MONTICELLO
  - \* FRONTIER
- ONLY THOSE TREES SHOWN ON THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- AGGREGATE (PRIME COAT): FA20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 2ND PARAGRAPH OF ARTICLE 1003.03(c).
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF EASEMENTS/RIGHT-OF-WAY AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	SURFACE COURSE INCID. HMA SURF. HMA SHLD TOP LIFT	LEVELING BINDER	CLASS D PATCHES HMA SHLD BOTTOM LIFT
PG:	PG 64-22	PG 64-22	PG 64-22
RAP%:	15%	25%	25%
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 19.0
FRICITION AGGREGATE	C	C	NA

- BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. IF RESURFACED WITHIN 7 DAYS, NO FOG COAT IS REQUIRED ON TOP OF LEVELING BINDER (MACHINE METHOD). THE COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR LEVELING BINDER (MACHINE METHOD) AND HOT-MIX ASPHALT SURFACE COURSE AND INCIDENTAL HMA SURFACING OF THE TYPE SPECIFIED AND CLASS D PATCHES.
- ON WASHINGTON STREET THE PROPOSED B6.18 CURB AND GUTTER SHALL BE CONSTRUCTED TO MATCH THE EXISTING PAVEMENT AND TOP OF CURB ELEVATIONS. THE GUTTER FLAG WILL BE OVERLAYED WITH HMA.
- ONE INCH DEEP GUTTER DEPRESSIONS SHALL BE PROVIDED AT PROPOSED CURB INLETS, IN ACCORDANCE WITH THE DETAILS IN THE PLANS.
- ON RESURFACING RUNDOWNS THAT ARE TO REMAIN IN PLACE AFTER COMPLETION OF THE SECTION, THE END OF THE FEATHEREDGE SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 12 INCHES WIDE, 6 INCHES ON THE RUNDOWN AND 6 INCHES ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL CURB RAMPS FOR SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 424001-05. RAMPS SHALL BE TYPE A UNLESS NOTED OTHERWISE. ALL RAMP WIDTHS SHALL MATCH THE WIDTH OF THE EXISTING SIDEWALK. DETECTABLE WARNINGS COLORED RED OR BROWN SHALL BE USED. THE CONTRACTOR SHALL PROVIDE A SAMPLE FOR CITY APPROVAL PRIOR TO ORDERING MATERIALS; COST INCLUDED IN DETECTABLE WARNINGS.
- ALL SIDEWALKS SHALL HAVE CROSS SLOPES THAT INSURE POSITIVE DRAINAGE. THE MAXIMUM CROSS SLOPE SHALL BE 2%.
- THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF TREES TO BE PLANTED WITH THE PROPERTY OWNERS. THE CONTRACTOR WILL BE REQUIRED TO PLANT CITY OF MONTICELLO TREES ANYWHERE WITHIN THE CITY LIMITS AT LOCATIONS DETERMINED BY THE CITY. COST INCLUDED IN THE TREE PAY ITEMS LISTED IN THE PLANS.
- EXISTING TOPSOIL THAT IS EXCAVATED SHALL BE STOCKPILED AND REUSED ONSITE, COST INCLUDED IN EARTH EXCAVATION. TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH SHALL BE USED TO RAISE THE ADJACENT GROUND TO MATCH THE PROPOSED TALLER CURBS AND HIGHER SHOULDERS FOR A THREE FEET WIDTH ADJACENT TO NEW CURB AND GUTTER AND HMA SHOULDERS.
- PAVEMENT REMOVAL AND PATCHING WILL BE REQUIRED AT INLET LOCATIONS TO INSTALL NEW FRAMES AND GRATES. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT IS INCLUDED IN THE COST OF INLETS TO BE ADJUSTED.
- EXCAVATION FOR CONSTRUCTION OF GEOTECHNICAL FABRIC AND FOR CONSTRUCTION OF HMA SHOULDERS SHALL BE MEASURED AND PAID FOR SEPARATELY AS EARTH EXCAVATION. ANY OTHER EXCAVATION OR EMBANKMENT NECESSARY FOR THE PROJECT SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE PAY ITEMS FOR THE OTHER WORK BEING PERFORMED. OPERATIONS IN WHICH EXCAVATION AND EMBANKMENT ARE INCIDENTAL INCLUDE CONSTRUCTION OF SIDEWALKS, PAVEMENT WIDENING, CURB AND GUTTER, DRIVEWAYS, BLOCK RETAINING WALLS, AND RAILROAD CROSSING.
- PIPE DRAINS AND CONCRETE HEADWALLS FOR PIPE DRAINS SHALL BE USED TO DRAIN THE PROPOSED AGGREGATE SUBGRADE (SPECIAL) UNDER THE WASHINGTON STREET PAVEMENT PATCHING. THE INVERT OF THE PIPE DRAIN SHALL MATCH THE BOTTOM OF THE EXCAVATION AND BE SLOPED TO DRAIN AS DIRECTED BY THE ENGINEER.

USER = HAS  
 DATE = 03/11  
 FILE = 44502.S  
 SCALE = 0.884 / IN

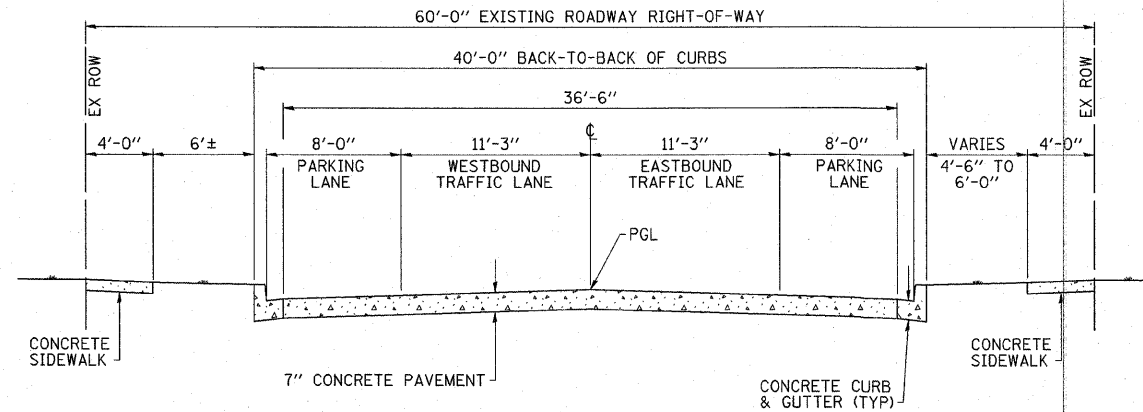


DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE		REVISION		APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011						
CHECKED BY:	ELH	03/11	JOB NO.	445.02						
APPROVED BY:	RDP	03/11								

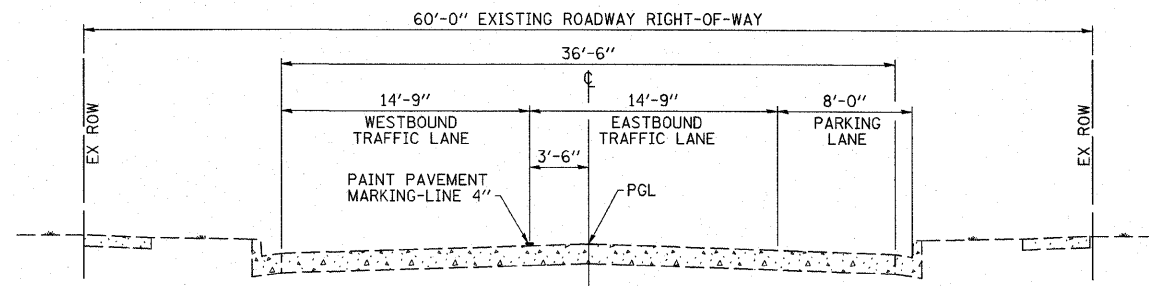
**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
CITY OF MONTICELLO

**HIGHWAY STANDARDS AND GENERAL NOTES**

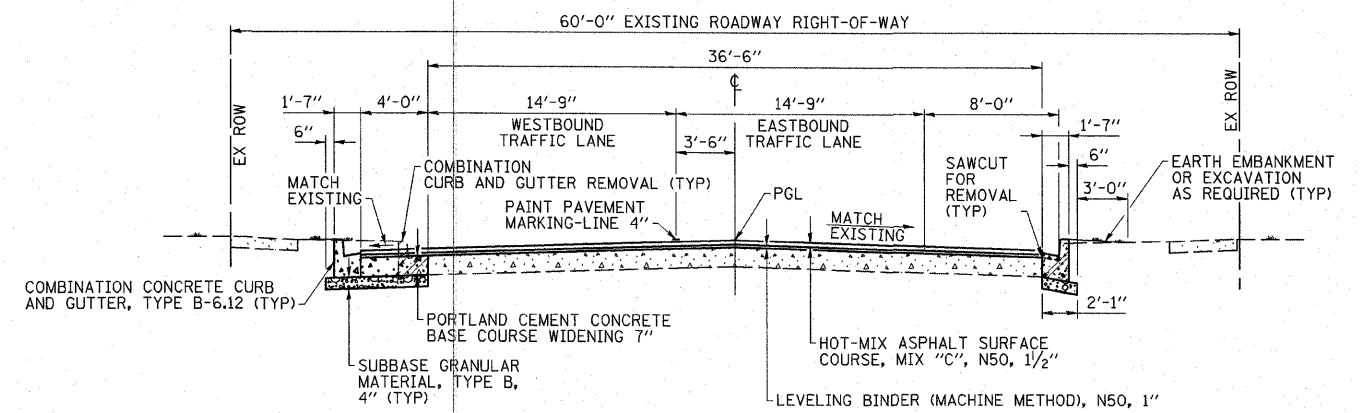
DRAWING NUMBER  
**2**  
1 OF 1



**CENTER STREET  
EXISTING TYPICAL SECTION  
ILLINOIS ROUTE 105 TO BUCHANAN STREET  
STATION 38+00 TO STATION 49+67.92**



**CENTER STREET  
PROPOSED TYPICAL SECTION  
ILLINOIS ROUTE 105 TO BUCHANAN STREET  
STATION 39+04 TO STATION 48+98.70**



**CENTER STREET  
PROPOSED TYPICAL SECTION  
ILLINOIS ROUTE 105 TO BUCHANAN STREET  
STATION 48+98.70 TO STATION 49+67.92**

USER = HAS  
DATE = 03/11 2:27 PM  
FILE = 44502-10-R03-CV1.dgn  
SCALE = 1/8" = 1' / IN.

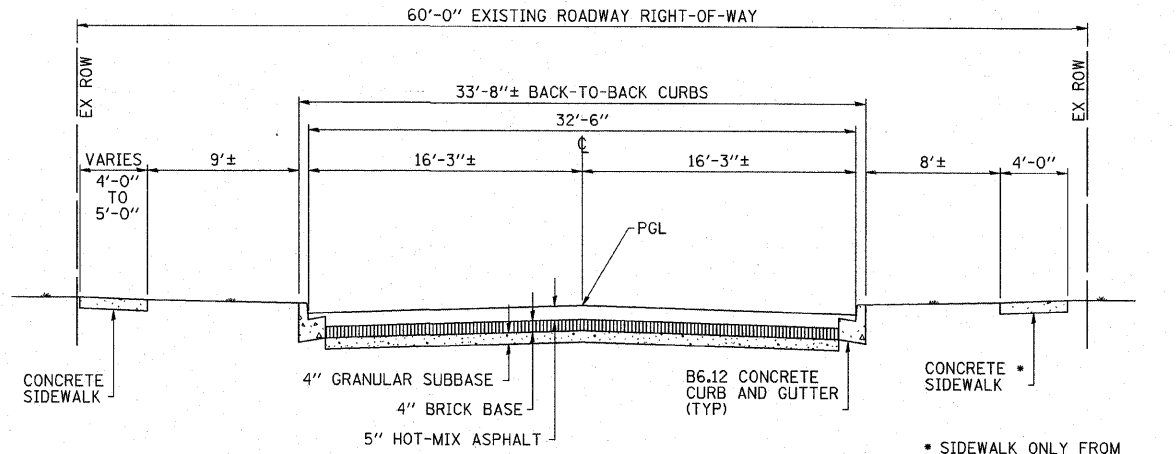
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

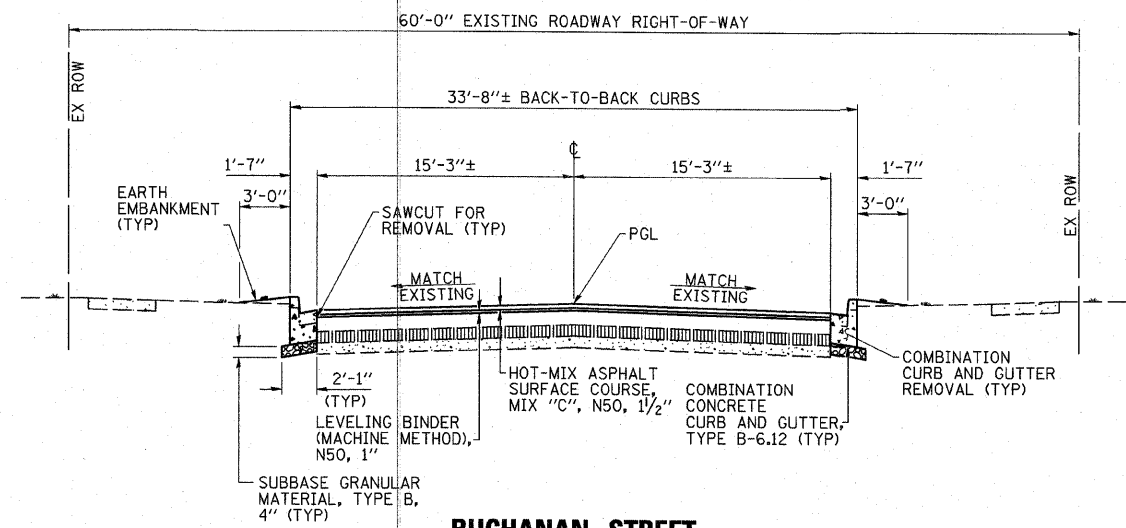
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

CENTER STREET  
TYPICAL SECTIONS

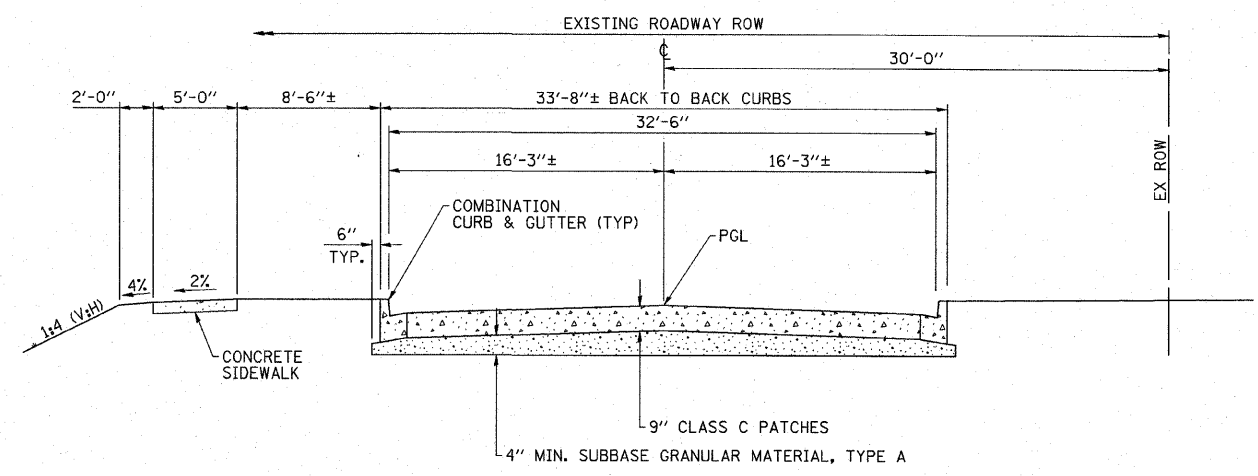
DRAWING NUMBER  
**3**  
1 OF 4



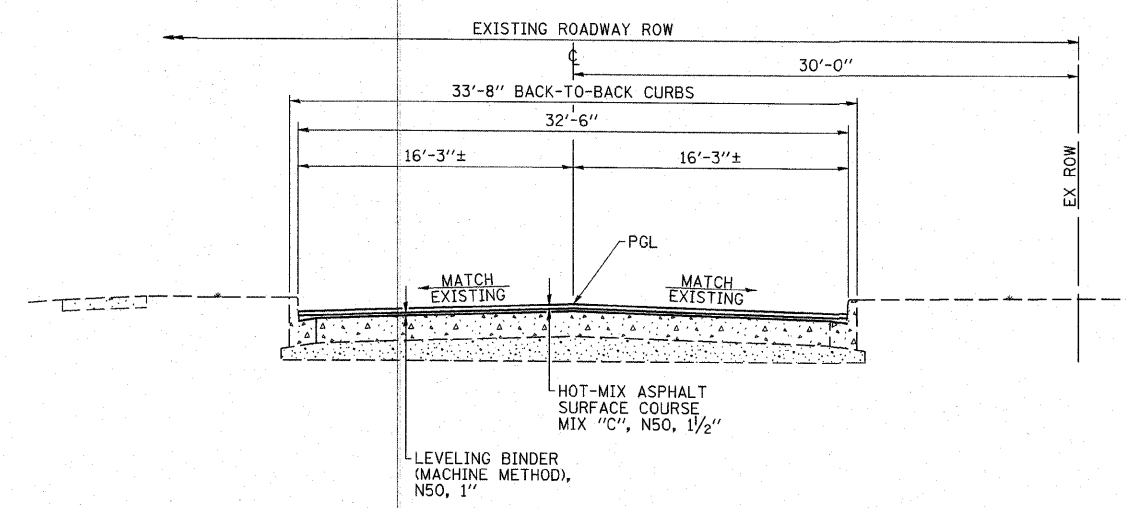
**BUCHANAN STREET  
EXISTING TYPICAL SECTION  
CENTER STREET TO WASHINGTON STREET  
STATION 193+00 TO STATION 198+27.23  
STATION 198+58.77 TO STATION 204+00**



**BUCHANAN STREET  
PROPOSED TYPICAL SECTION  
CENTER STREET TO WASHINGTON STREET  
STATION 194+05.43 TO STATION 203+38.04**



**BUCHANAN STREET  
EXISTING TYPICAL SECTION  
STATION 198+27.23 TO STATION 198+58.77**



**BUCHANAN STREET  
PROPOSED TYPICAL SECTION  
STATION 198+27.23 TO STATION 198+58.77**

USER: HAS, 2/20/11  
TIME: 7:49:36 AM  
SCALE: 4800:1  
FILE: 60504\_1.dwg



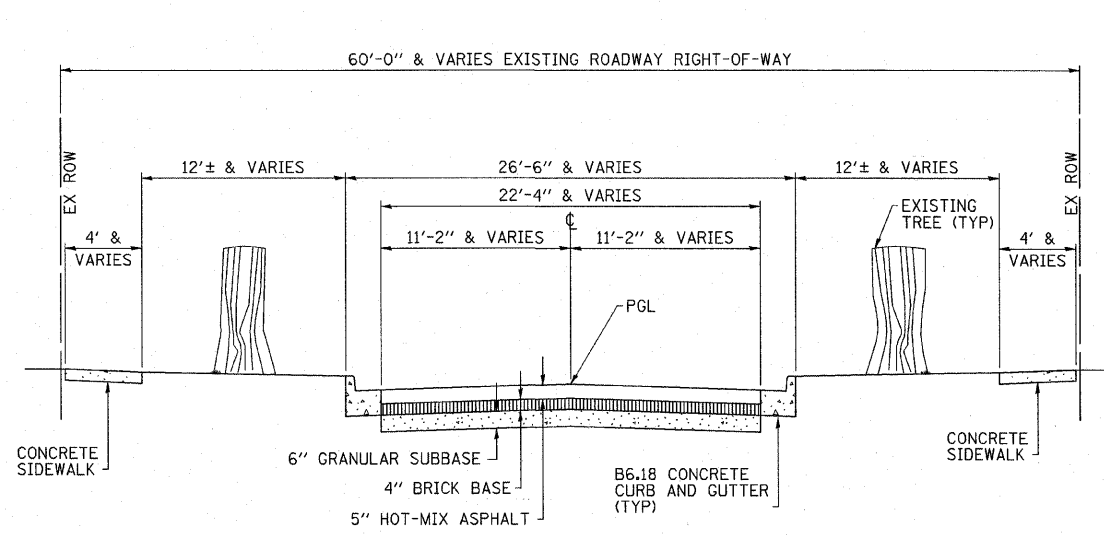
DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

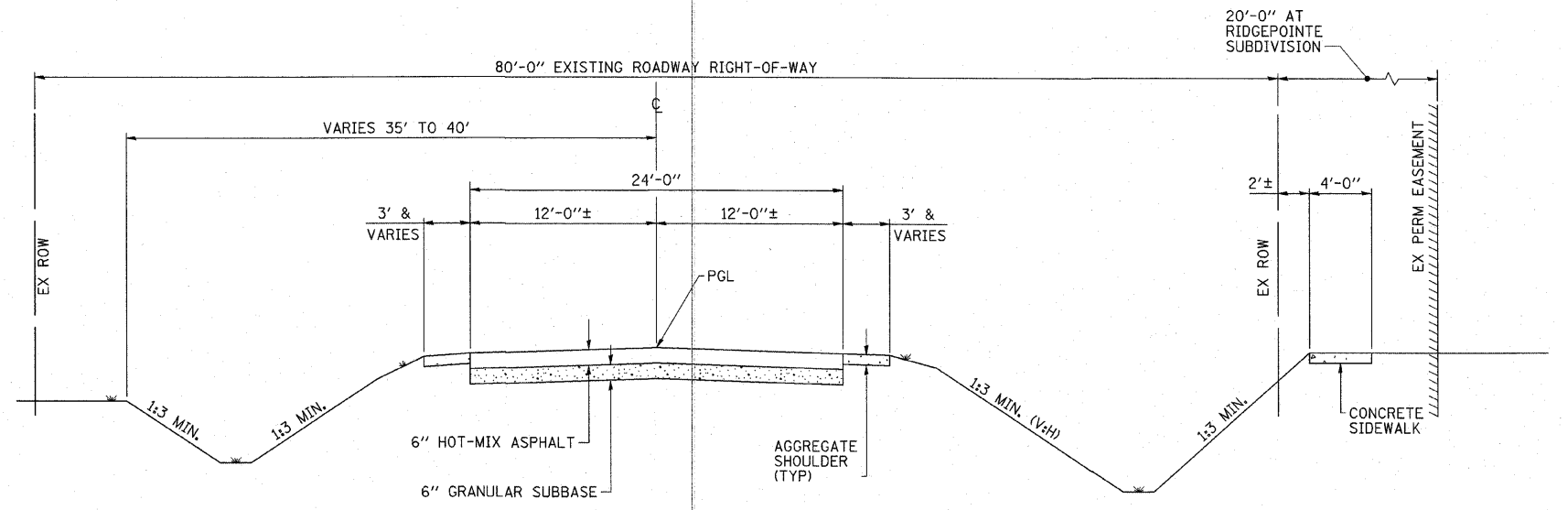
BUCHANAN STREET  
TYPICAL SECTIONS

DRAWING NUMBER  
4  
2 OF 4

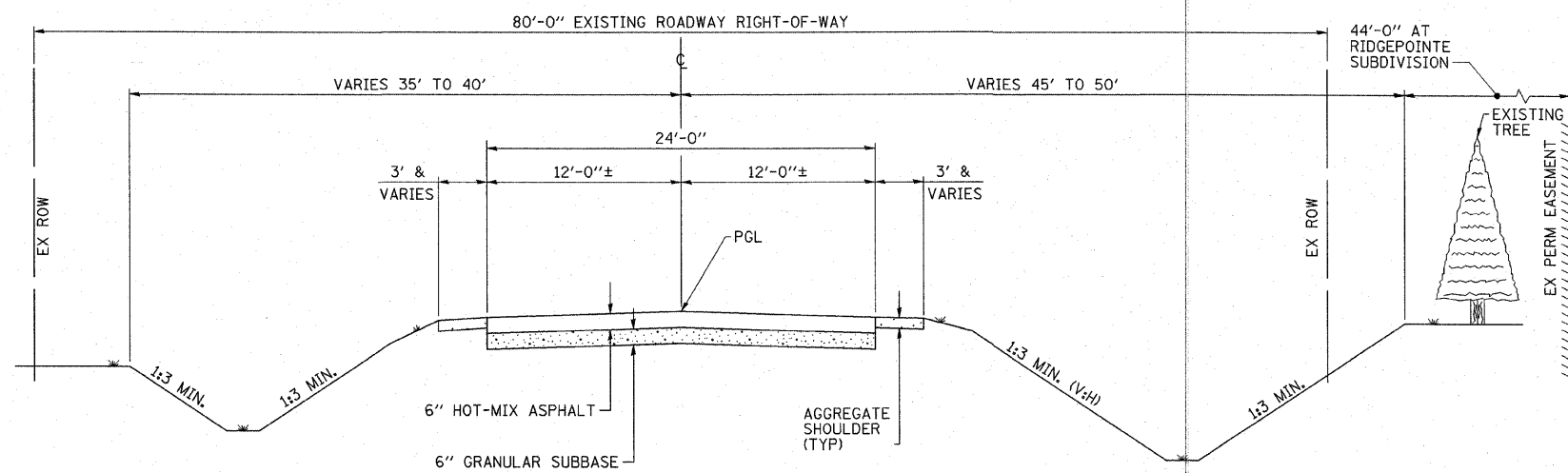




**WASHINGTON STREET  
EXISTING URBAN TYPICAL SECTION  
BUCHANAN STREET TO EAST OF GREELY STREET  
STATION 299+02.30 TO STATION 317+80.30**



**WASHINGTON STREET  
EXISTING SUBURBAN TYPICAL SECTION  
EAST OF GREELY STREET TO COUNTY HIGHWAY 4  
STATION 317+80.30 TO STATION 324+00**



**WASHINGTON STREET  
EXISTING SUBURBAN TYPICAL SECTION  
EAST OF GREELY STREET TO COUNTY HIGHWAY 4  
STATION 324+00 TO STATION 337+19.91**

USER: HAS  
DATE: 3/1/11 3:08:30 PM  
FILE: 44502-5-R00-CVL.dgn  
SCALE: 800/1

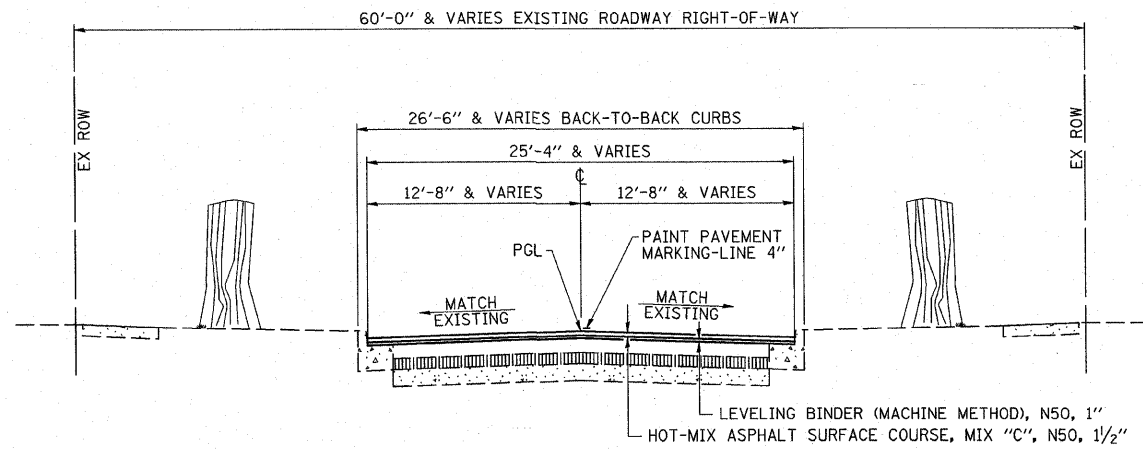
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

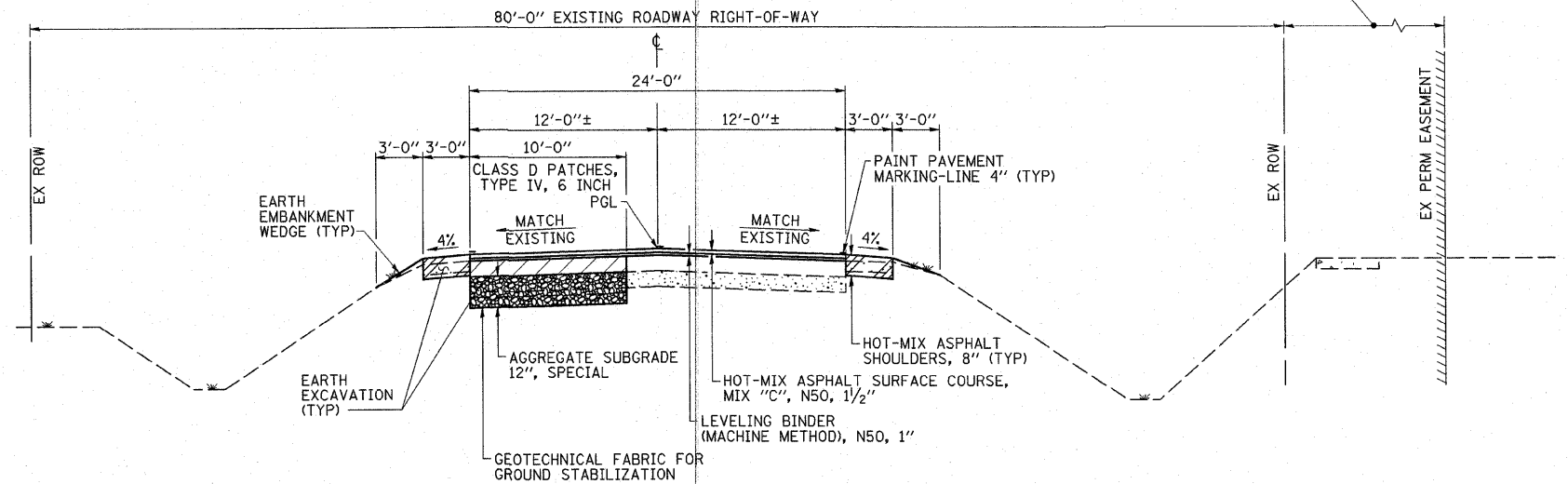
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

WASHINGTON STREET  
TYPICAL SECTIONS

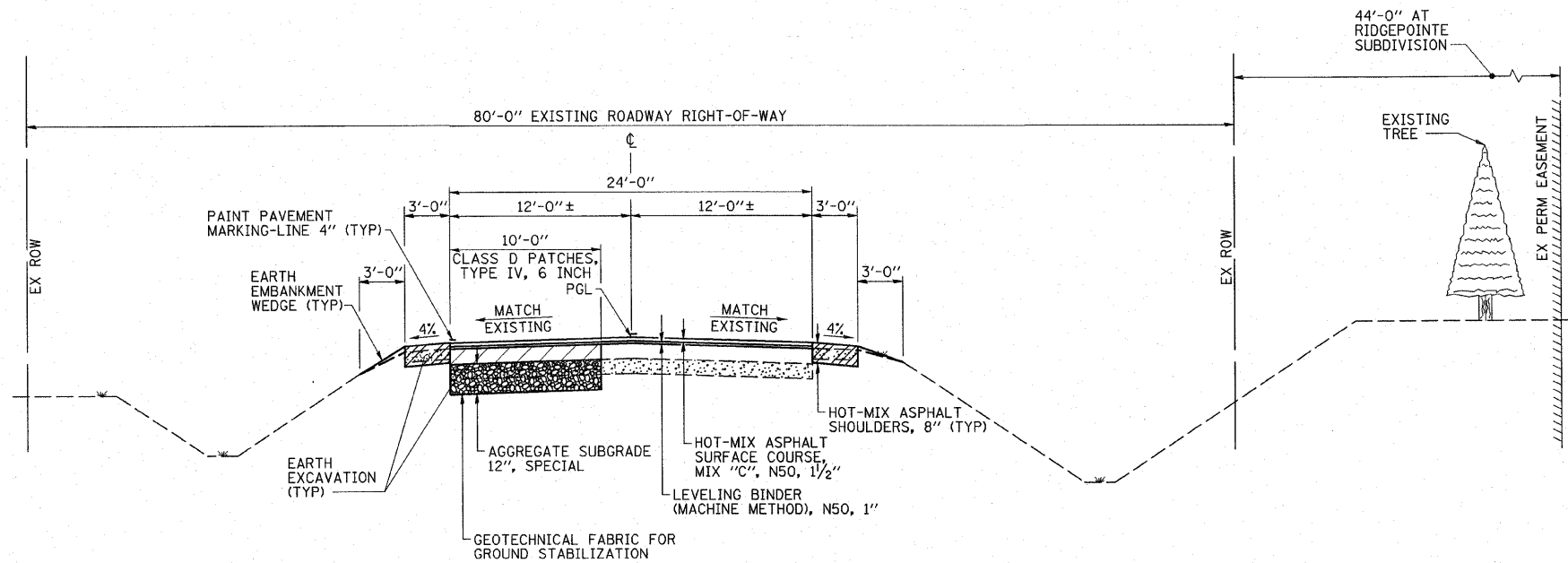
DRAWING NUMBER  
**5**  
3 OF 4



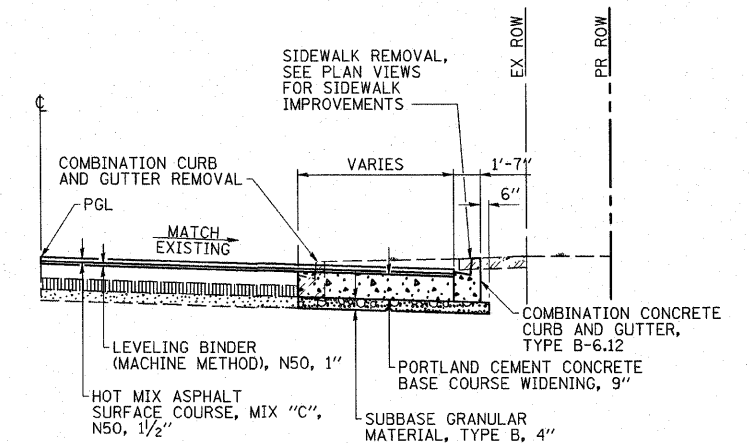
**WASHINGTON STREET  
PROPOSED URBAN TYPICAL SECTION  
BUCHANAN STREET TO EAST OF GREELY STREET  
STATION 301+39.49 TO STATION 317+88.09**



**WASHINGTON STREET  
PROPOSED SUBURBAN TYPICAL SECTION  
EAST OF GREELY STREET TO COUNTY HIGHWAY 4  
STATION 317+88.09 TO STATION 324+00**



**WASHINGTON STREET  
PROPOSED SUBURBAN TYPICAL SECTION  
EAST OF GREELY STREET TO COUNTY HIGHWAY 4  
STATION 324+00 TO STATION 337+19.91**



**PROPOSED TYPICAL HALF SECTION  
AT CENTER AND WASHINGTON STREET  
INTERSECTIONS WITH BUCHANAN STREET**

USER: HAS  
DATE: 3/25/2011  
FILE: 44502\_6\_R06\_CVL.dgn  
SCALE: 8/8

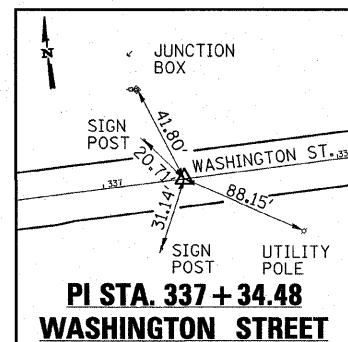
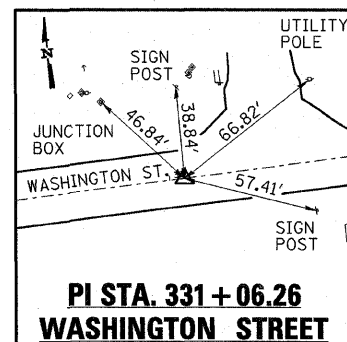
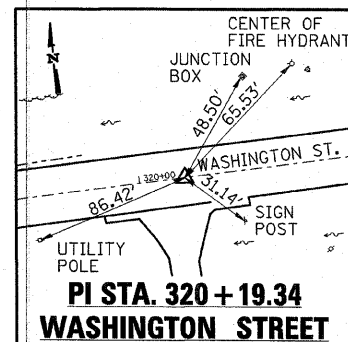
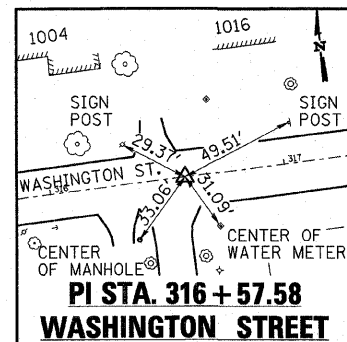
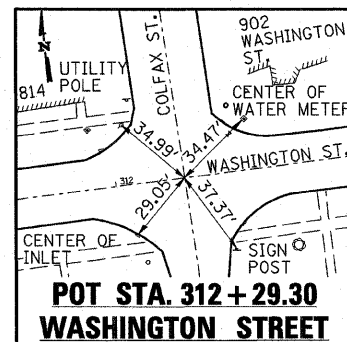
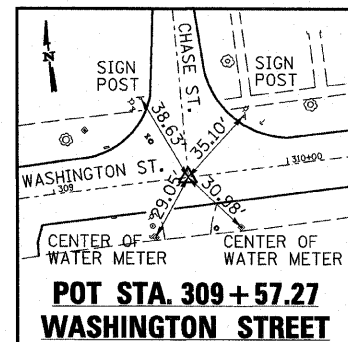
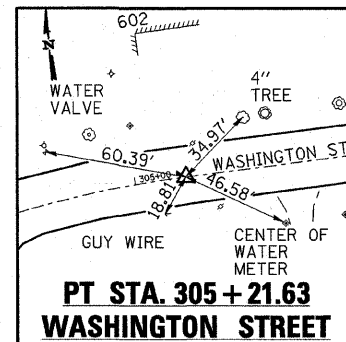
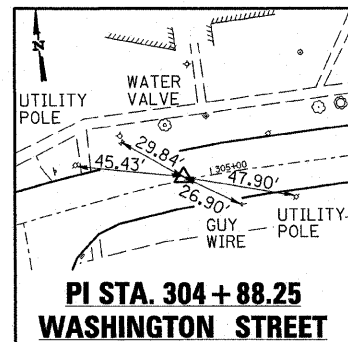
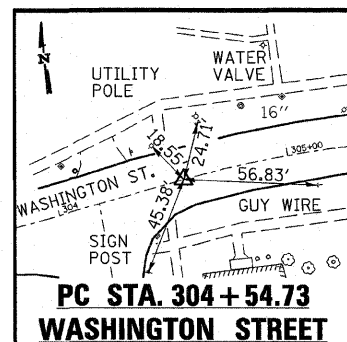
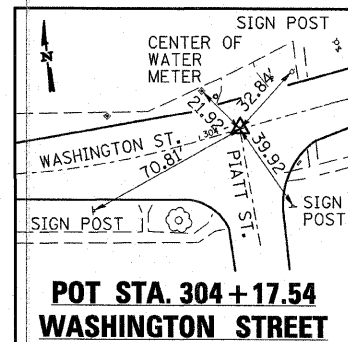
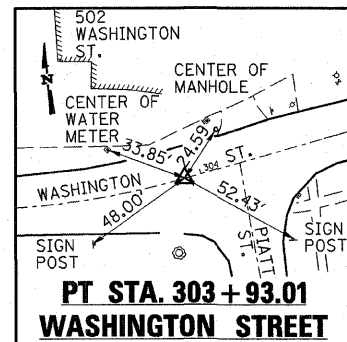
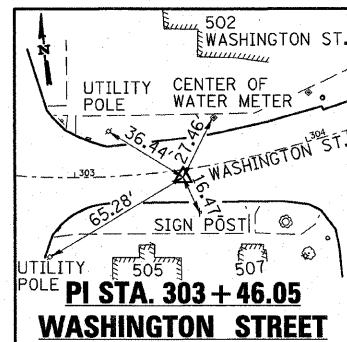
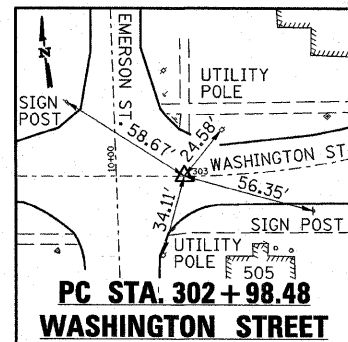
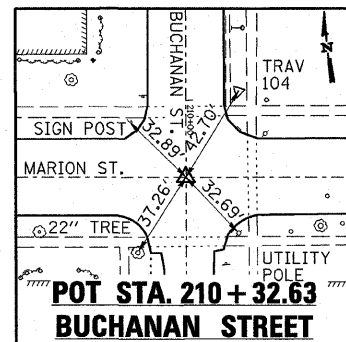
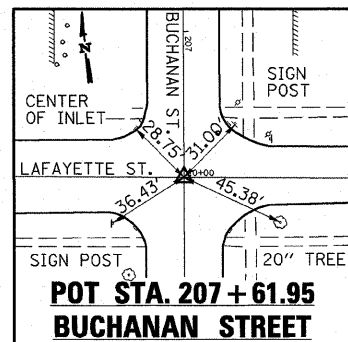
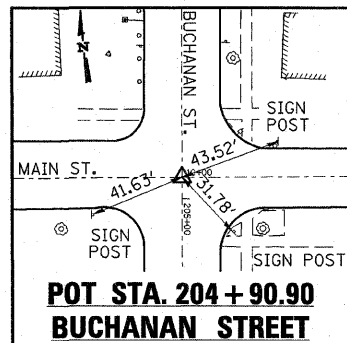
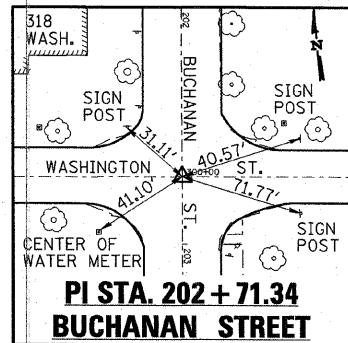
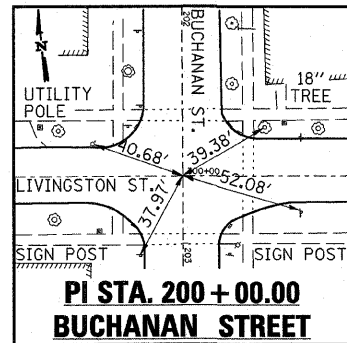
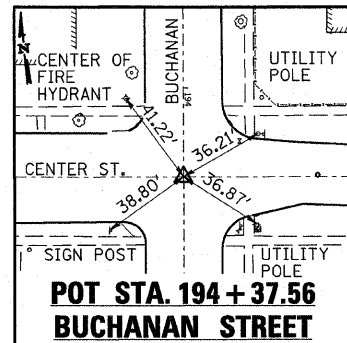
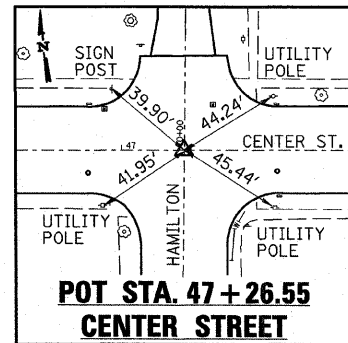
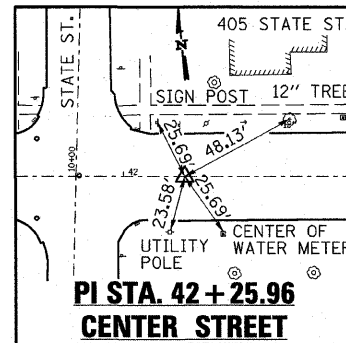
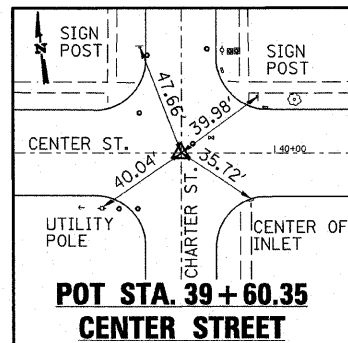
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

WASHINGTON STREET  
TYPICAL SECTIONS

DRAWING NUMBER  
6  
4 OF 4



**BENCHMARKS**

**BENCHMARK #1** ELEV. 671.50  
NE FLANGE NUT OF FIRE HYDRANT,  
NW CORNER OF THE INTERSECTION  
OF BUCHANAN ST. & WASHINGTON ST.,  
STA. 299+69, 23' LT

**BENCHMARK #3** ELEV. 671.39  
SE FLANGE NUT OF FIRE HYDRANT,  
S OF CENTER ST. ON EAST SIDE OF  
BUCHANAN ST. AND CENTER ST.,  
STA. 49+75, 33' LT

**BENCHMARK #4** ELEV. 665.61  
SE FLANGE NUT OF FIRE HYDRANT,  
NE CORNER OF THE INTERSECTION  
OF INDEPENDENCE ST. & CENTER ST.,  
STA. 44+96, 24' LT

**BENCHMARK #5** ELEV. 659.20  
CHISELED SQUARE ON TOP OF CURB,  
S OF CENTER ST. ON EAST SIDE OF  
STATE ST., 21' FROM CENTER ST. BOC

**BENCHMARK #6** ELEV. 658.26  
S FLANGE NUT OF FIRE HYDRANT,  
NE CORNER OF THE INTERSECTION  
OF CENTER ST. & MARKET ST.,  
STA. 37+43, 22' LT

**BENCHMARK #7** ELEV. 671.36  
SPIKE IN W FACE OF UTILITY POLE,  
NE CORNER OF THE INTERSECTION  
OF BUCHANAN ST. & LAFAYETTE ST.,  
STA. 207+44, 36' LT

**BENCHMARK #9** ELEV. 670.07  
SPIKE IN S FACE OF UTILITY POLE,  
NE CORNER OF THE INTERSECTION  
OF WASHINGTON ST. & EMERSON ST.,  
STA. 302+90, 45' LT

**BENCHMARK #10** ELEV. 673.39  
SE FLANGE NUT OF FIRE HYDRANT,  
NE CORNER OF THE INTERSECTION  
OF WASHINGTON ST. & PIATT ST.,  
STA. 304+67, 24' LT

**BENCHMARK #11** ELEV. 668.48  
SE FLANGE NUT OF FIRE HYDRANT,  
NW CORNER OF THE INTERSECTION  
OF WASHINGTON ST. & CHASE ST.,  
STA. 309+38, 35' LT

**BENCHMARK #12** ELEV. 670.02  
SE FLANGE NUT OF FIRE HYDRANT,  
NW CORNER OF THE INTERSECTION  
OF WASHINGTON ST. & GREELY ST.,  
STA. 314+76, 48' LT

**BENCHMARK #13** ELEV. 667.21  
CHISELED SQUARE, SE CORNER OF  
CULVERT HEADWALL ON NORTH SIDE  
OF WASHINGTON ST. AND START OF  
N DITCH,  
STA. 317+78, 29' LT

**BENCHMARK #14** ELEV. 671.37  
CHISELED SQUARE ON TOP OF CONCRETE  
CULVERT FLARED END SECTION, SW CORNER  
OF THE INTERSECTION OF WASHINGTON ST.  
AND CHAUCER BLVD.,  
STA. 323+20, 31' RT

**BENCHMARK #15** ELEV. 679.89  
CHISELED SQUARE ON TOP OF S. END  
OF WEST CULVERT HEADWALL, CULVERT  
UNDER WEST PRIVATE ENTRANCE FOR  
TATMAN VILLAGE,  
STA. 331+21, 22' LT

**BENCHMARK #16** ELEV. 683.47  
CHISELED SQUARE ON TOP OF S. END  
OF EAST CULVERT HEADWALL, CULVERT  
UNDER EAST PRIVATE ENTRANCE FOR  
TATMAN VILLAGE,  
STA. 335+52, 21' LT

USER: HAS  
DATE: 3/2/2011  
FILE: 44502-S\_087\_CVL.dwg  
SCALE: 800S / 1" = 40'

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	JAN. 28, 2011				
CHECKED BY:	ELH	01/11	JOB NO.	445.02				
APPROVED BY:	RDP	01/11						

**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
**CITY OF MONTICELLO**

**TIES & BENCHMARKS**  
**7**  
1 OF 1

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	48
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	161
20200100	EARTH EXCAVATION	CU YD	920
20800150	TRENCH BACKFILL	CU YD	10
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2200
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	2480
25000110	SEEDING, CLASS 1A	ACRE	0.60
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	55
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	55
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	55
25100115	MULCH, METHOD 2	ACRE	0.60
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	120
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	250
35400200	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 7"	SQ YD	29
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	187
35800100	PREPARATION OF BASE	SQ YD	2200
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	64
40600525	LEVELING BINDER (HAND METHOD), N50	TON	10
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	830
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	328
40600990	TEMPORARY RAMP	SQ YD	109
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1375
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	75
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	222
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	87
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2994
42400800	DETECTABLE WARNINGS	SQ FT	523
44000100	PAVEMENT REMOVAL	SQ YD	41
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	258
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3014
44000600	SIDEWALK REMOVAL	SQ FT	3008
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	2192
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	217

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1110
550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	56
55100400	STORM SEWER REMOVAL 10"	FOOT	6
55100500	STORM SEWER REMOVAL 12"	FOOT	6
56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	5
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	7
60109200	PIPE UNDERDRAINS, PERFORATED CORRUGATED STEEL OR ALUMINUM PIPE 6"	FOOT	126
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1, FRAME, CLOSED LID	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	3
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60254105	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 11V FRAME AND GRATE	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	13
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1
60260505	INLETS TO BE ADJUSTED WITH NEW TYPE 3V FRAME AND GRATE	EACH	6
60261320	INLETS TO BE ADJUSTED WITH NEW TYPE 11V FRAME AND GRATE	EACH	5
60261530	INLETS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	3
60263000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4
60266600	VALVE BOXES TO BE ADJUSTED	EACH	8
60500060	REMOVING INLETS	EACH	2
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2013
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1062
67100100	MOBILIZATION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	800
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	267
Δ 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	123
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5917
Δ 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	444
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	137

\*SPECIAL PROVISION REQUIRED  
Δ SPECIALTY ITEMS

USER = HDS  
DATE = 3/29/2011  
FILE = 44502-6-N08-CVL.dgn  
SCALE = 8/864 / 7 IN



DESIGNED BY: ELH	01/11	SCALE: NONE	NO.	DATE	REVISION	APVD
DRAWN BY: HAS	01/11	DATE: MAR. 25, 2011				
CHECKED BY: ELH	03/11	JOB NO. 445.02				
APPROVED BY: RDP	03/11					

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

SUMMARY OF QUANTITIES

DRAWING NUMBER  
8  
1 OF 2



LANDSCAPE SCHEDULE							
LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)	TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)	SEEDING, CLASS 1A (25000110)	NITROGEN FERTILIZER NUTRIENT (25000400)	PHOSPHORUS FERTILIZER NUTRIENT (25000500)	POTASSIUM FERTILIZER NUTRIENT (25000600)	MULCH, METHOD 2 (25100115)
	UNIT	UNIT	ACRE	POUND	POUND	POUND	ACRE
BUCHANAN STREET			0.16	15	15	15	0.16
CENTER STREET			0.02	2	2	2	0.02
WASHINGTON STREET			0.42	38	38	38	0.42
STA 49+56, 24' LT	12						
STA 196+03, 23' RT	12						
STA 200+70, 18' LT		35					
STA 201+02, 18' LT		35					
STA 201+46, 22' RT		33					
STA 202+32, 21' LT		16					
STA 202+51, 35' LT		18					
STA 202+52, 58' LT		24					
STA 203+06, 38' LT	8						
STA 203+06, 38' LT	6						
STA 203+06, 38' LT	10						
TOTALS	48	161	0.60	55	55	55	0.60

PAVEMENT REMOVAL SCHEDULE	
LOCATION	PAVEMENT REMOVAL (44000100)
	SQ YD
NW CORNER BUCHANAN/WASHINGTON	1.7
NW CORNER EMERSON/WASHINGTON	4.3
SW CORNER EMERSON/WASHINGTON	1.4
NE CORNER EMERSON/WASHINGTON	3.3
NW CORNER CHASE/WASHINGTON	2.5
NE CORNER CHASE/WASHINGTON	2.1
NW CORNER COLFAX/WASHINGTON	2.1
SW CORNER COLFAX/WASHINGTON	2.5
NE CORNER COLFAX/WASHINGTON	2.5
SE CORNER COLFAX/WASHINGTON	3.0
NW CORNER GREELY/WASHINGTON	4.4
NE CORNER GREELY/WASHINGTON	2.0
STA 317+44.18 TO STA 317+88.09, LT	7.7
NE CORNER CENTER/BUCHANAN	0.6
SE CORNER CENTER/BUCHANAN	0.3
SE CORNER BUCHANAN/LIVINGSTON	0.6
TOTAL	41

EARTHWORK SCHEDULE			
LOCATION	EARTH EXCAVATION (20200100)	INCIDENTAL EXCAVATION	TOTAL EXCAVATION
	CU YD	CU YD	CU YD
FOR 12" AGGREGATE SUBGRADE	735		735
FOR WIDENING & CURB AND GUTTER		173	173
FOR DRIVEWAY WIDENING		10	10
FOR SIDEWALK CONSTRUCTION		167	167
FOR HMA SHOULDERS	185		185
FOR BLOCK RETAINING WALL CONSTRUCTION		50	50
FOR RR CROSSING		20	20
TOTALS	920	420	1340

DRIVEWAY PAVEMENT REMOVAL SCHEDULE	
LOCATION	DRIVEWAY PAVEMENT REMOVAL (44000200)
	SQ YD
STA 49+17.37, LT	13.1
STA 49+22.00, RT	10.8
STA 195+36.00, LT	14.8
STA 195+91.38, LT	16.5
STA 195+92.39, RT	15.2
STA 196+62.12, RT	16.8
STA 196+74.58, LT	26.8
STA 197+18.57, RT	13.2
STA 197+65.03, RT	32.4
STA 198+69.29, LT	28.4
STA 201+17.60, RT	13.6
STA 201+34.76, RT	14.1
STA 201+43.24, LT	33.7
STA 312+60.10, RT	8.6
TOTAL	258

PCC SURFACE REMOVAL - BUTT JOINT SCHEDULE	
LOCATION	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT (40600985)
	SQ YD
CENTER STREET	129
CHAUCER BOULEVARD	138
WEST MIDDLE SCHOOL ENTRANCE	61
TOTAL	328

TEMPORARY RAMP SCHEDULE	
LOCATION	TEMPORARY RAMP (40600990)
	SQ YD
CENTER STREET	20
BUCHANAN STREET RR CROSSING	33
CHAUCER BOULEVARD	27
WEST MIDDLE SCHOOL ENTRANCE	14
EACH END OF WASHINGTON STREET PATCHING	15
TOTAL	109

AGGREGATE FOR TEMPORARY ACCESS SCHEDULE	
LOCATION	AGGREGATE FOR TEMPORARY ACCESS (40201000)
	TON
STA 49+17.37, LT	3
STA 49+22.00, RT	4
STA 195+36.00, LT	4
STA 195+91.38, LT	4
STA 195+92.39, RT	3
STA 196+62.12, RT	7
STA 196+74.58, LT	8
STA 197+18.57, RT	0
STA 197+65.03, RT	9
STA 198+69.29, LT	5
STA 201+17.60, RT	5
STA 201+34.76, RT	4
STA 201+43.24, LT	8
TOTAL	64

TREE SCHEDULE	
LOCATION	AUTUMN BLAZE FREEMAN MAPLE (A2000116)
	EACH
401 WASHINGTON ST.	1
MONTICELLO CITY LIMITS	8
TOTAL	9

PIPE UNDERDRAINS SCHEDULE			
LOCATION		CONCRETE HEADWALLS FOR PIPE DRAINS (60100600)	PIPE UNDERDRAINS PERF CORR STL OR ALUM 6" (60109200)
		EACH	FOOT
STA 318+50, 2' LT TO STA 318+50, 20' LT		1	18
STA 321+50, 2' LT TO STA 321+50, 20' LT		1	18
STA 325+00, 2' LT TO STA 325+00, 20' LT		1	18
STA 327+50, 2' LT TO STA 327+50, 20' LT		1	18
STA 330+00, 2' LT TO STA 330+00, 20' LT		1	18
STA 332+50, 2' LT TO STA 332+50, 20' LT		1	18
STA 334+50, 2' LT TO STA 334+50, 20' LT		1	18
TOTALS		7	126

USER: HAS  
TIME: 16:03:24 PM  
FILE: 44502.S.NIG.CV.L.dgn  
SCALE: 8/884 7 IN.



DESIGNED BY: ELH	01/11	SCALE: NONE	NO.	DATE	REVISION	APVD
DRAWN BY: HAS	01/11	DATE: MAR. 25, 2011				
CHECKED BY: ELH	03/11	JOB NO. 445.02				
APPROVED BY: RDP	03/11					

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

SCHEDULES OF QUANTITIES

DRAWING NUMBER  
10  
1 OF 3



INCIDENTAL HOT-MIX ASPHALT SURFACING	
LOCATION	INCIDENTAL HOT-MIX ASPHALT SURFACING (40800050)
	TON
STA 48+76.24, RT	0.5
STA 301+34.92, RT	0.7
STA 301+48.82, LT	0.5
STA 303+04.52, RT	0.7
STA 304+23.92, LT	0.8
STA 305+67.82, RT	0.6
STA 306+33.68, RT	0.5
STA 306+88.38, RT	0.6
STA 306+96.59, LT	0.7
STA 307+08.01, RT	0.6
STA 307+66.88, RT	0.5
STA 307+82.96, RT	0.6
STA 308+41.43, LT	0.6
STA 308+84.72, RT	0.6
STA 309+54.70, RT	1.0
STA 310+77.94, RT	0.6
STA 310+90.70, LT	1.1
STA 311+02.41, RT	0.6
STA 311+54.03, RT	0.7
STA 313+34.30, LT	0.8
STA 313+65.35, RT	0.6
STA 315+96.09, LT	0.8
STA 316+28.02, RT	0.6
STA 316+46.19, LT	0.6
STA 316+49.77, RT	0.9
STA 317+61.32, RT	0.9
STA 320+14.21, RT	3.0
STA 299+22.30, LT	1.4
CHAUCER BOULEVARD	28.4
WEST TATMAN ENTRANCE	6.0
EAST TATMAN ENTRANCE	5.1
WEST MIDDLE SCHOOL ENTRANCE	13.4
TOTAL	75.0

DOMESTIC METER VAULTS TO BE ADJUSTED SCHEDULE	
LOCATION	DOMESTIC METER VAULTS TO BE ADJUSTED (56500300)
	EACH
STA 195+84.85, 23.45' RT	1
STA 201+12.17, 22.94' RT	1
STA 202+48.53, 43.24' LT	1
STA 202+94.78, 35.43' RT	1
STA 314+77.06, 23.90' RT	1
TOTAL	5

SEGMENTAL CONCRETE BLOCK WALL SCHEDULE	
LOCATION	SEGMENTAL CONCRETE BLOCK WALL (Z0013302)
	SQ FT
NE CORNER WASHINGTON/BUCHANAN	133
SE CORNER WASHINGTON/BUCHANAN	230
SW CORNER WASHINGTON/BUCHANAN	91
TOTAL	434

VALVE BOXES TO BE ADJUSTED SCHEDULE	
LOCATION	VALVE BOXES TO BE ADJUSTED (60266600)
	EACH
STA 194+22.29, 23.66' LT	1
STA 194+60.26, 23.20' LT	1
STA 203+15.27, 18.79' LT	1
STA 302+82.91, 8.15' LT	1
STA 302+84.77, 15.27' LT	1
STA 309+37.65, 31.50' LT	1
STA 309+42.48, 19.42' LT	1
STA 312+50.10, 16.12' LT	1
TOTAL	8

PCC DRIVEWAY PAVEMENT SCHEDULE		
LOCATION	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6" (42300200)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8" (42300400)
	SQ YD	SQ YD
STA 49+17.37, LT	17.1	
STA 49+22.00, RT	13.2	
STA 195+36.00, LT	21.4	
STA 195+91.38, LT	21.6	
STA 195+92.39, RT	19.4	
STA 196+62.12, RT	26.1	
STA 196+74.58, LT	33.5	
STA 197+18.57, RT		18.0
STA 197+65.03, RT		36.0
STA 198+69.29, LT		33.0
STA 201+17.6/+34.76, RT	34.0	
STA 201+43.24, LT	35.7	
TOTALS	222	87

PCC BASE COURSE WIDENING SCHEDULE		
LOCATION	PCC BASE COURSE WIDENING 7" (35400200)	PCC BASE COURSE WIDENING 9" (35400400)
	SQ YD	SQ YD
NW CORNER CENTER/BUCHANAN	29	
SW CORNER CENTER/BUCHANAN		23
NE CORNER WASHINGTON/BUCHANAN		75
SW CORNER WASHINGTON/BUCHANAN		15
SE CORNER WASHINGTON/BUCHANAN		46
SW CORNER WASHINGTON/GREELY		14
SE CORNER WASHINGTON/GREELY		14
TOTALS	29	187

USER: HAS  
 TIME: 2:27:24  
 FILE: 44502.S:PLLOT.dgn  
 SCALE: 0.884 / 7 IN.



DESIGNED BY: ELH 01/11	SCALE: NONE	NO.	DATE	REVISION	APVD
DRAWN BY: HAS 01/11	DATE: MAR. 25, 2011				
CHECKED BY: ELH 03/11	JOB NO. 445.02				
APPROVED BY: RDP 03/11					

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
 CITY OF MONTICELLO

SCHEDULES OF QUANTITIES

DRAWING NUMBER  
**11**  
 2 OF 3

**STORM SEWER SCHEDULE**

LOCATION	STORM SEWER CLASS A TYPE 1 12" (550A0050)	INLETS TY A				INLETS TY B		INLETS TO BE ADJUSTED					INLETS TO BE RECONSTRUCTED TY1 FRAME CL LID (60263000)	MANHOLES TYPE A 4' DIA. TYPE 1 F CL LID (60218400)	MANHOLES TO BE ADJUSTED (60255500)	CATCH BASINS TO BE RECONSTRUCTED TY 11V F&G (60254105)	TRENCH BACKFILL (20800150)
		TY 3V F&G (X6020074)	TY 8 G (60236200)	TY 23 F&G (60237460)	TY 11V F&G (60236825)	TY 3V F&G (X6020075)	TY 1 F CL LID (60240215)	TY 1 F OPEN LID (60260300)	TY 1 F CL LID (60260400)	TY 3V F&G (60260505)	TY 23 F&G (60261530)	TY 11V F&G (60261320)					
STA 50+56.68, 0.70' LT																	
STA 194+15.52, 19.75' RT																	
STA 194+15.59, 18.81' LT																	
STA 196+35.17, 15.25' LT	5				1												1.1
STA 196+42.00, 18.20' LT																	
STA 197+02.66, 15.25' LT																	
STA 197+07.34, 34.53' LT	17		1														1.3
STA 197+08.93, 16.25' RT																	
STA 198+80.49, 0.82' LT																	
STA 198+84.24, 16.25' LT																	
STA 199+11.31, 15.25' RT																	
STA 200+20.23, 19.63' RT																	
STA 200+21.88, 18.76' LT																	
STA 201+35.82, 16.25' RT																	
STA 201+39.71, 10.47' LT																	
STA 202+44.11, 27.31' LT	7				1												0.6
STA 202+50.63, 19.36' RT																	
STA 202+51.48, 21.49' LT																	
STA 202+55.79, 15.45' LT																	
STA 202+92.23, 21.04' RT	2																0.6
STA 202+92.53, 20.01' LT																	
STA 202+93.30, 34.31' LT	12				1												1.5
STA 202+94.33, 24.79' RT				1													
STA 302+86.62, 16.36' LT																	
STA 302+86.62, 13.39' RT																	
STA 302+91.83, 20.37' RT																	
STA 302+96.77, 17.63' LT	7	1								1							0.3
STA 303+05.59, 22.94' LT																	
STA 303+06.30, 16.50' LT																	
STA 304+36.47, 19.28' RT																	
STA 309+23.93, 11.17' RT																	
STA 309+24.60, 16.89' LT																	
STA 309+30.43, 15.58' LT																	
STA 309+43.61, 17.09' LT																	
STA 311+95.75, LT																	1.8
STA 312+00.25, 15.04' LT		1															
STA 312+07.73, 20.08' RT																	
STA 312+09.99, 16.25' LT																	
STA 312+12.22, 14.97' RT																	
STA 312+42.89, 14.25' LT																	
STA 312+43.95, 22.99' RT																	
STA 312+47.51, 20.21' LT																	
STA 312+50.41, 21.48' RT																	
STA 314+81.78, 32.16' LT																	
STA 315+12.93, 15.63' LT																	
STA 315+14.39, 13.81' RT	6																1.4
STA 315+16.31, 21.02' RT		1															
STA 315+29.43, 14.64' LT		1															
STA 315+35.27, LT																	1.4
TOTALS	56	4	1	1	3	1	1	2	1	6	3	5	4	1	13	1	10.0

STORM SEWER REMOVAL SCHEDULE			
LOCATION	STORM SEWER REMOVAL 10" (55100400)	STORM SEWER REMOVAL 12" (55100500)	REMOVING INLETS (60500060)
	FOOT	FOOT	EACH
STA 311+95.75, 16.21' LT	6		1
STA 315+35.27, 15.84' LT		6	1
TOTALS	6	6	2

USER: HAS  
DATE: 03/11  
FILE: 44502\_5\_N12-DVL.dgn  
SCALE: 8/8 1/2 IN.



DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011		
CHECKED BY:	ELH	03/11	JOB NO.	445.02		
APPROVED BY:	ADP	03/11				

REVISION

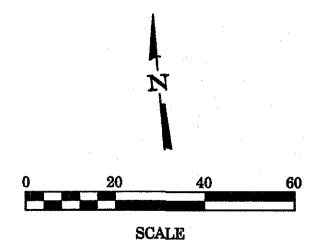
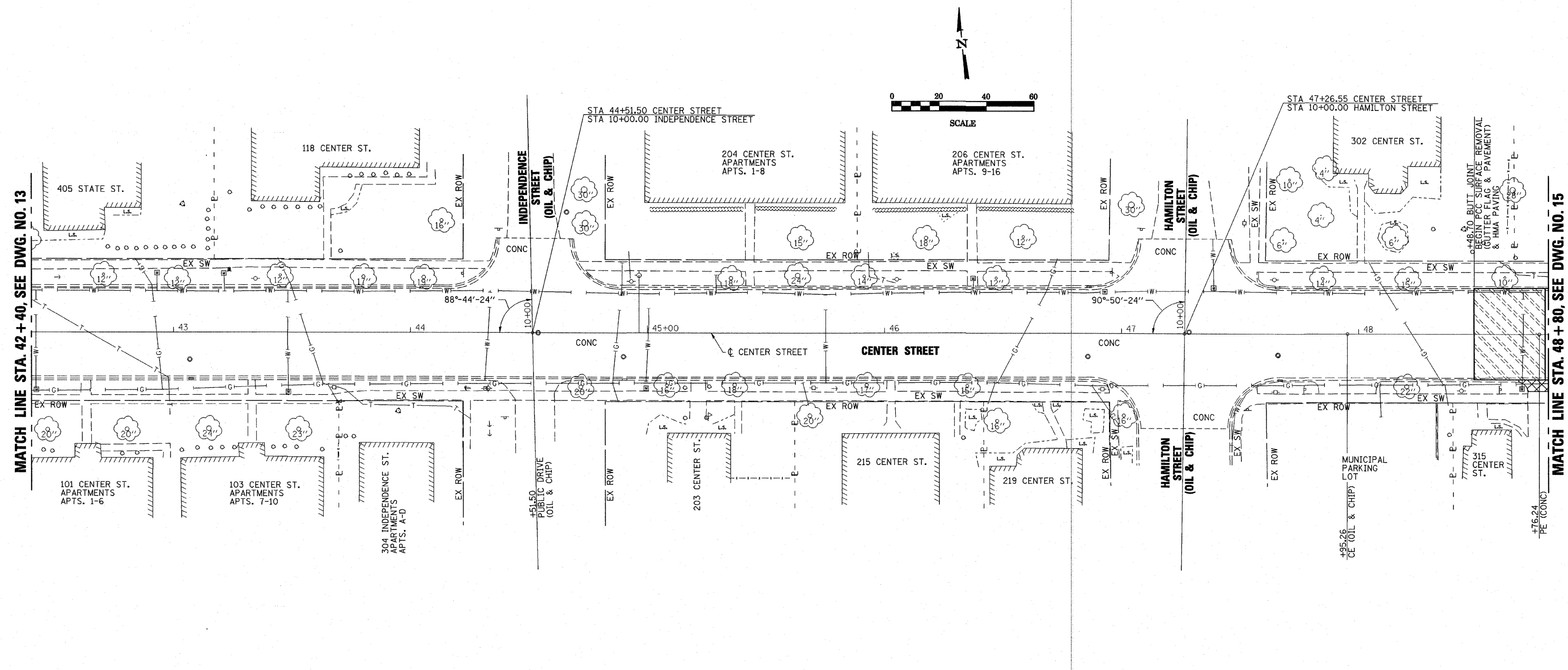
APVD

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

SCHEDULES OF QUANTITIES

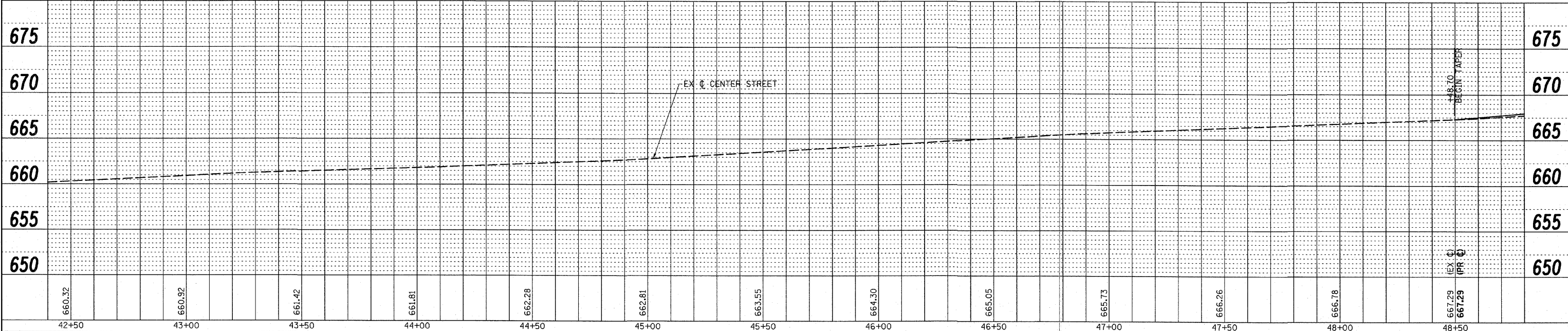
DRAWING NUMBER	12
	3 OF 3





MATCH LINE STA. 42+40, SEE DWG. NO. 13

MATCH LINE STA. 48+80, SEE DWG. NO. 15



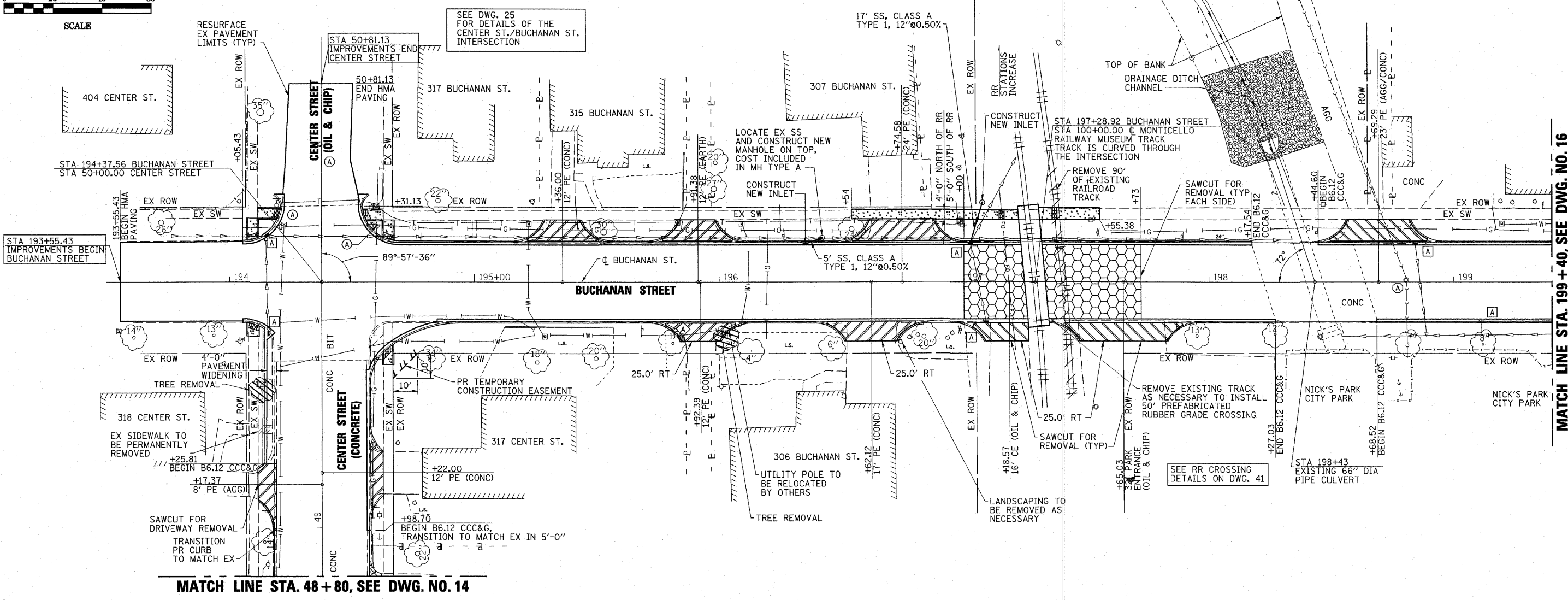
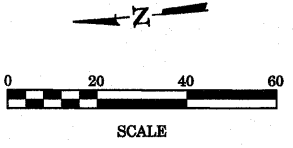
USER = HAS  
 TIME = 2/10/11 9:24 AM  
 FILE = 44502\_S-F93\_CVL.dgn  
 SCALE = 280.196 / IN

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY: ELH	01/11	SCALE: 1"=20'	NO.	DATE
DRAWN BY: HAS	01/11	DATE: MAR. 25, 2011		
CHECKED BY: ELH	01/11	JOB NO. 445.02		
APPROVED BY: RDP	01/11			

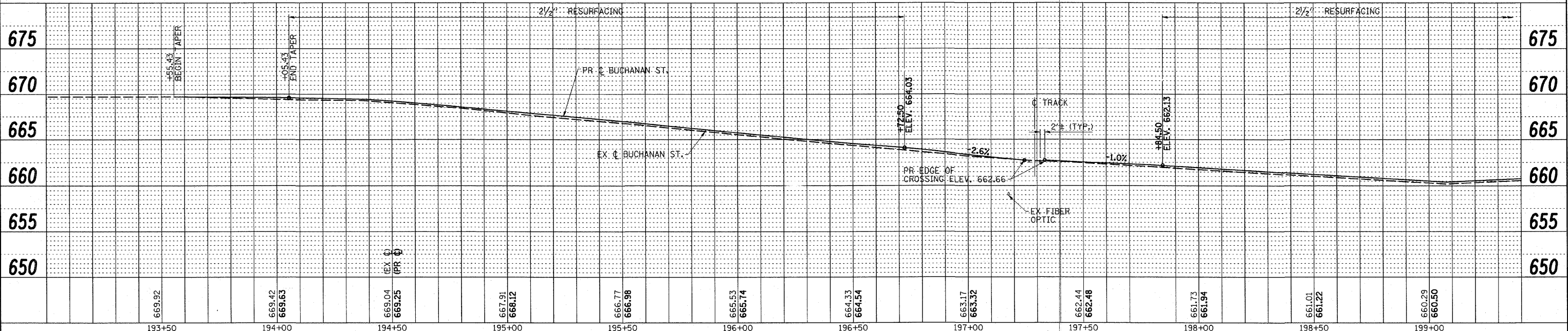
APVD  
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

CENTER STREET  
PLAN & PROFILE  
DRAWING NUMBER  
14  
2 OF 11



MATCH LINE STA. 48 + 80, SEE DWG. NO. 14

MATCH LINE STA. 199 + 40, SEE DWG. NO. 16



USER: MWS  
 TIME: 2:20:28 PM  
 FILE: 25502.S\_Plan\_CV.dgn  
 SCALE: 1/4"=1'-0"

**ESCA**  
 CONSULTANTS, INC.

DESIGNED BY: ELH 01/11  
 DRAWN BY: HAS 01/11  
 CHECKED BY: ELH 03/11  
 APPROVED BY: RDP 03/11

SCALE: 1"=20'  
 DATE: MAR. 3, 2011  
 JOB NO. 445.02

NO.	DATE	REVISION

APVD

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
 CITY OF MONTICELLO

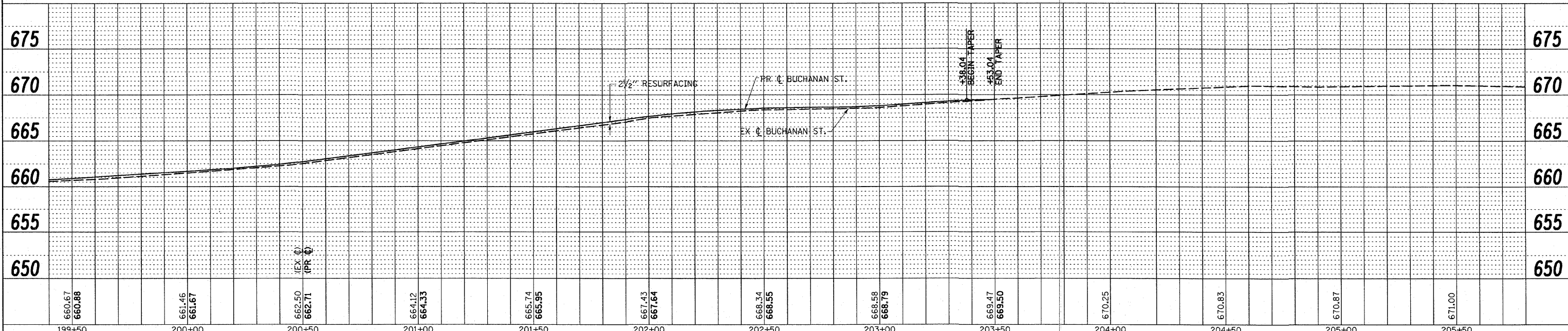
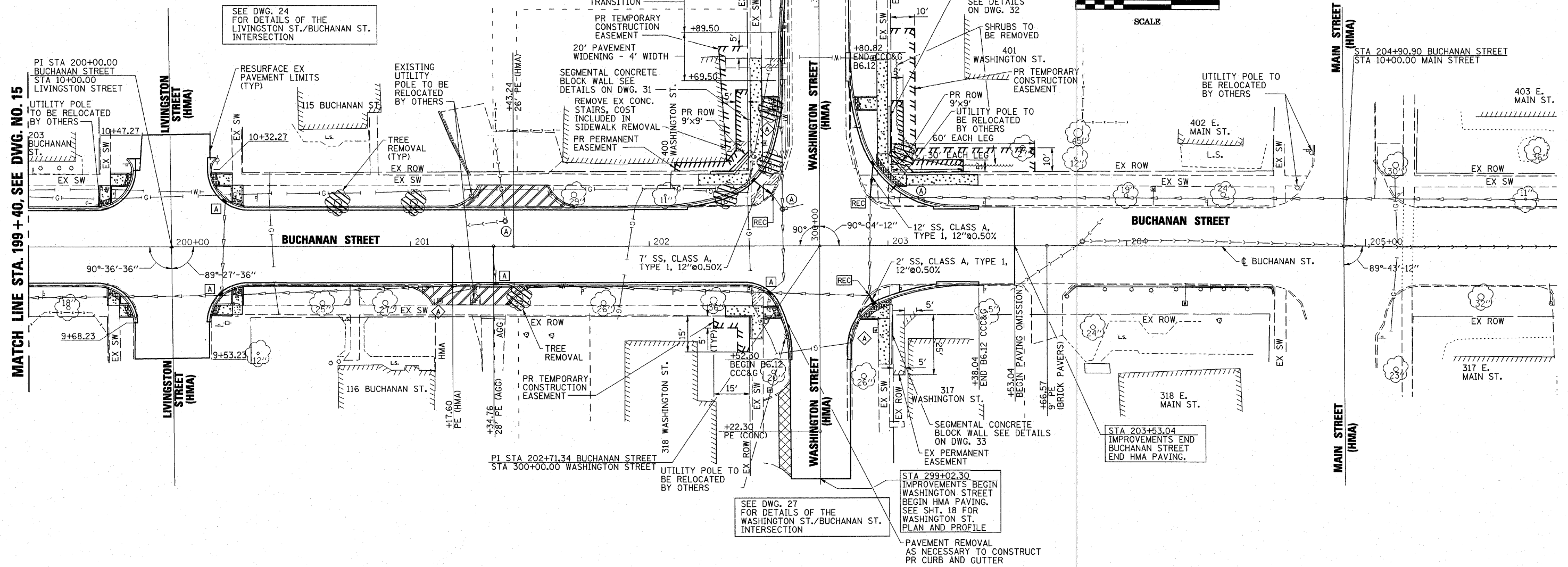
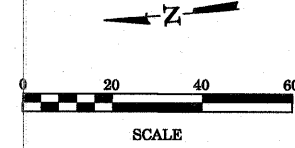
BUCHANAN STREET  
 PLAN & PROFILE

DRAWING NUMBER  
 15  
 3 OF 11





MATCH LINE STA. 301+15, SEE DWG. NO. 18



USER: HAS  
DATE: 3/27/2011  
FILE: 44502\_5\_P02\_CVL.dgn  
SCALE: 20/1596 7' IN.

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011		
CHECKED BY:	ELH	03/11	JOB NO.	445.02		
APPROVED BY:	RDP	03/11				

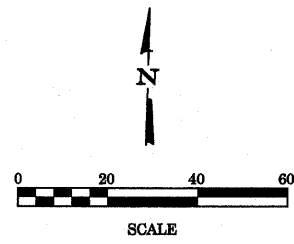
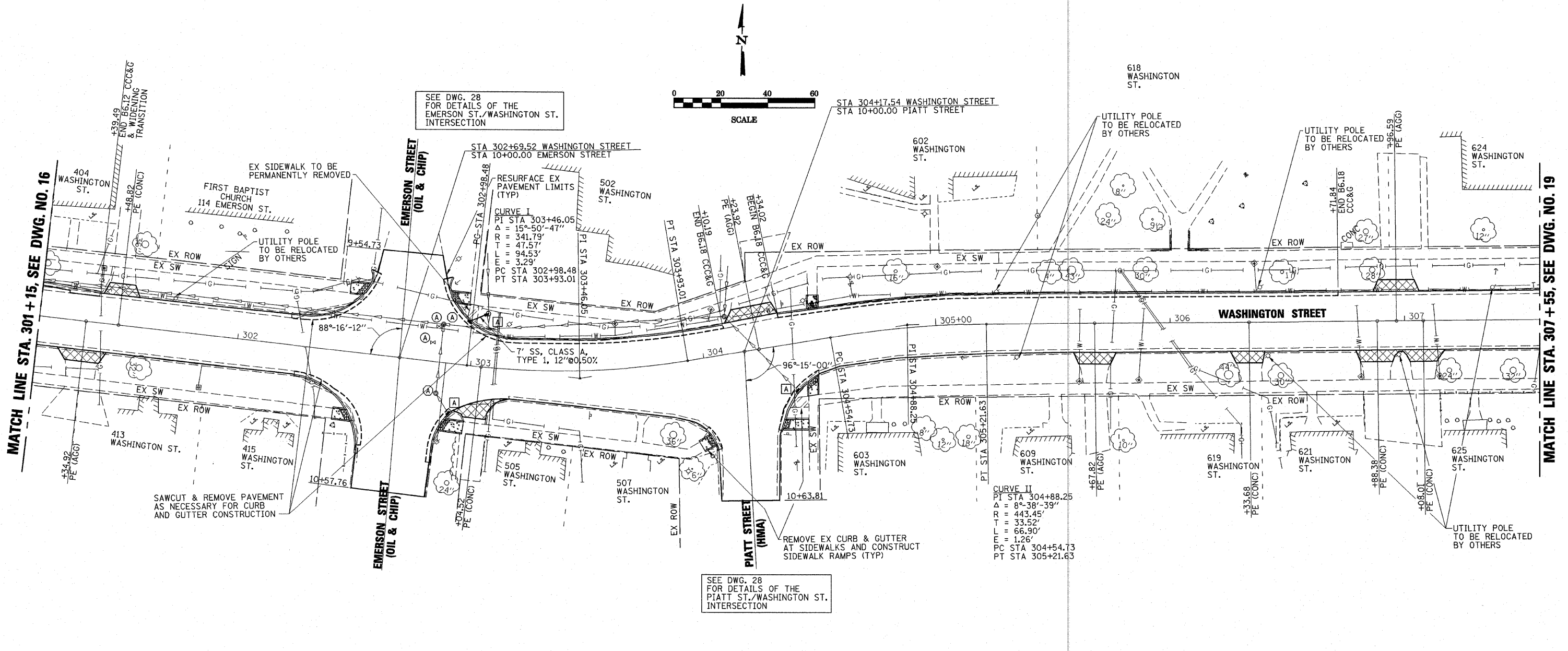
APVD  
**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
CITY OF MONTICELLO

**BUCHANAN STREET**  
PLAN & PROFILE

DRAWING NUMBER  
**16**  
4 OF 11

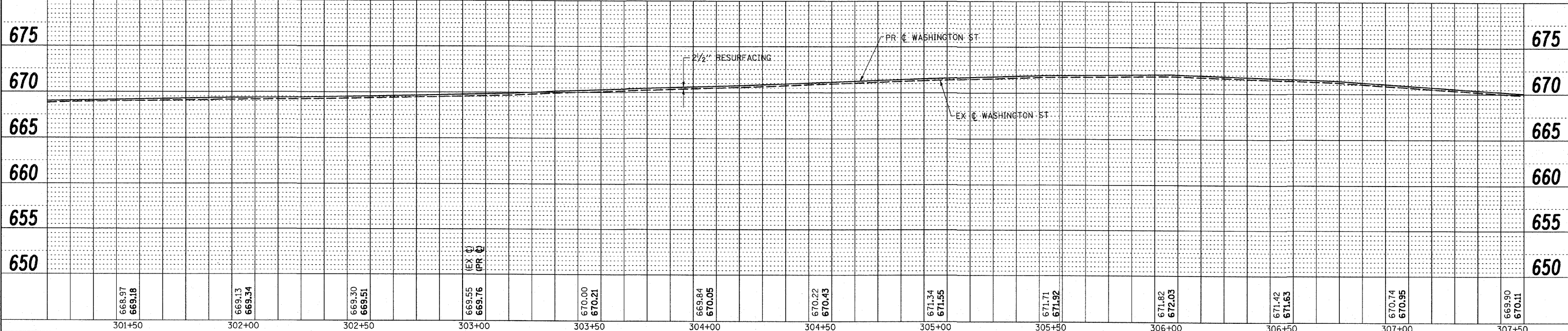






MATCH LINE STA. 301+15, SEE DWG. NO. 16

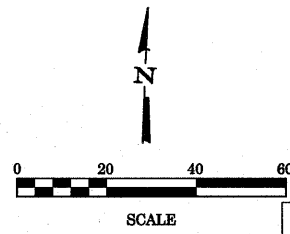
MATCH LINE STA. 307+55, SEE DWG. NO. 19



301+50	668.97 669.18	302+00	669.13 669.34	302+50	669.30 669.51	303+00	669.65 669.76	303+50	670.00 670.21	304+00	669.84 670.05	304+50	670.22 670.43	305+00	671.34 671.55	305+50	671.71 671.92	306+00	671.82 672.03	306+50	671.42 671.63	307+00	670.74 670.95	307+50	669.90 670.11
DESIGNED BY: ELH 01/11		SCALE: 1"=20'		NO. DATE		REVISION		APVD		MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT										WASHINGTON STREET		DRAWING NUMBER			
DRAWN BY: HAS 01/11		DATE: MAR. 25, 2011								CITY OF MONTICELLO										PLAN & PROFILE		18			
CHECKED BY: ELH 03/11		JOB NO. 445.02																				6 OF 11			
APPROVED BY: RDP 03/11																									

USER: HAS 02/11  
 TIME: 7:58:41 AM  
 FILE: 44502\_S\_Plan.dwg  
 SCALE: 1"=20' / IN

**ESCA**  
CONSULTANTS, INC.

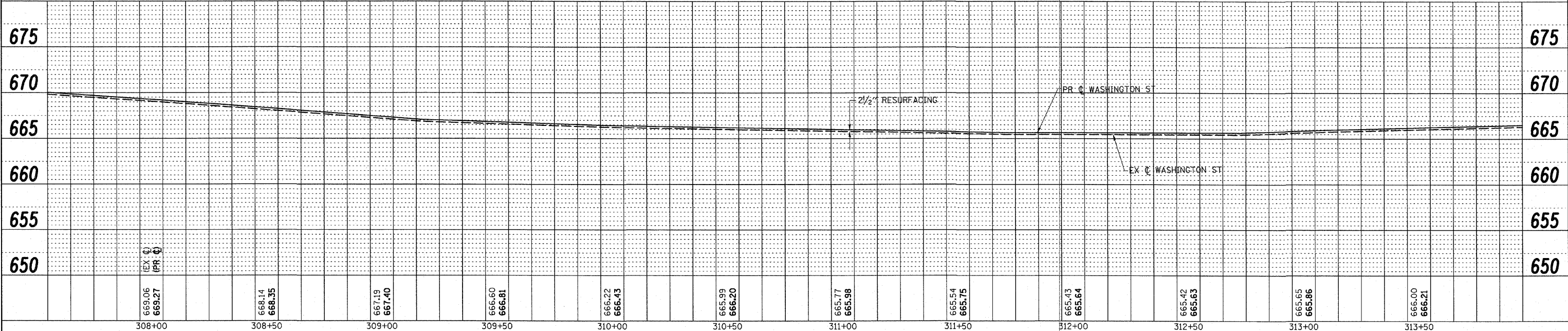
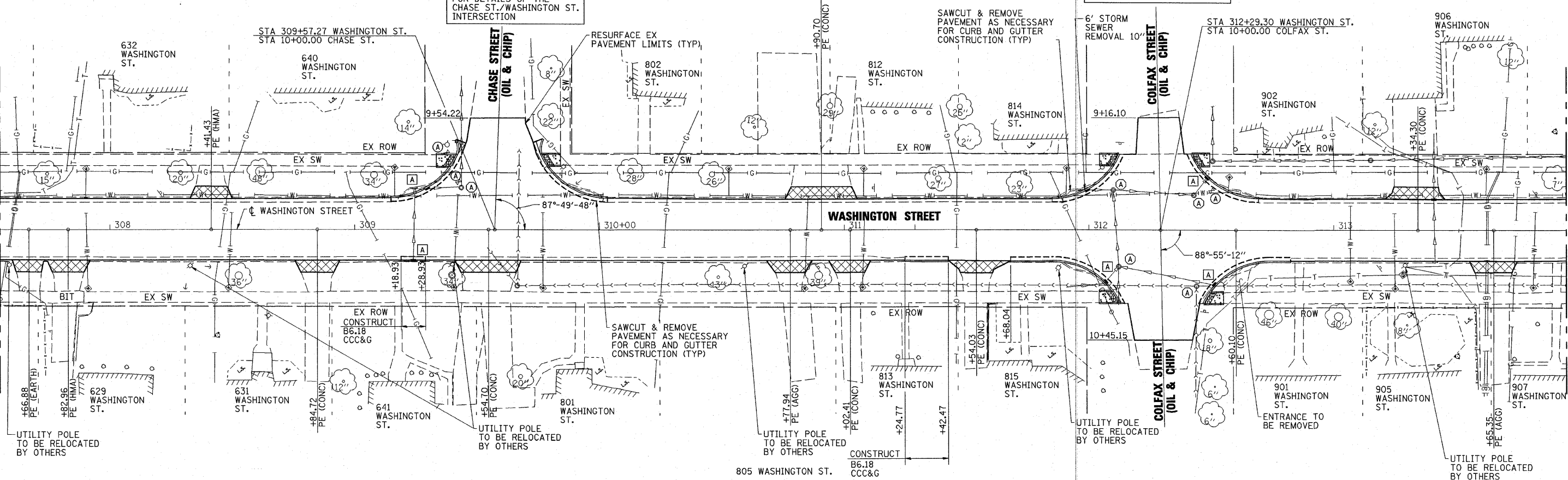


SEE DWG. 29 FOR DETAILS OF THE CHASE ST./WASHINGTON ST. INTERSECTION

SEE DWG. 29 FOR DETAILS OF THE COLFAX ST./WASHINGTON ST. INTERSECTION

MATCH LINE STA. 307 +55, SEE DWG. NO. 18

MATCH LINE STA. 313 +95, SEE DWG. NO. 20



USER: HAS  
DATE: 03/11  
SCALE: 1/4"=1'-0"

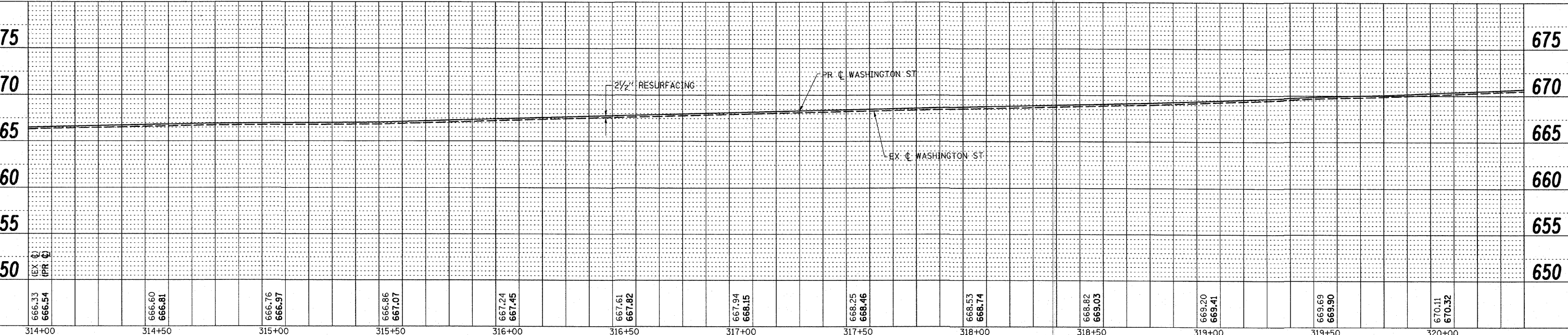
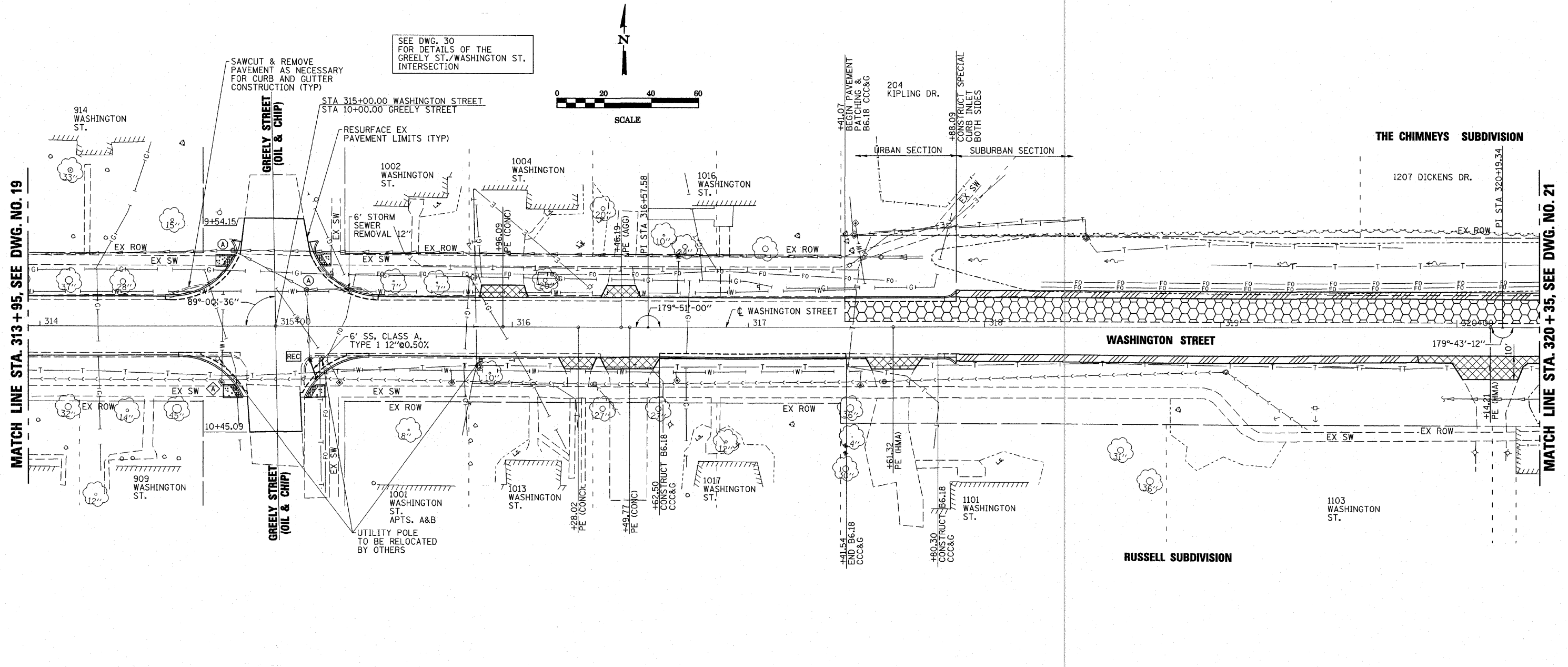
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY: ELH	01/11	SCALE: 1"=20'	NO.	DATE
DRAWN BY: HAS	01/11	DATE: MAR. 3, 2011		
CHECKED BY: ELH	03/11	JOB NO. 445.02		
APPROVED BY: RDP	03/11			

APVD  
**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
CITY OF MONTICELLO

**WASHINGTON STREET**  
PLAN & PROFILE

DRAWING NUMBER  
**19**  
7 OF 11



USER = HAS  
 DATE = 3/25/11 AM  
 FILE = 445.02\_S-FIN.DWG  
 SCALE = 20/1" = 1' / IN

**ESCA**  
 CONSULTANTS, INC.

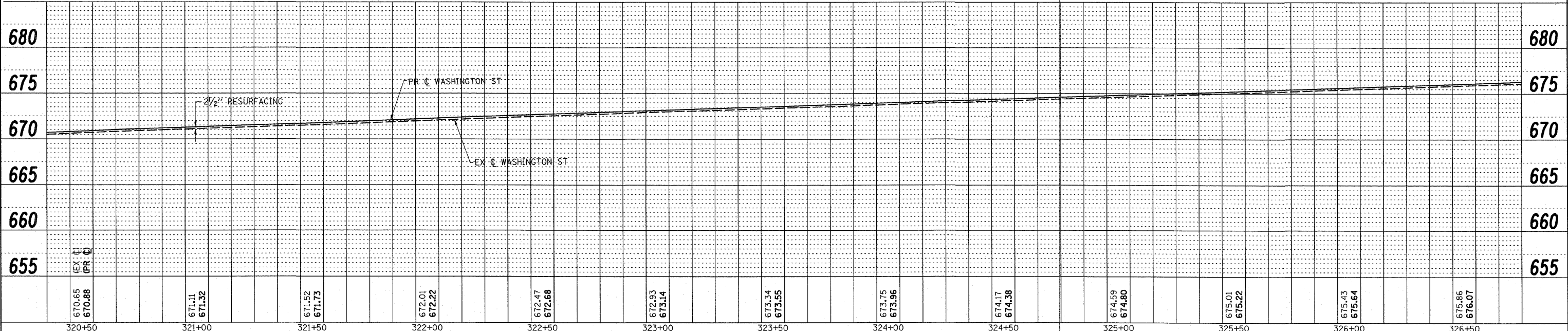
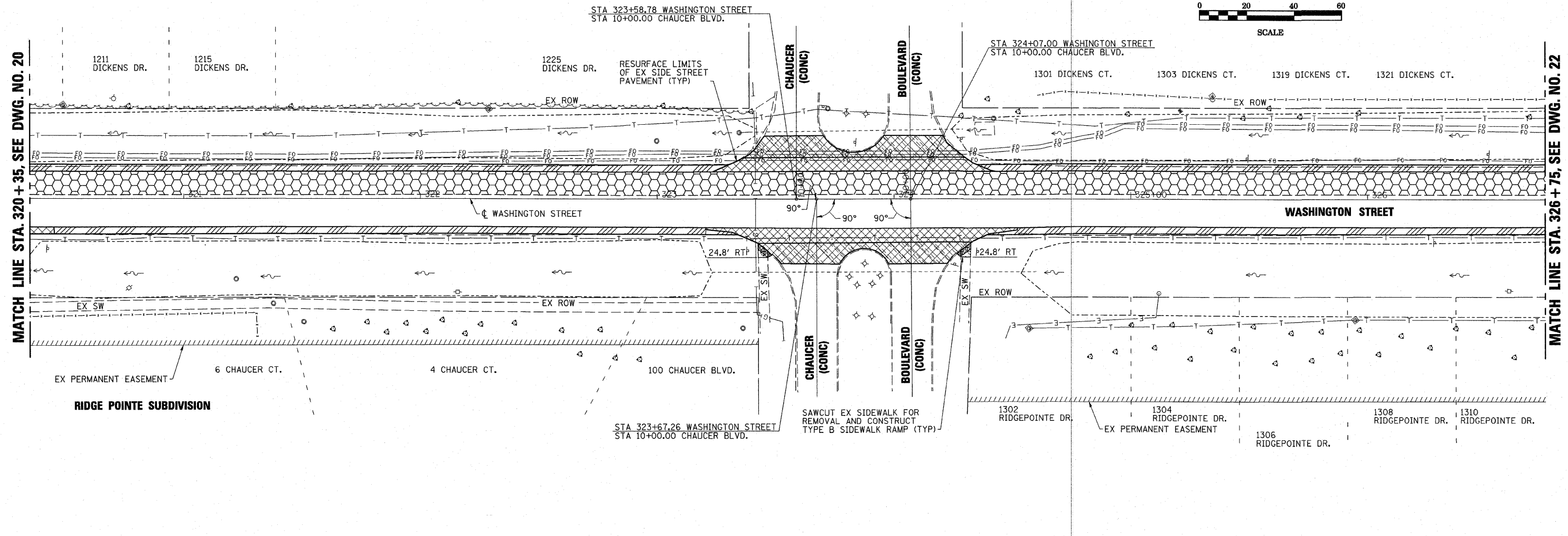
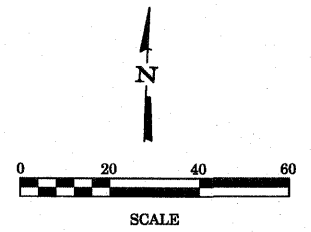
DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
 CITY OF MONTICELLO

WASHINGTON STREET  
 PLAN & PROFILE

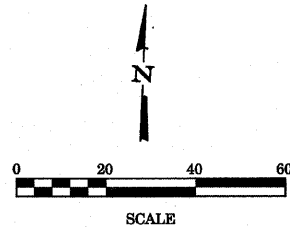
DRAWING NUMBER  
 20  
 8 OF 11





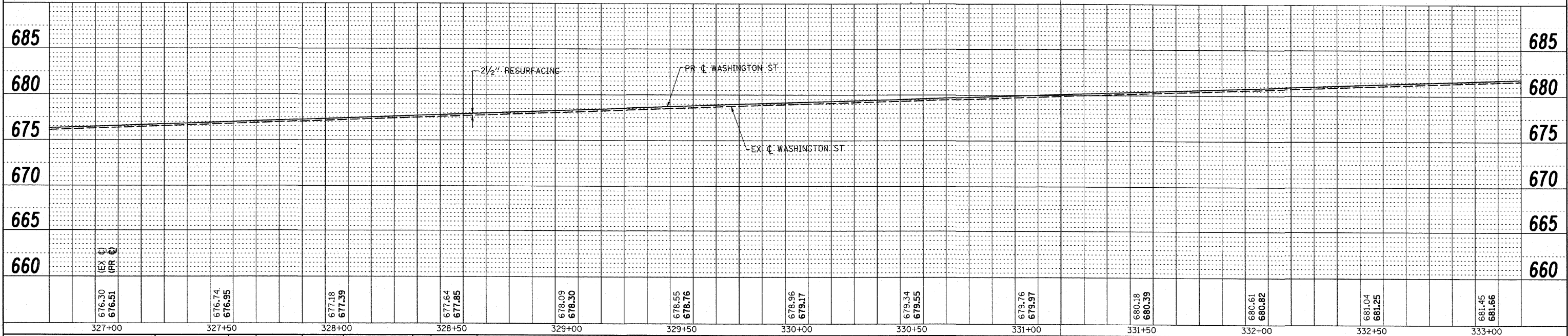
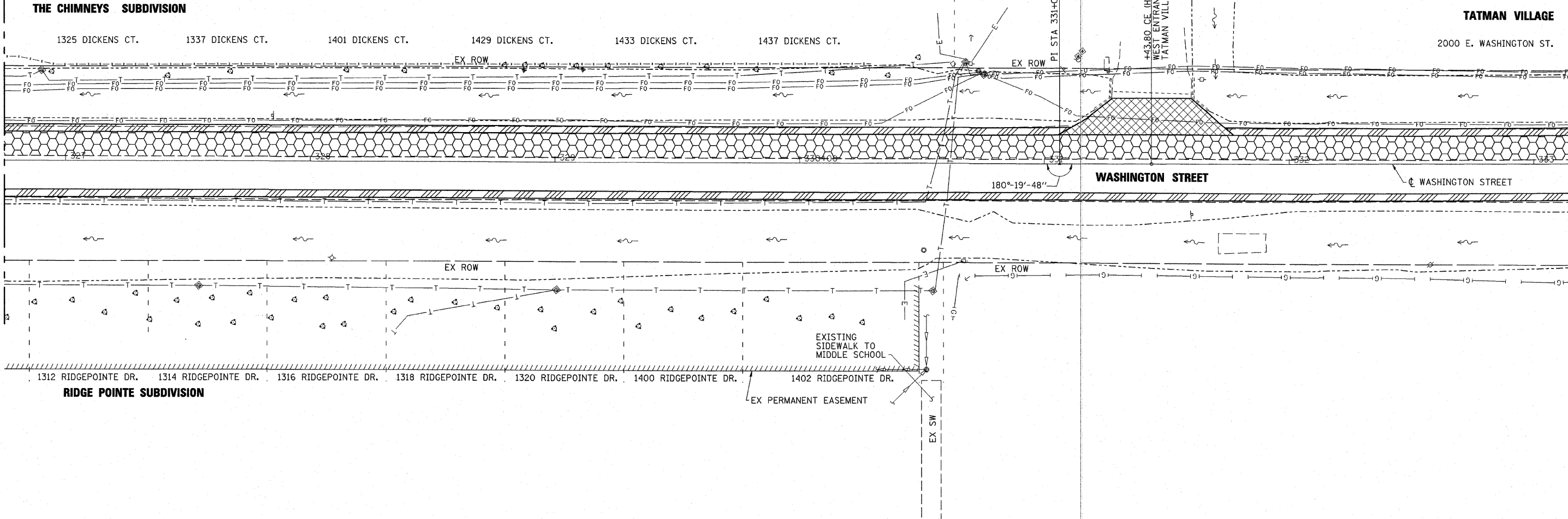
USER: M45 / 01/11  
 TIME: 3:22:32 PM  
 FILE: 45902.S\F9\CLVD.dgn  
 SCALE: 1/8"=1'-0"

<b>ESCA</b> CONSULTANTS, INC.	DESIGNED BY: ELH 01/11	SCALE: 1"=20'	NO. DATE	REVISION	APVD	MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT CITY OF MONTICELLO	WASHINGTON STREET PLAN & PROFILE	DRAWING NUMBER <b>21</b> 9 OF 11
	DRAWN BY: HAS 01/11	DATE: JAN. 28, 2011						
	CHECKED BY: ELH 01/11	JOB NO. 445.02						
	APPROVED BY: RDP 01/11							



MATCH LINE STA. 326 + 75, SEE DWG. NO. 21

MATCH LINE STA. 333 + 15, SEE DWG. NO. 23



**ESCA**  
CONSULTANTS, INC.

DESIGNED BY: ELH 01/11  
DRAWN BY: HAS 01/11  
CHECKED BY: ELH 01/11  
APPROVED BY: RDP 01/11

SCALE: 1"=20'  
DATE: 05/19/10  
JOB NO. JAN. 28, 2011

NO.	DATE	REVISION	APVD

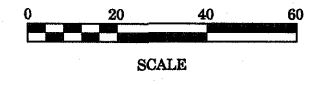
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

WASHINGTON STREET  
PLAN & PROFILE

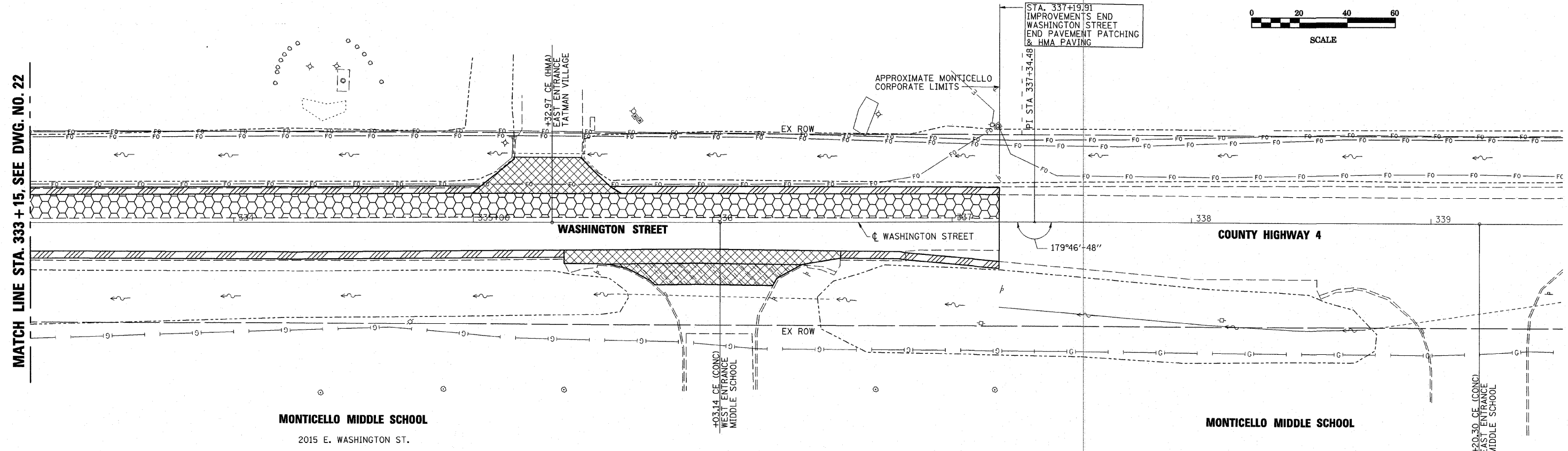
DRAWING NUMBER  
**22**  
10 OF 11

USER: hms 2/21/11 10:46 AM  
 TIME: 10:46 AM  
 SCALE: 1"=20'  
 PLOT: 2/21/11 10:46 AM



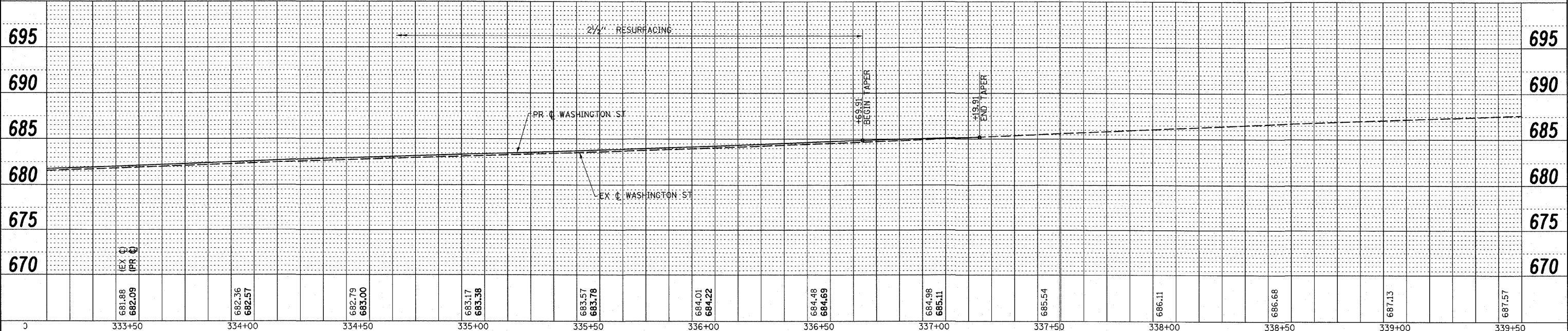


MATCH LINE STA. 333 + 15, SEE DWG. NO. 22



MONTICELLO MIDDLE SCHOOL  
2015 E. WASHINGTON ST.

MONTICELLO MIDDLE SCHOOL



681.98 682.09	682.36 682.57	682.79 683.00	683.17 683.38	683.57 683.78	684.01 684.22	684.48 684.69	684.98 685.11	685.54	686.11	686.68	687.13	687.57
333+50	334+00	334+50	335+00	335+50	336+00	336+50	337+00	337+50	338+00	338+50	339+00	339+50

USER: HAS 3/21/11  
 TIME: 3:22:02 PM  
 FILE: 44502.S\_Plan.dgn  
 SCALE: 1"=20' / 1"=40'

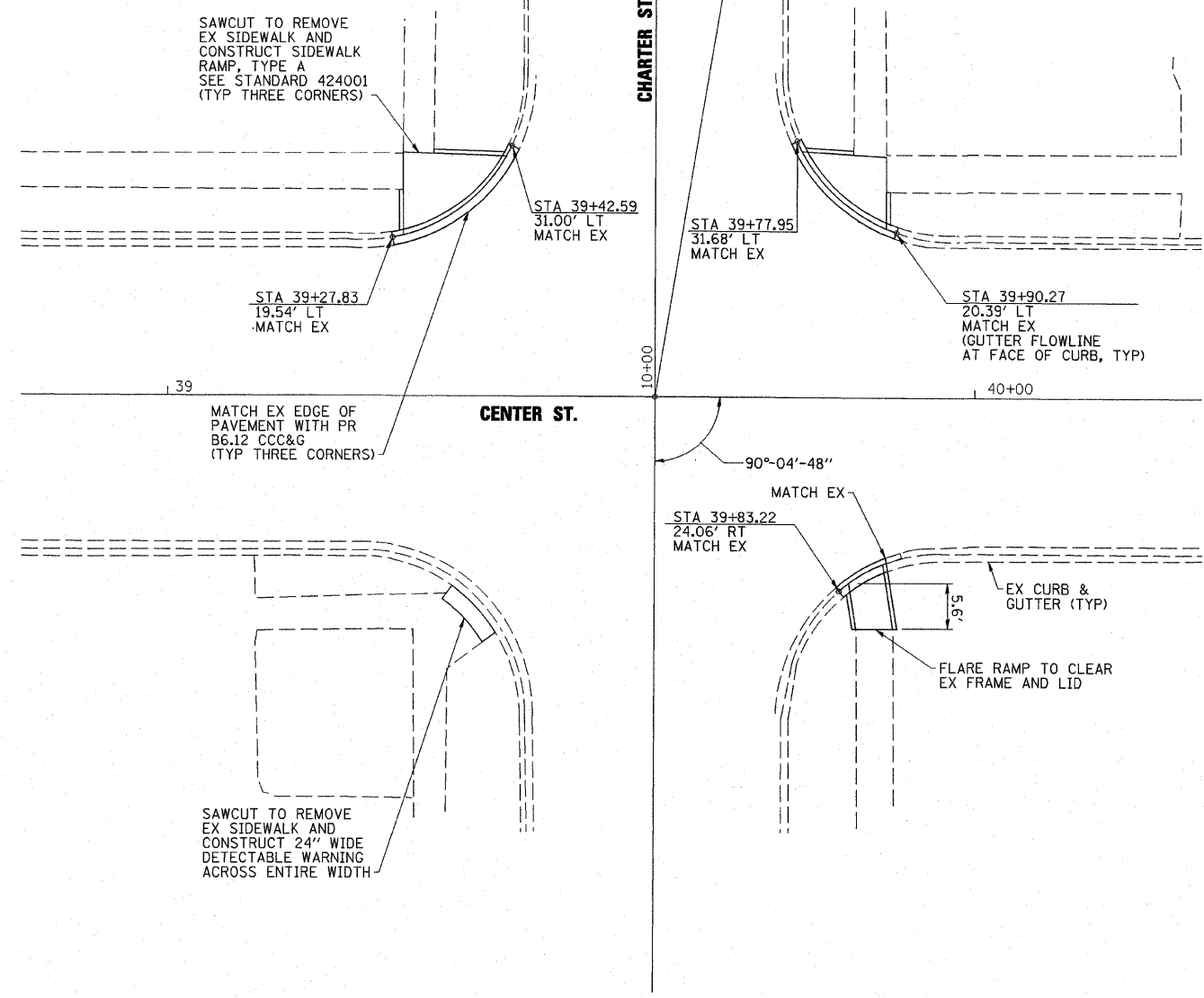
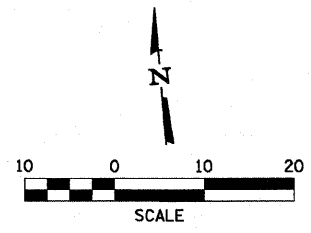
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

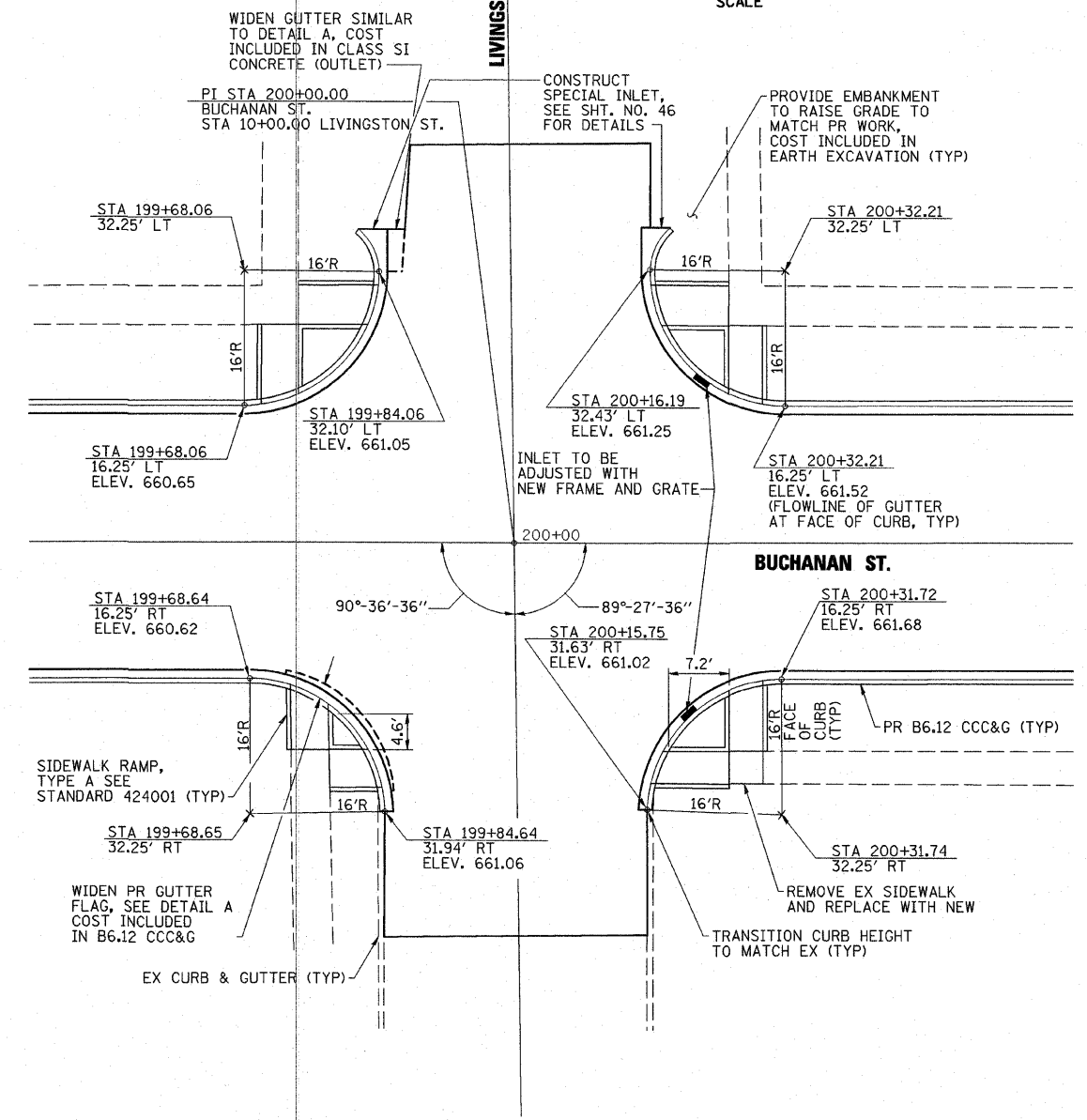
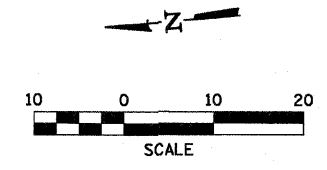
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

WASHINGTON STREET  
PLAN & PROFILE

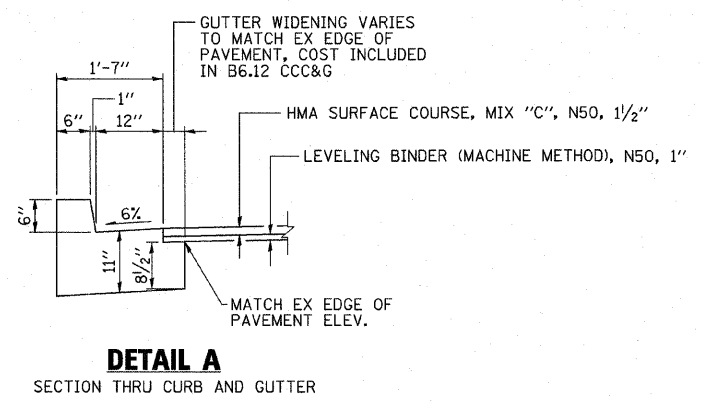
DRAWING NUMBER  
**23**  
11 OF 11



**CENTER / CHARTER INTERSECTION PLAN**



**BUCHANAN / LIVINGSTON INTERSECTION PLAN**



**DETAIL A**

SECTION THRU CURB AND GUTTER

USER: HAS  
DATE: 3/25/2011  
FILE: 44502\_S124\_CVL.dgn  
SCALE: 0.384" = 1' IN.

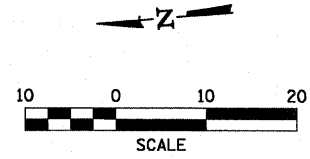
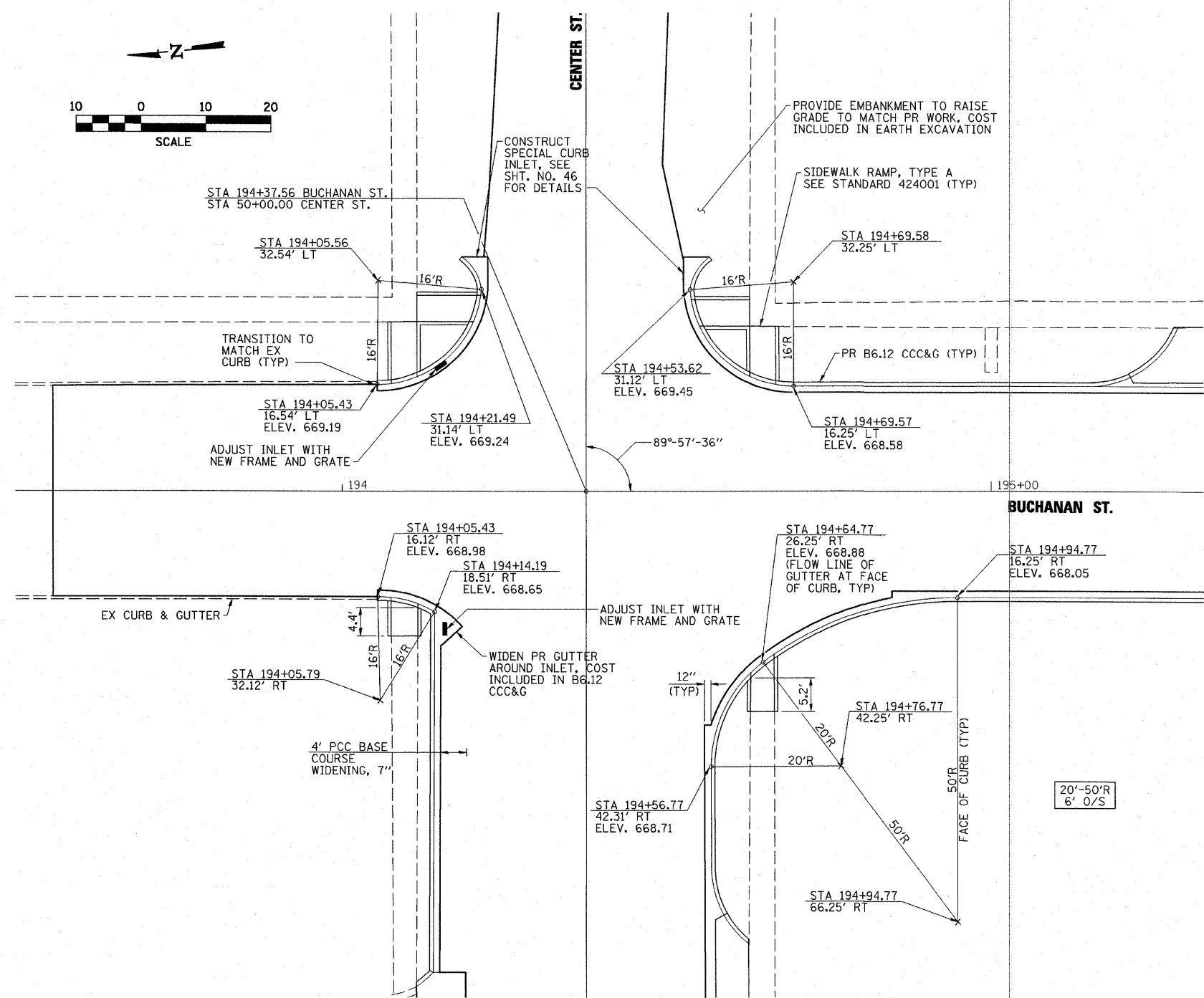
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

INTERSECTION DETAILS

DRAWING NUMBER  
**24**  
1 OF 7



**CENTER / BUCHANAN INTERSECTION PLAN**

USER: HAS  
 DATE: 3/2/11  
 TIME: 2:41:52 PM  
 FILE: 44502-5\_125\_CVL.dgn  
 SCALE: 0.003 / 1"=10'



DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
**CITY OF MONTICELLO**

**INTERSECTION DETAILS**

**DRAWING NUMBER**  
**25**  
 2 OF 7

INTENTIONALLY LEFT BLANK

USER = HAS  
 DATE = 3/24/2011  
 FILE = 145025\_126.CVL.dgn  
 SCALE = 0.0004 / 1 IN.

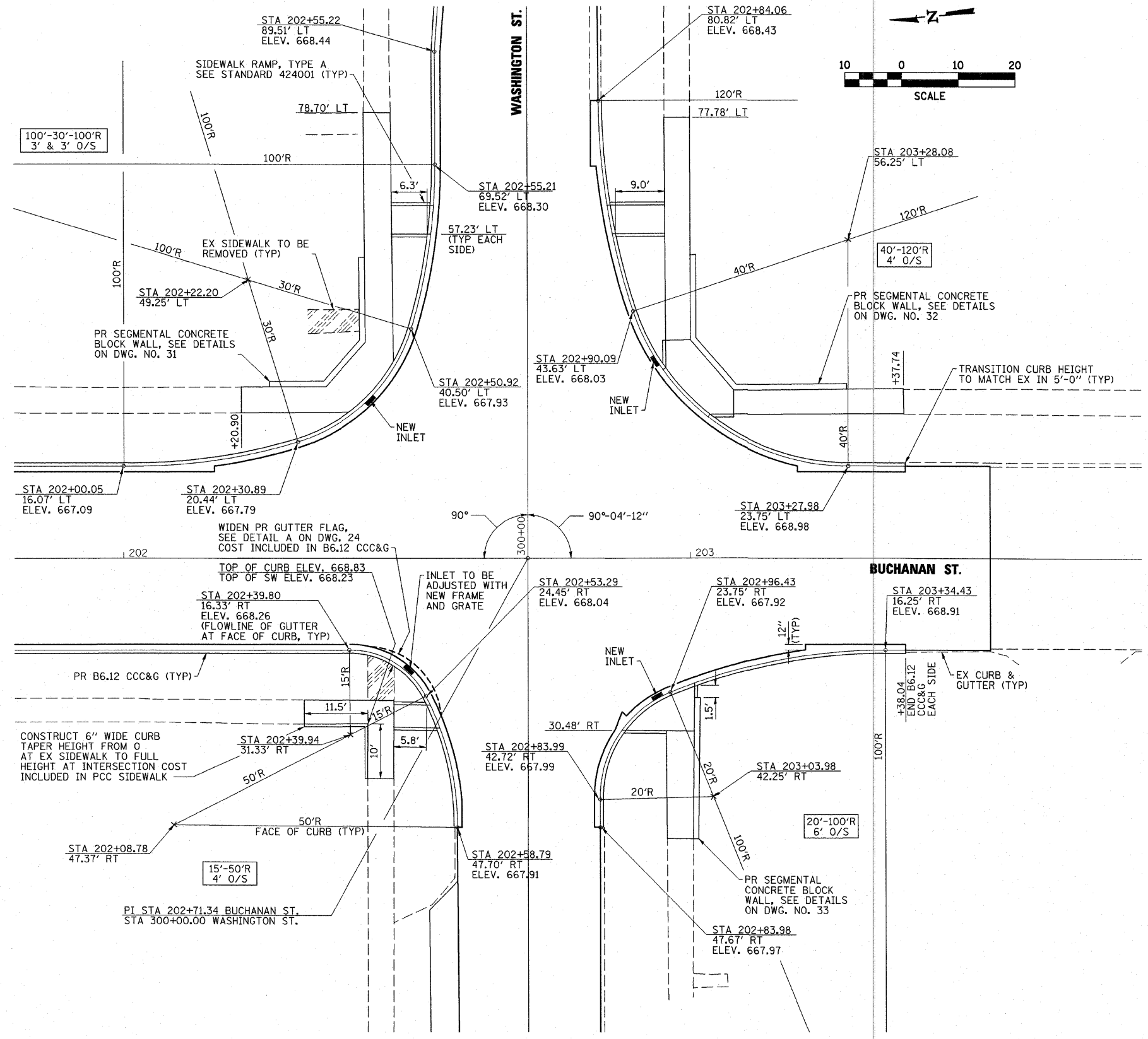


DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
 CITY OF MONTICELLO

INTERSECTION DETAILS

DRAWING NUMBER  
 26  
 3 OF 7



**BUCHANAN / WASHINGTON INTERSECTION PLAN**

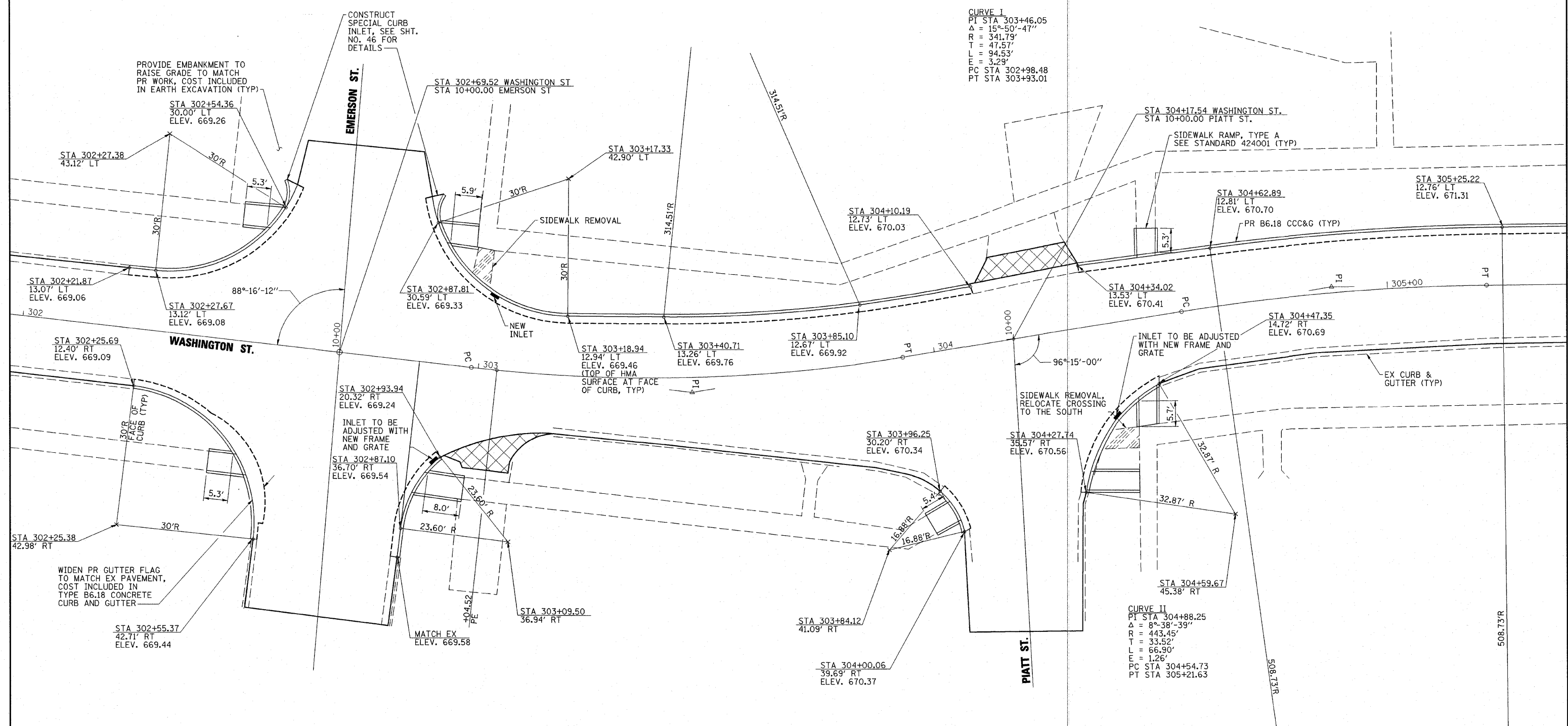
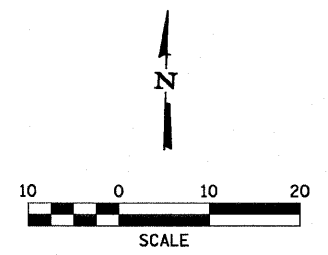
USER: HAS  
 DATE: 3/25/2011  
 FILE: 44502\_27.dwg  
 SCALE: 0.8000 7' IN.



DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
**CITY OF MONTICELLO**

<b>INTERSECTION PLANS</b>	<b>DRAWING NUMBER</b>
	<b>27</b>
	4 OF 7



NOTES  
1. SEE DETAIL B DWG. NO. 30 FOR SECTION THRU SIDEWALK RAMP.

**WASHINGTON / EMERSON INTERSECTION PLAN**

**WASHINGTON / PIATT INTERSECTION PLAN**

USER: HAS  
DATE: 3/2/2011  
TIME: 4:49:52 PM  
FILE: 44502\_S128\_CVL.dgn  
SCALE: 6000 = 1\"/>

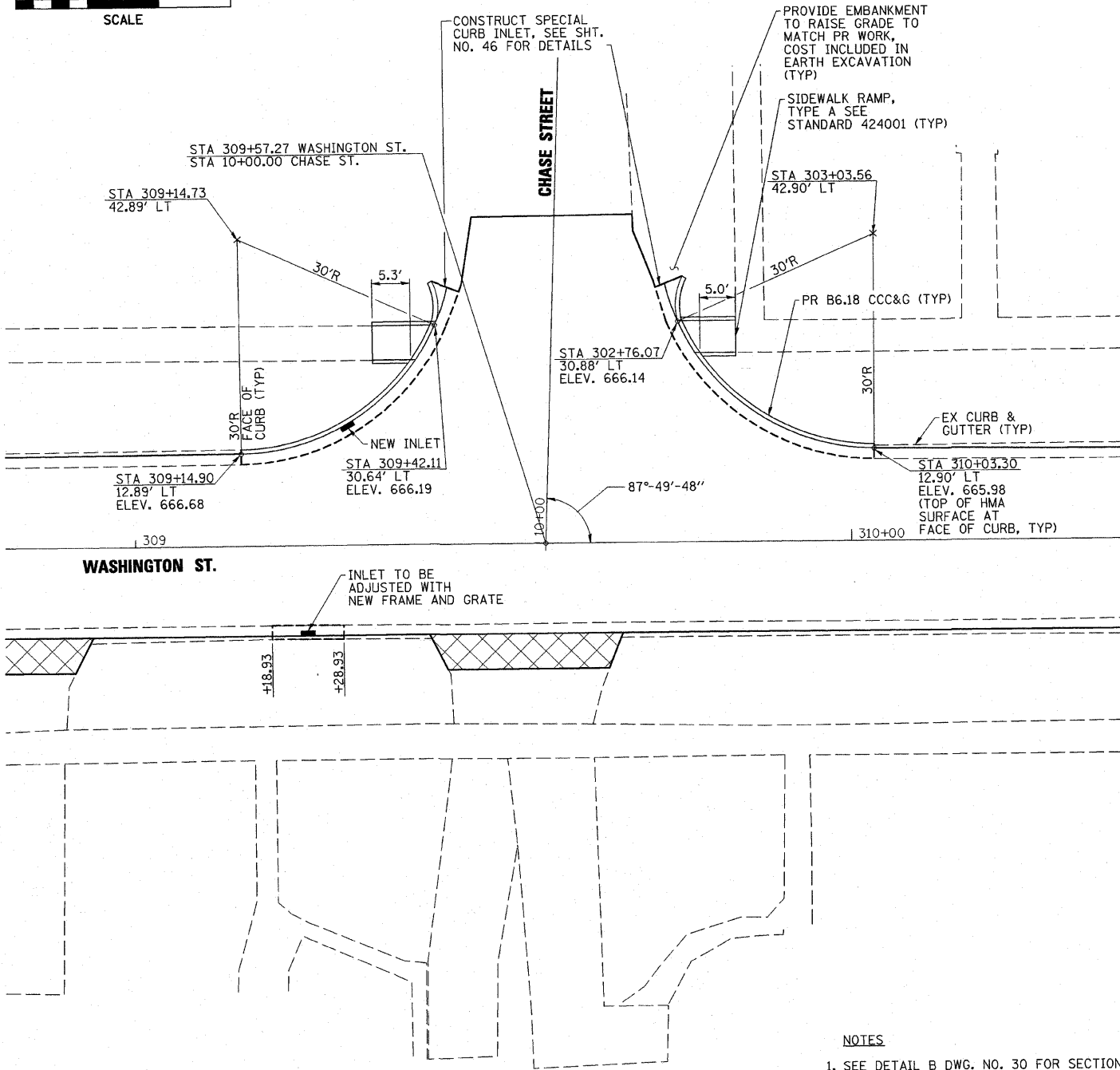
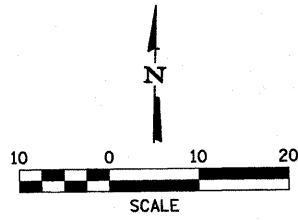
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

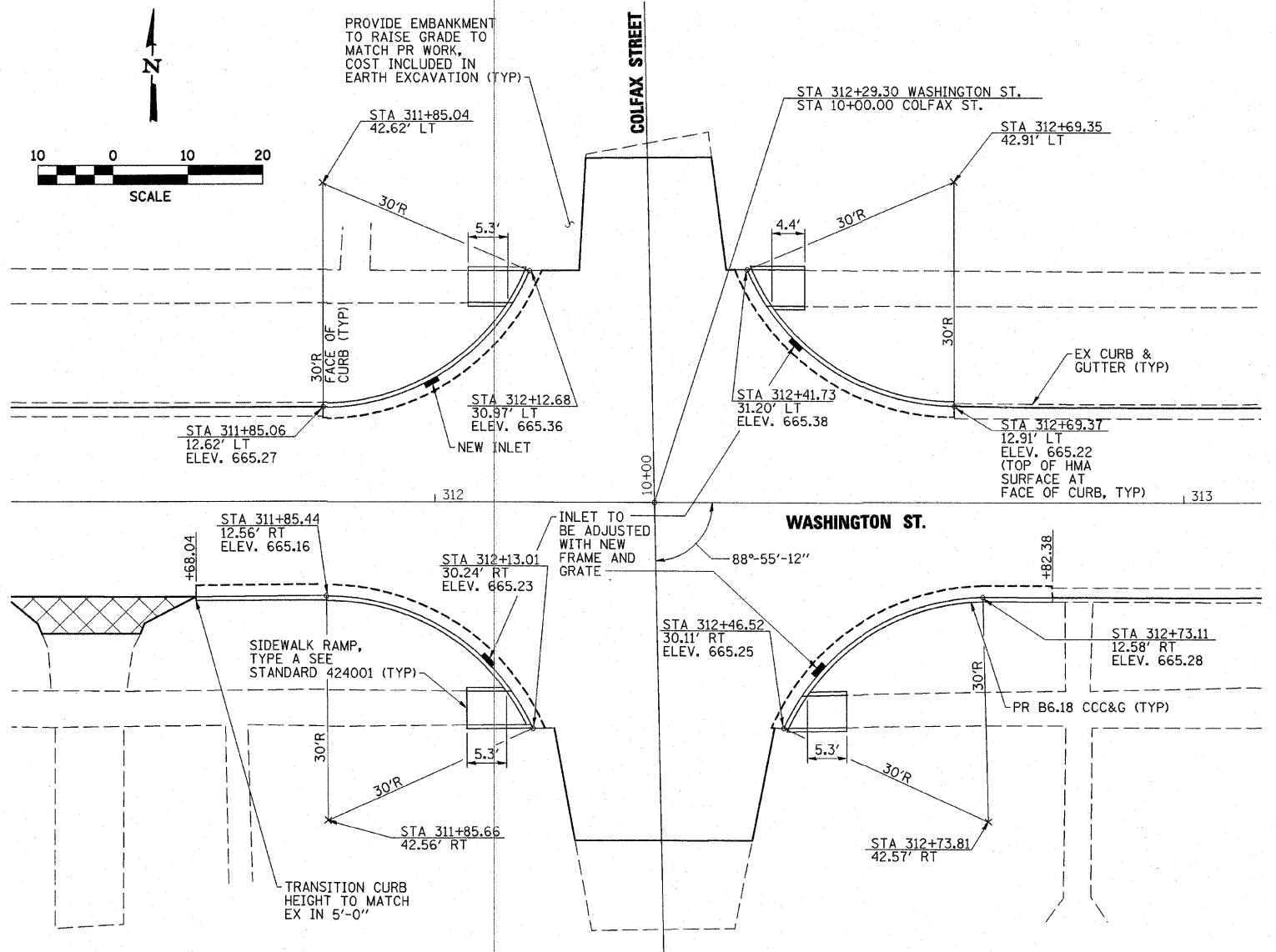
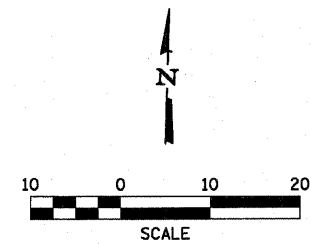
**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
CITY OF MONTICELLO

**INTERSECTION DETAILS**  
DRAWING NUMBER  
**28**  
5 OF 7





**WASHINGTON / CHASE INTERSECTION PLAN**



**WASHINGTON / COLFAX INTERSECTION PLAN**

**NOTES**  
 1. SEE DETAIL B DWG. NO. 30 FOR SECTION SIDEWALK RAMP.

USER = HAS  
 DATE = 01/11  
 TIME = 2:02:00 AM  
 FILE = 44502\_5\_129\_CVL.dgn  
 SCALE = 0.884 : 1 IN.

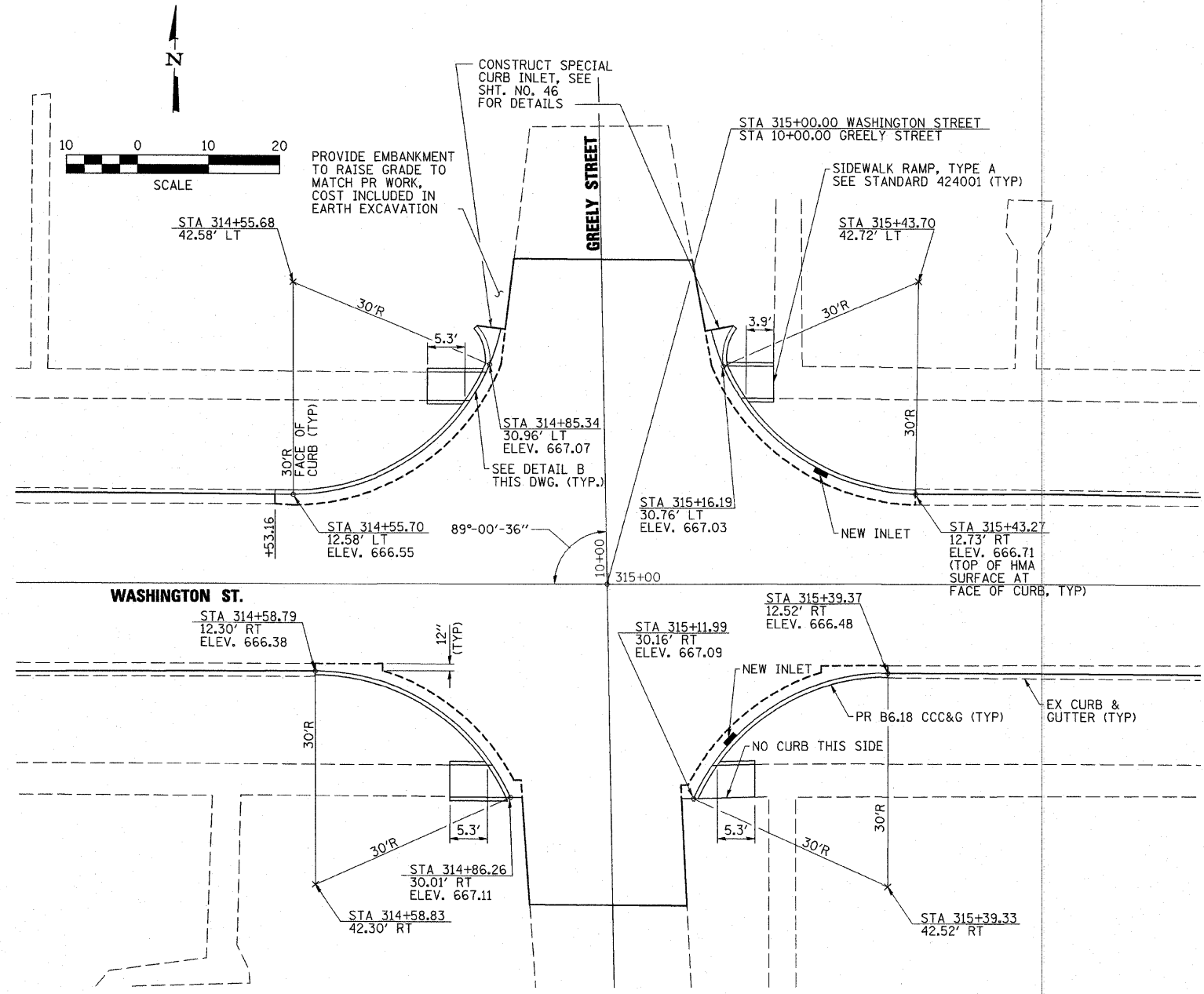
**ESCA**  
 CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

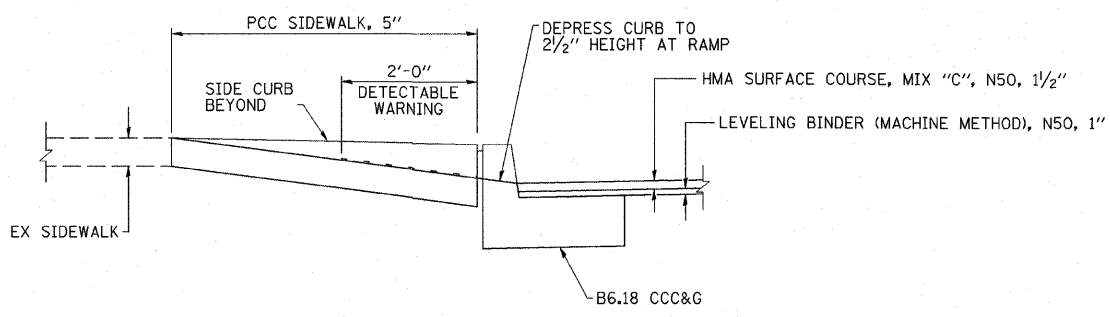
**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
**CITY OF MONTICELLO**

**INTERSECTION DETAILS**

**DRAWING NUMBER**  
 29  
 6 OF 7



**WASHINGTON / GREELY INTERSECTION PLAN**



**DETAIL B  
TYPICAL SECTION THRU  
SIDEWALK RAMP**

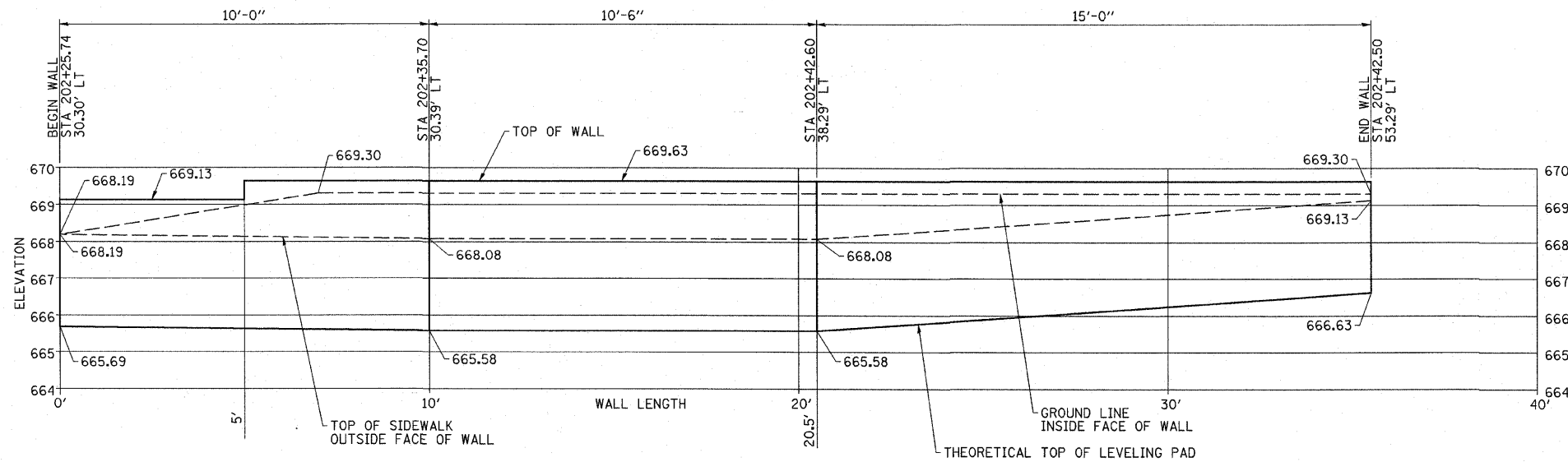
USER: HAS-03/11  
 TIME: 3:24:33 PM  
 FILE: 44502-5.130-CVL.dgn  
 SCALE: 0.003 / IN.

**ESCA**  
 CONSULTANTS, INC.

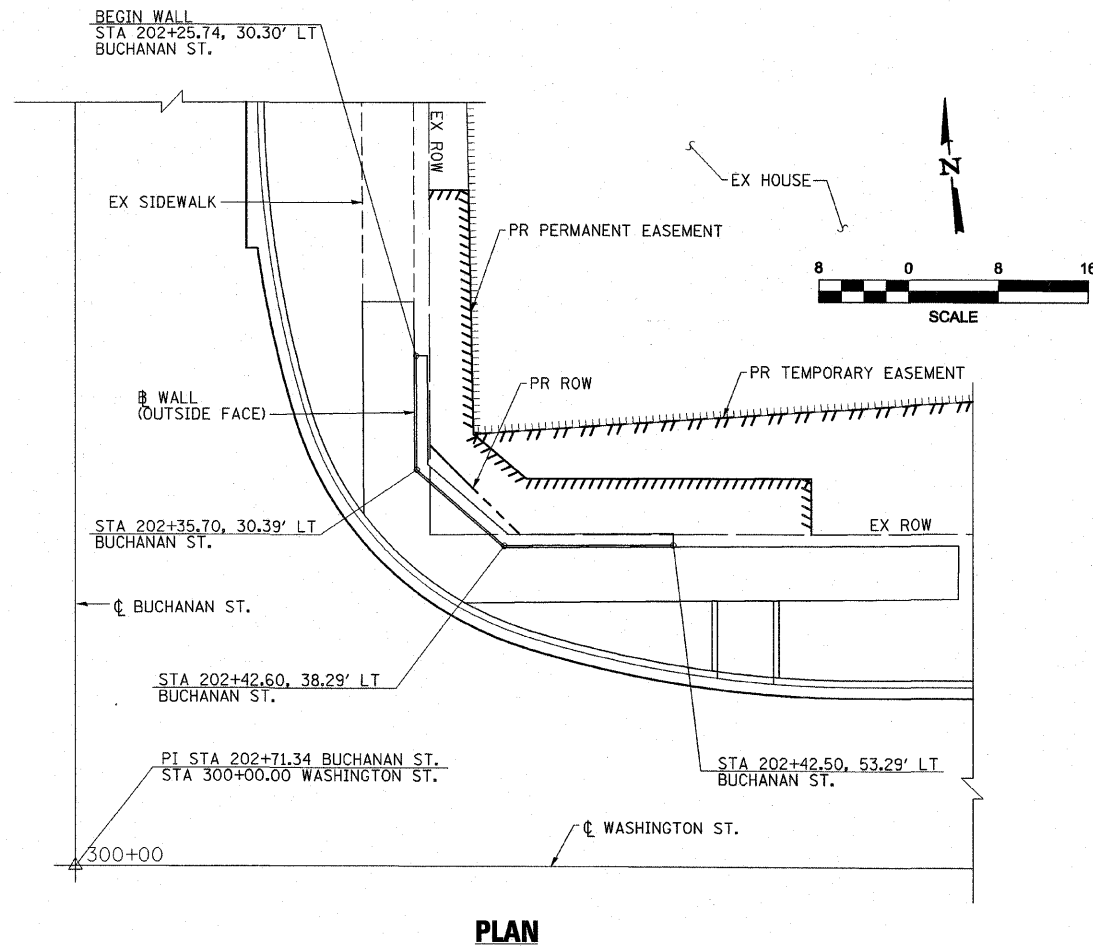
DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
 CITY OF MONTICELLO

<b>INTERSECTION DETAILS</b>	<b>DRAWING NUMBER</b>
	<b>30</b>
	7 OF 7



**SEGMENTAL CONCRETE BLOCK WALL – ELEVATION  
LOOKING AT OUTSIDE FACE OF WALL**



**PLAN**

**BILL OF MATERIALS**

ITEM	UNIT	SHEET QUANTITY
SEGMENTAL CONCRETE BLOCK WALL	SQ FT	133

USER: HAS  
DATE: 3/7/11  
FILE: 44502\_5\_031.CVL.dgn  
SCALE: 0.8847, 7 IN.

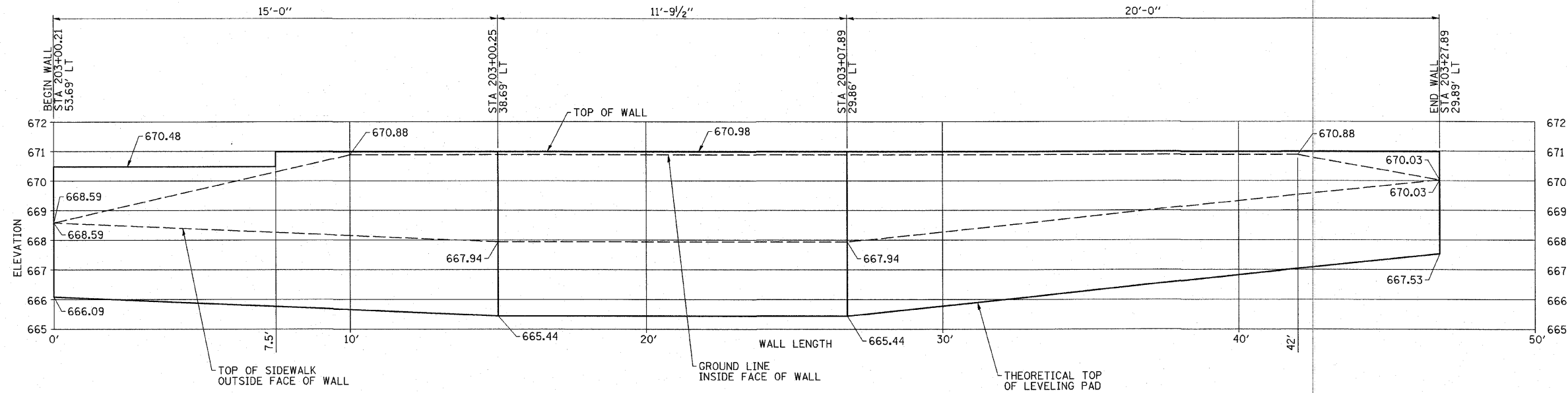
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	AS NOTED	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.:	445.02				
APPROVED BY:	RDP	03/11						

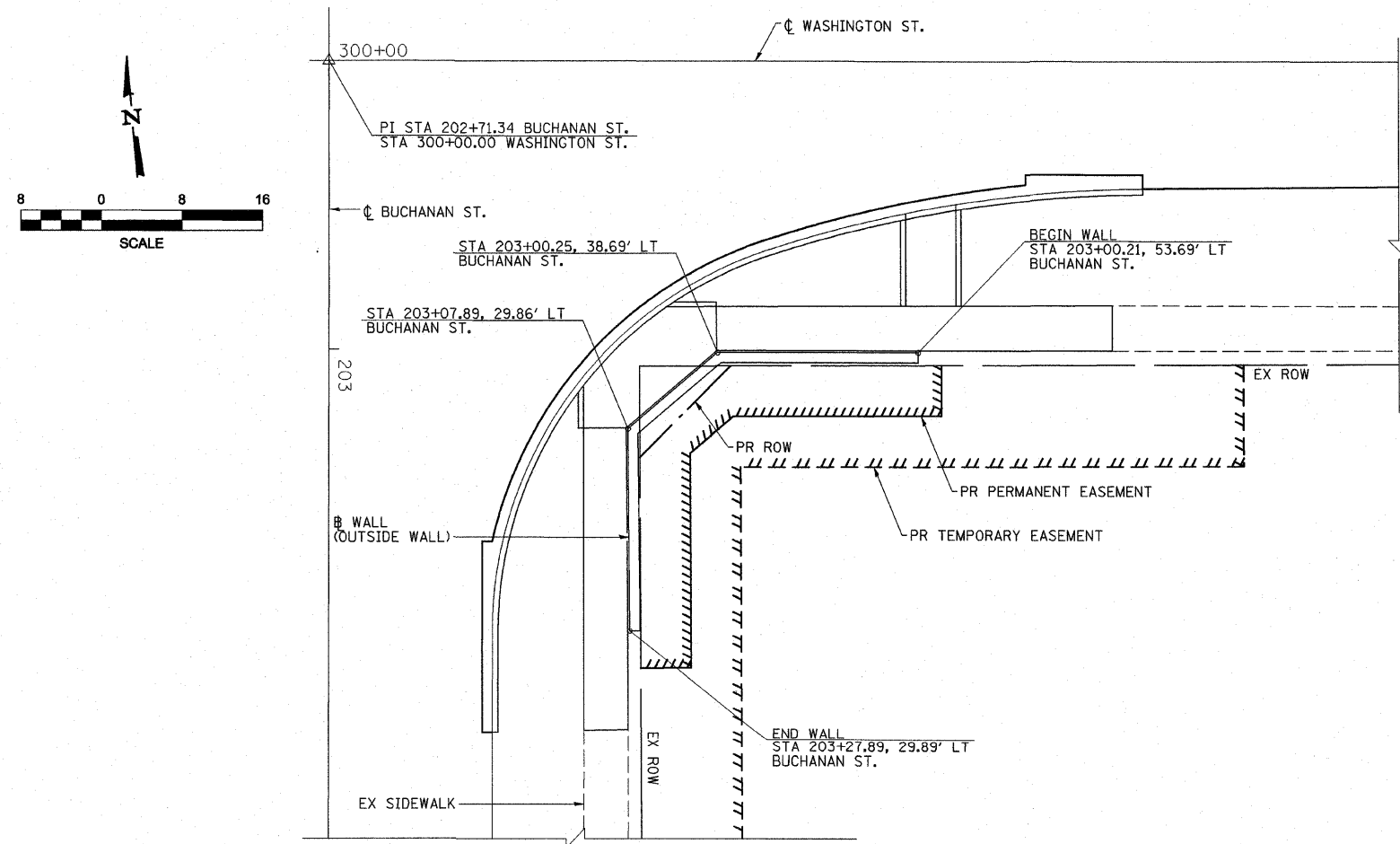
**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO**

**RETAINING WALL DETAILS  
NE CORNER OF WASHINGTON/BUCHANAN**

DRAWING NUMBER  
**31**  
1 OF 4



**SEGMENTAL CONCRETE BLOCK WALL – ELEVATION  
LOOKING AT OUTSIDE FACE OF WALL**



**PLAN**

**BILL OF MATERIALS**

ITEM	UNIT	SHEET QUANTITY
SEGMENTAL CONCRETE BLOCK WALL	SQ FT	230

USER: HAS  
DATE: 3/25/2011  
FILE: 44502\_6\_032\_CVL.dgn  
SCALE: 0.884 = 1/4" = 1'

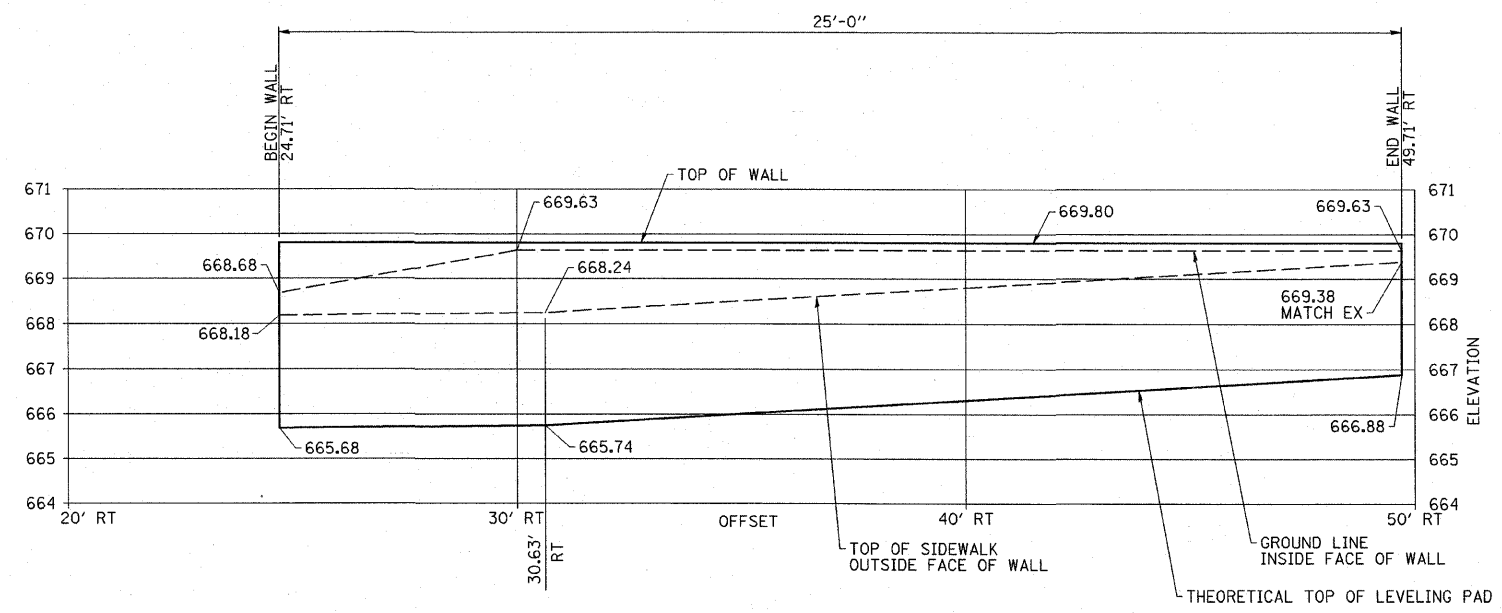


DESIGNED BY: ELH	01/11	SCALE: AS NOTED	NO.	DATE	REVISION	APVD
DRAWN BY: HAS	01/11	DATE: MAR. 25, 2011				
CHECKED BY: ELH	03/11	JOB NO. 445.02				
APPROVED BY: RDP	03/11					

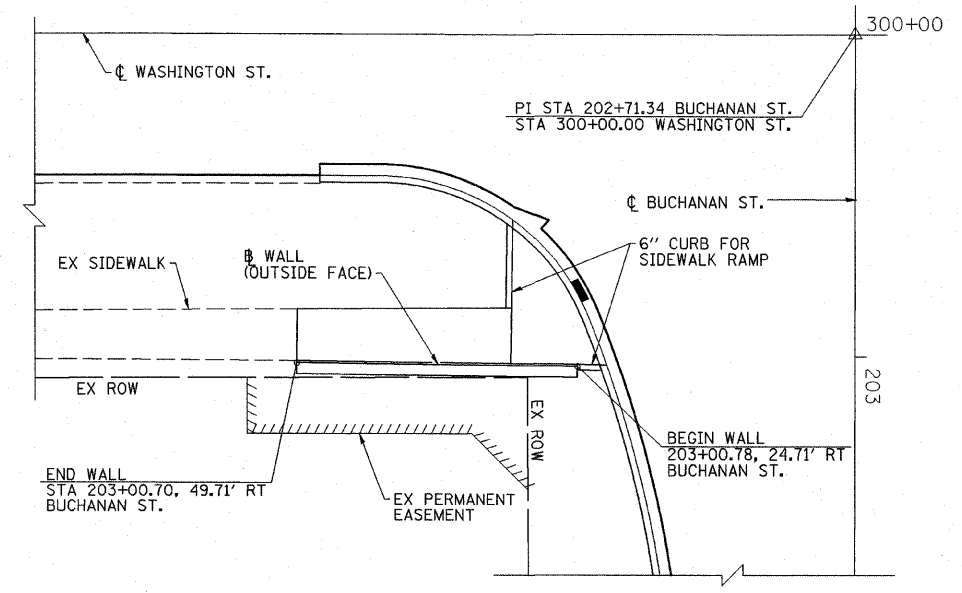
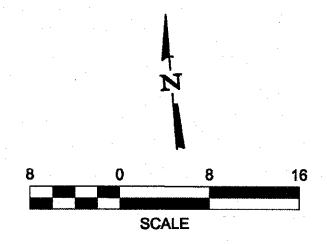
**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO**

**RETAINING WALL DETAILS  
SE CORNER OF WASHINGTON/BUCHANAN**

**DRAWING NUMBER  
32  
2 OF 4**



**SEGMENTAL CONCRETE BLOCK WALL – ELEVATION  
LOOKING AT OUTSIDE FACE OF WALL**



**PLAN**

**BILL OF MATERIALS**

ITEM	UNIT	SHEET QUANTITY
SEGMENTAL CONCRETE BLOCK WALL	50 FT	91

USER: HAS  
DATE: 3/25/11  
FILE: 44502-5-033.dwg  
SCALE: 0.25" = 1'-0"

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY: ELH	01/11	SCALE: AS NOTED	NO.	DATE	REVISION	APVD
DRAWN BY: HAS	01/11	DATE: MAR. 25, 2011				
CHECKED BY: ELH	03/11	JOB NO. 445.02				
APPROVED BY: RDP	03/11					

**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO**

**RETAINING WALL DETAILS  
SW CORNER OF WASHINGTON/BUCHANAN**

**DRAWING NUMBER  
33  
3 OF 4**



INTENTIONALLY LEFT BLANK

USER = HAS\_02/11  
TIME = 2:50:04 PM  
FILE = 44502\_S\_034\_CIV.dgn  
SCALE = 60/64 / IN.



DESIGNED BY:	ELH	01/11	SCALE:	AS NOTED	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

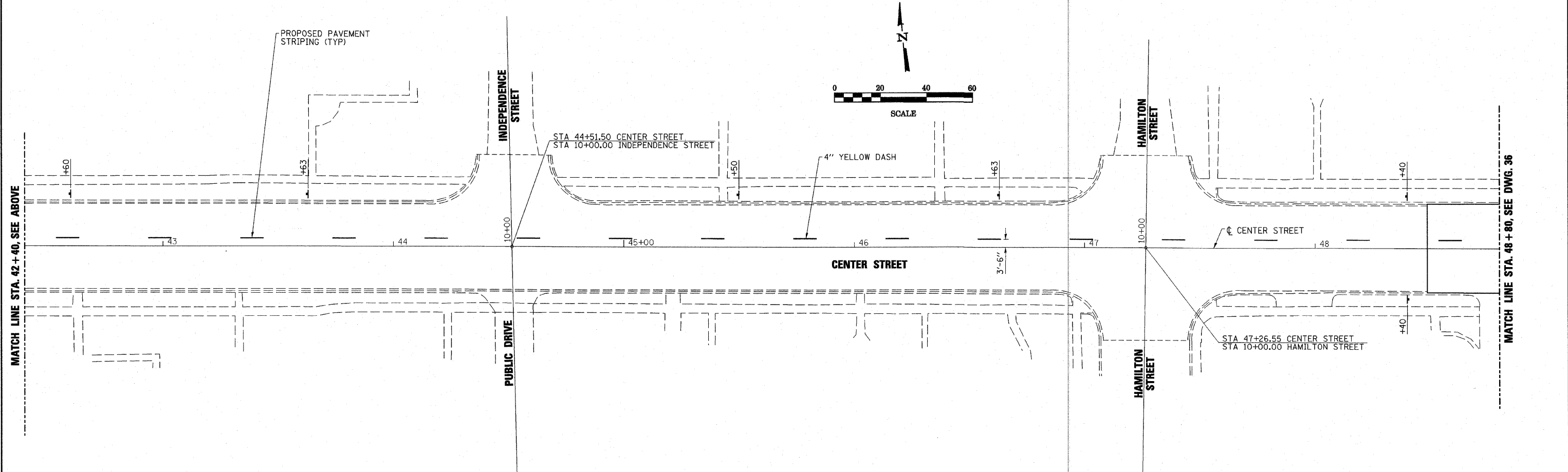
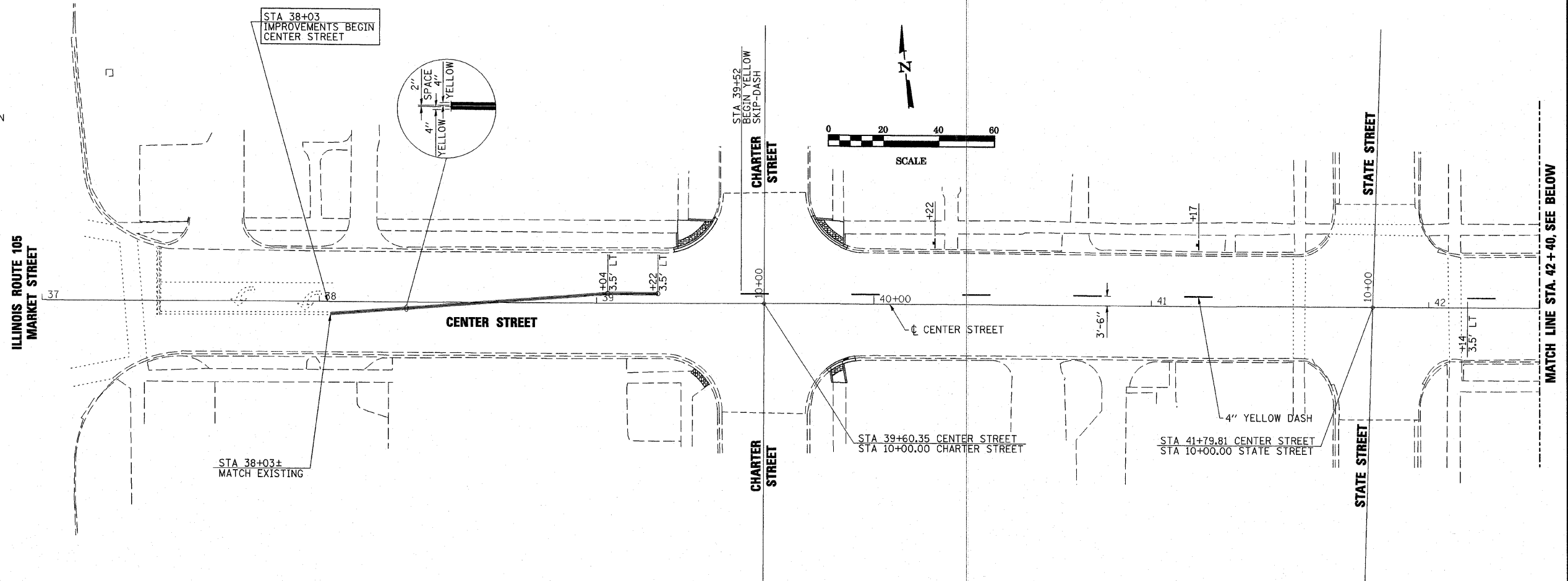
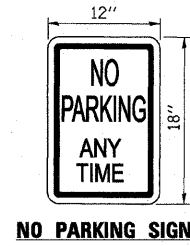
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

RETAINING WALL DETAILS

DRAWING NUMBER  
34  
4 OF 4

**LEGEND**

- PROPOSED MARKING STRIPE
- - - EXISTING MARKING STRIPE
- ⊥ FURNISH AND INSTALL PROPOSED NO PARKING SIGN UNLESS NOTED OTHERWISE



USER = HAS  
DATE = 03/11  
TIME = 2:52:08 PM  
FILE = 44502\_S\_K05.CVL.dgn  
SCALE = 0.8004 / IN.

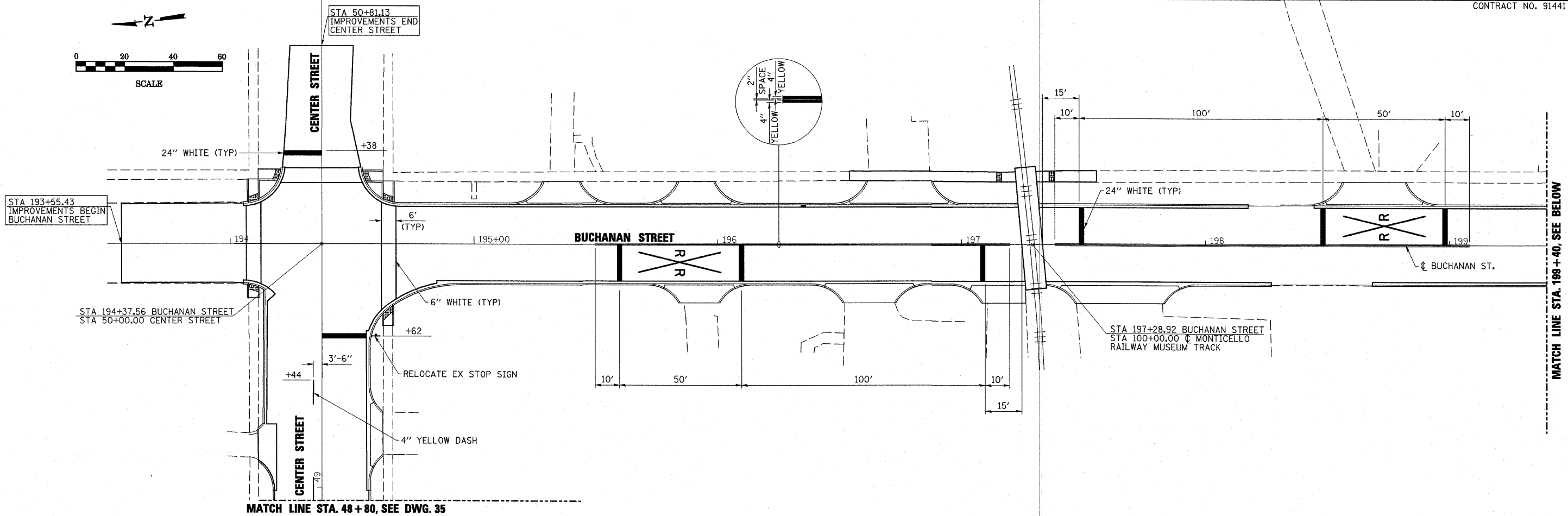
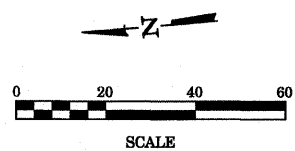
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

CENTER STREET  
PAVEMENT MARKING/SIGNING PLANS

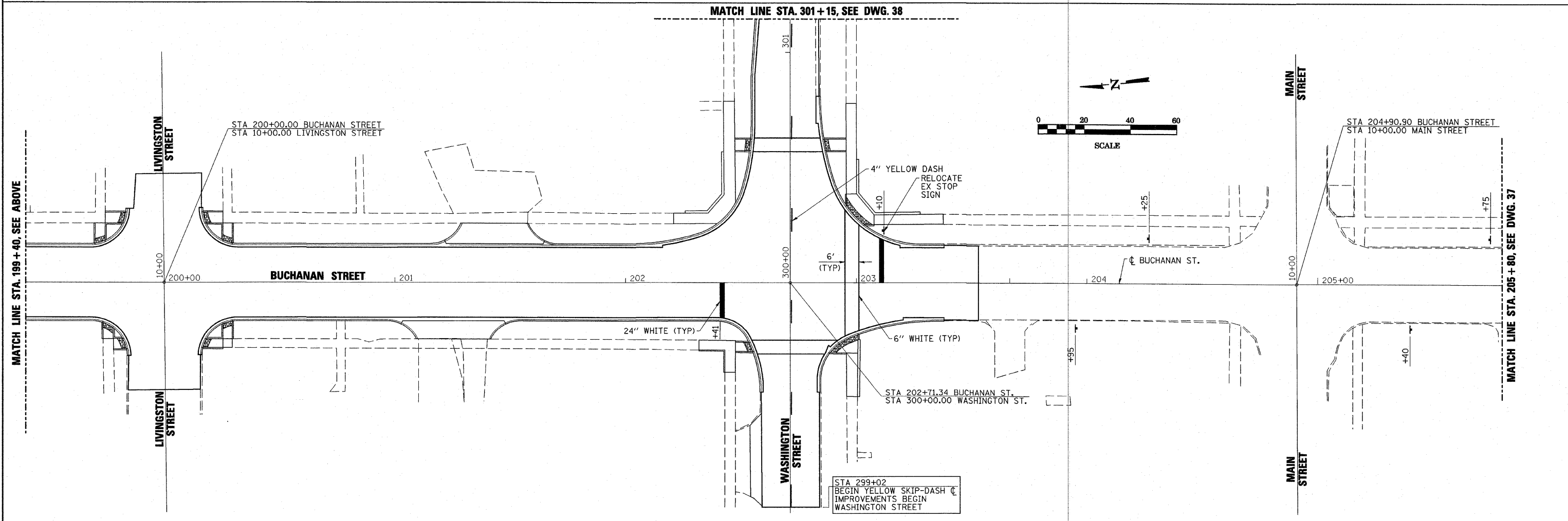
DRAWING NUMBER  
**35**  
1 OF 6



MATCH LINE STA. 48 + 80, SEE DWG. 35

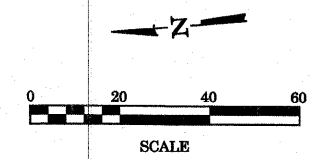
MATCH LINE STA. 199 + 40, SEE BELOW

MATCH LINE STA. 301 + 15, SEE DWG. 38



MATCH LINE STA. 199 + 40, SEE ABOVE

MATCH LINE STA. 205 + 80, SEE DWG. 37



USER: HAS  
 DATE: 3/25/2011  
 TIME: 2:52:44 PM  
 FILE: 44502\_5\_H36.DWG  
 SCALE: 0.0847 IN

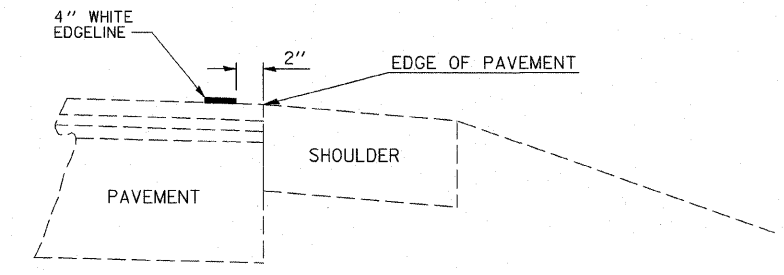
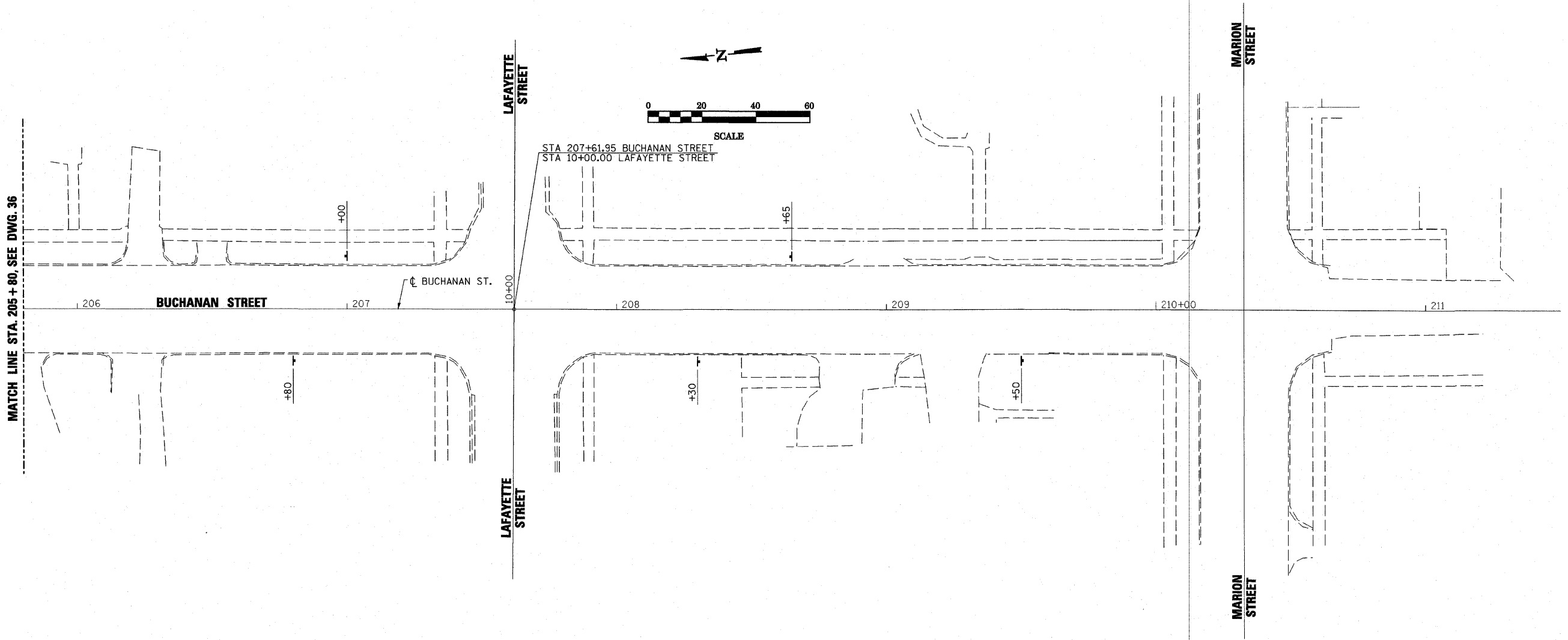
**ESCA**  
 CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.:	445.02				
APPROVED BY:	RDP	03/11						

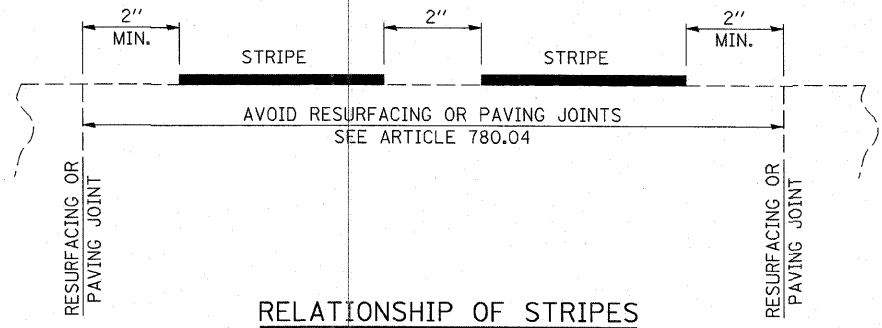
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
 CITY OF MONTICELLO

BUCHANAN STREET  
 PAVEMENT MARKING/SIGNING PLANS

DRAWING NUMBER  
 36  
 2 OF 6



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT  
(SAFETY SHOULDER OR PAVED SURFACE)  
SEE ARTICLE 780.04



RELATIONSHIP OF STRIPES  
AND JOINTS

USER: HAS  
DATE: 3/25/2011  
FILE: 44502\_6\_437\_CVL.dgn  
SCALE: 0.008477 IN.

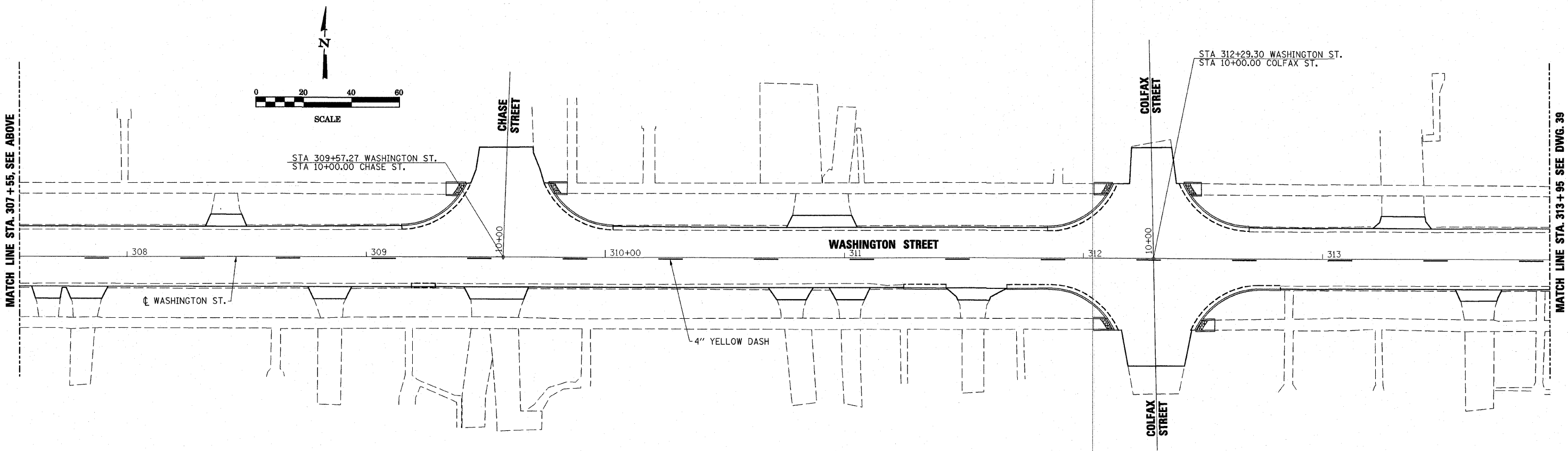
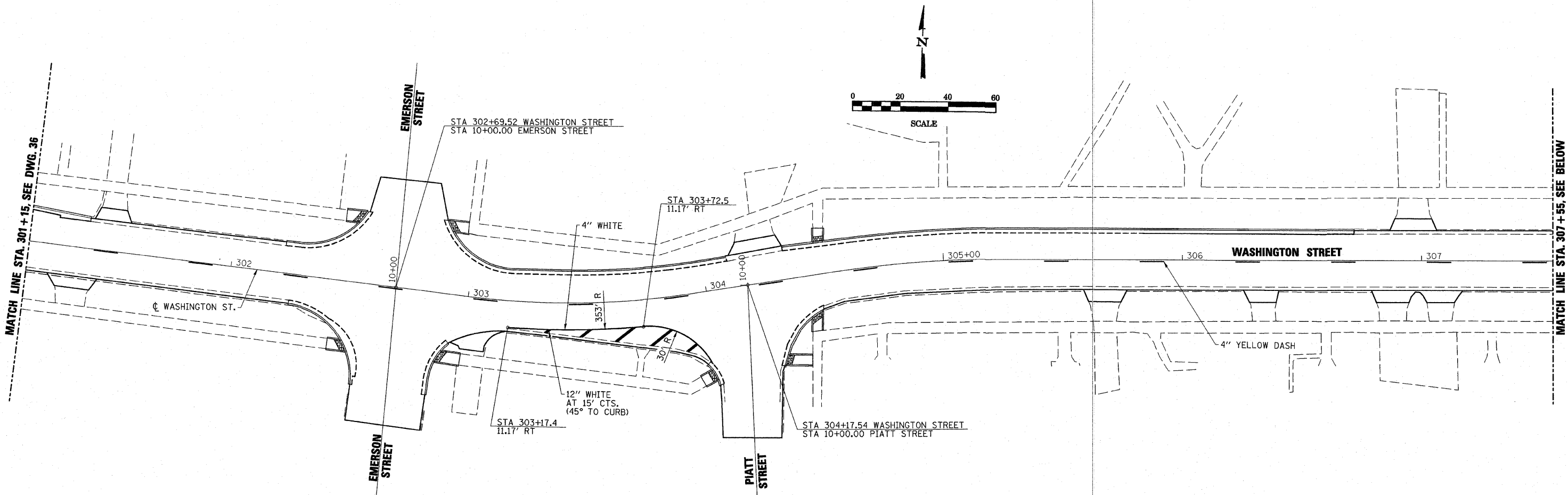
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

BUCHANAN STREET  
PAVEMENT MARKING/SIGNING PLANS

DRAWING NUMBER  
**37**  
3 OF 6



**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

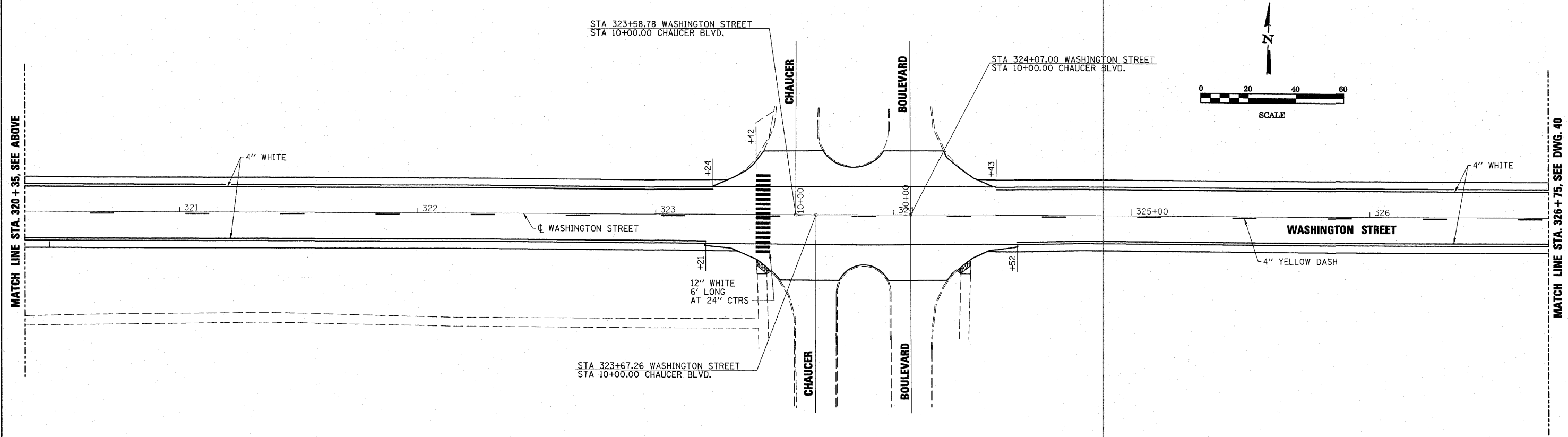
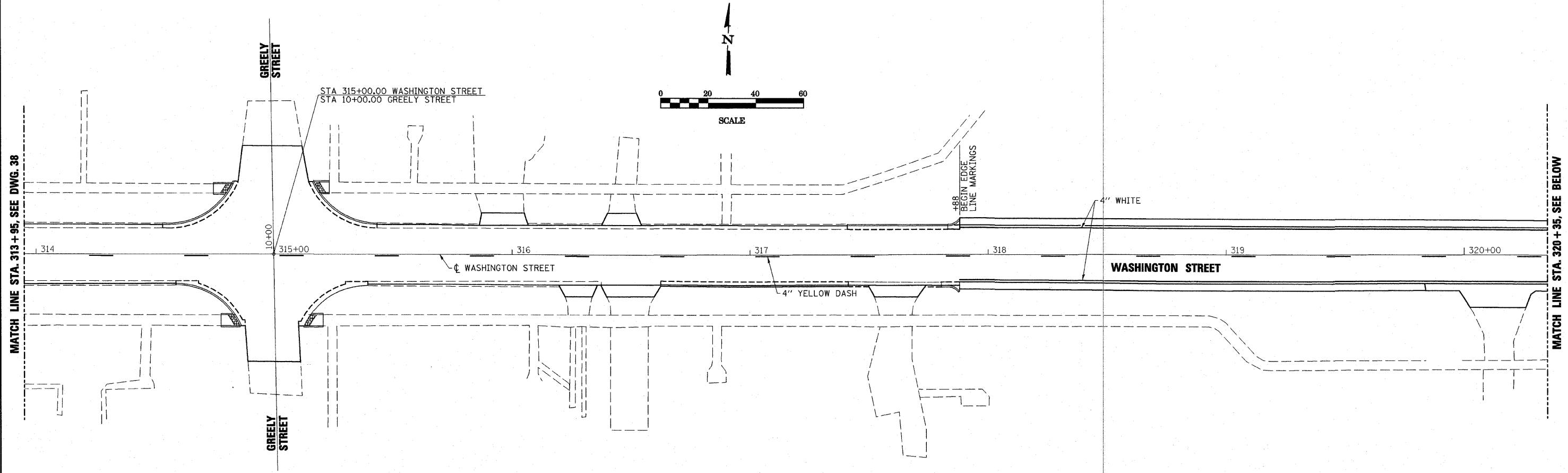
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

WASHINGTON STREET  
PAVEMENT MARKING/SIGNING PLANS

DRAWING NUMBER  
**38**  
4 OF 6

USER: HAS\_02/11  
TIME: 7:43:49 AM  
FILE: 44502\_S\_MKB\_CVL.dgn  
SCALE: 60/84 / IN





USER: HAS  
 TIME: 3:53:21 PM  
 FILE: 44502\_S\_MN\_CVL.dgn  
 SCALE: 0.0833 / IN.

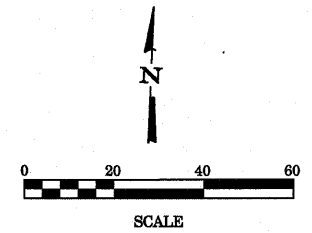
**ESCA**  
 CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
 CITY OF MONTICELLO

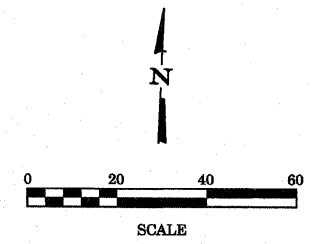
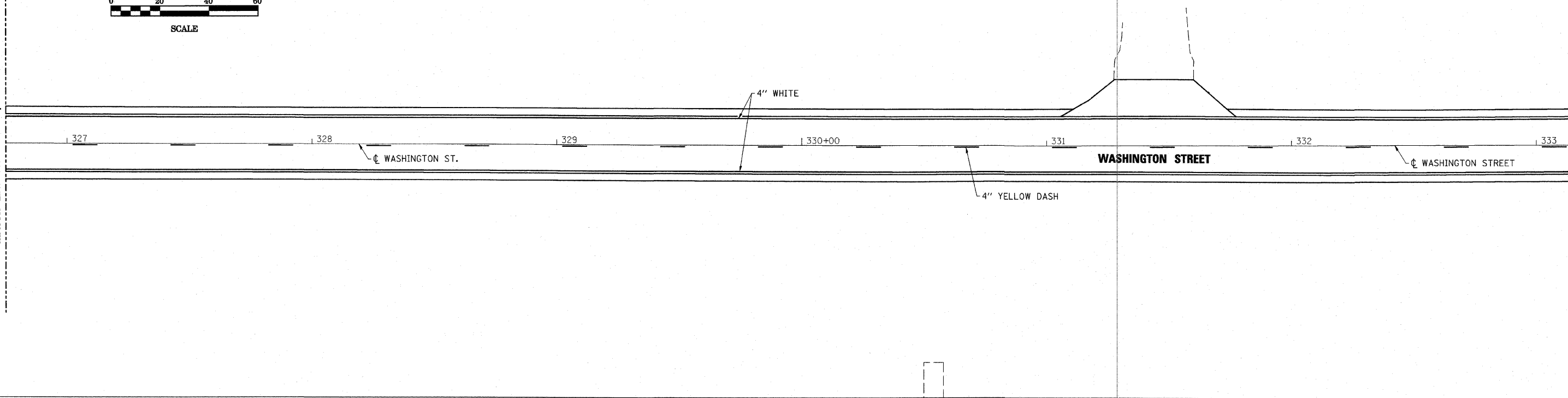
WASHINGTON STREET  
 PAVEMENT MARKING/SIGNING PLANS

DRAWING NUMBER  
**39**  
 5 OF 6

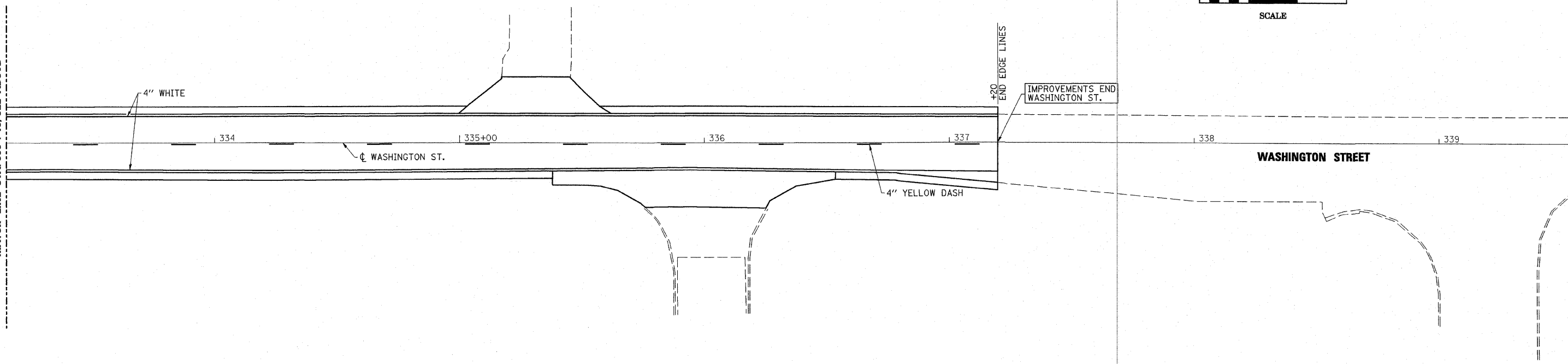


MATCH LINE STA. 326 + 75, SEE DWG. 39

MATCH LINE STA. 333 + 15, SEE BELOW



MATCH LINE STA. 333 + 15, SEE ABOVE



USER: HNS  
DATE: 03/11  
TIME: 3:53:59 PM  
FILE: 445.02\_SJW.DWG  
SCALE: 1/20'

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	1"=20'	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

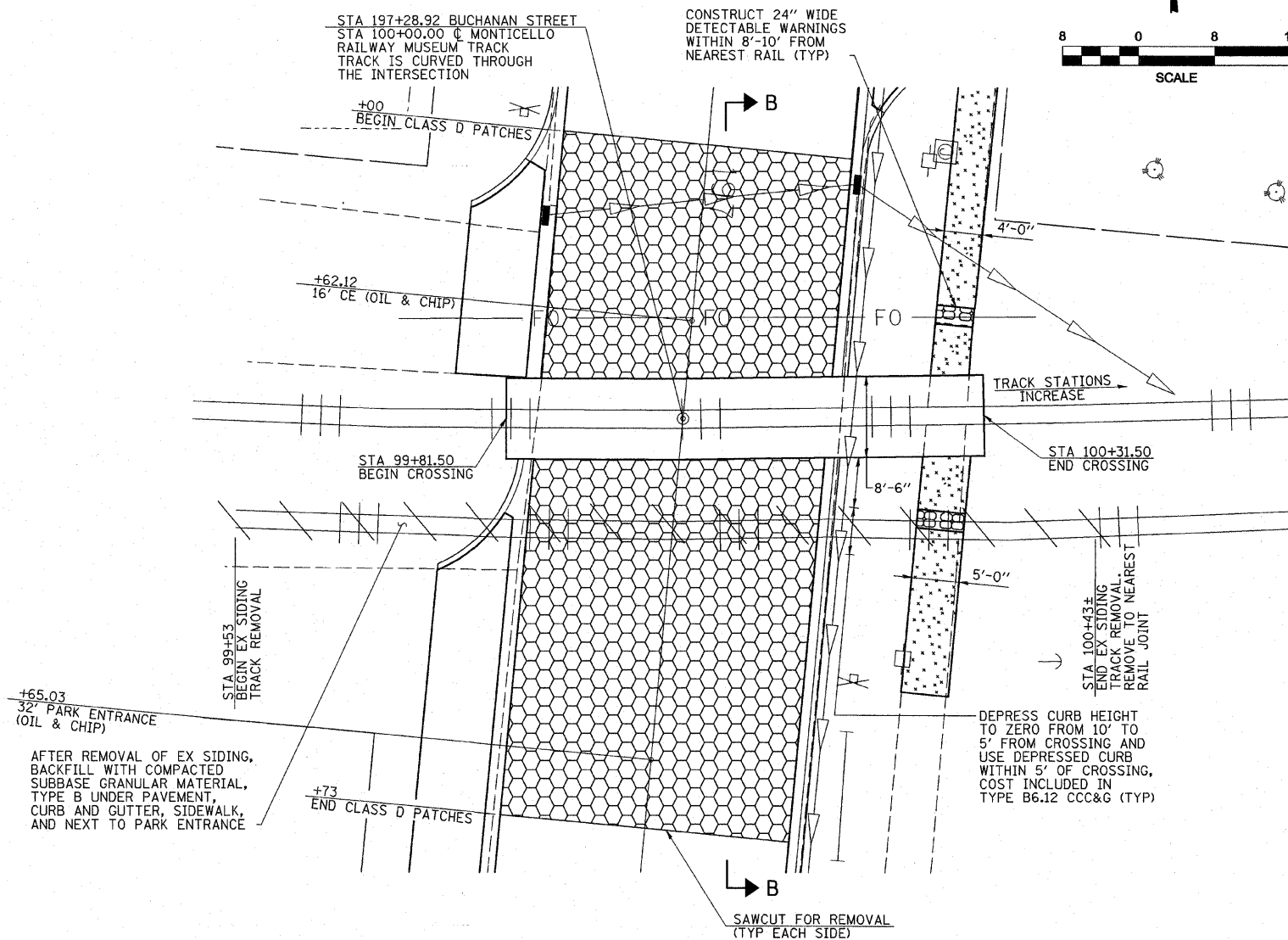
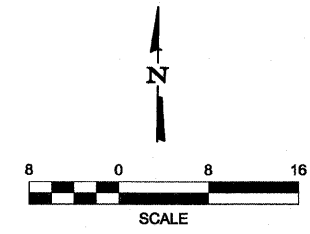
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

WASHINGTON STREET  
PAVEMENT MARKING/SIGNING PLANS

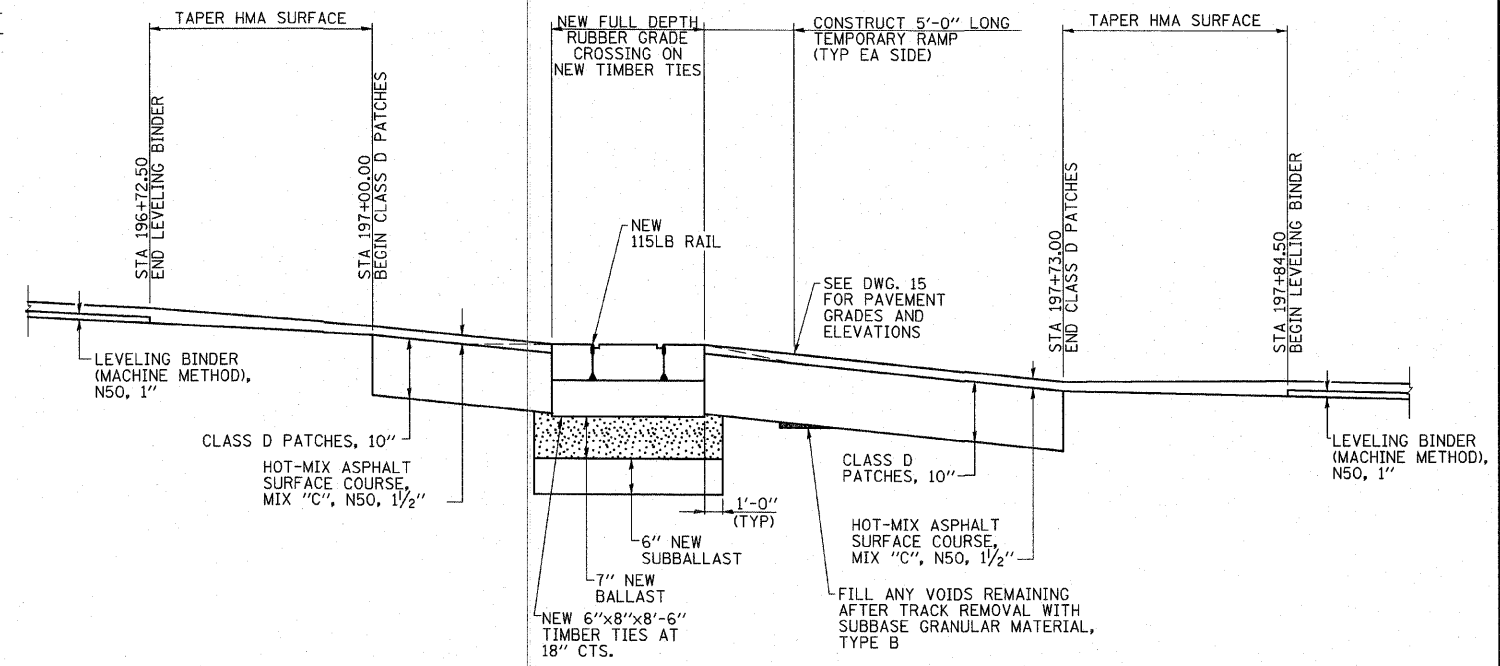
DRAWING NUMBER  
40  
6 OF 6

**GENERAL NOTES**

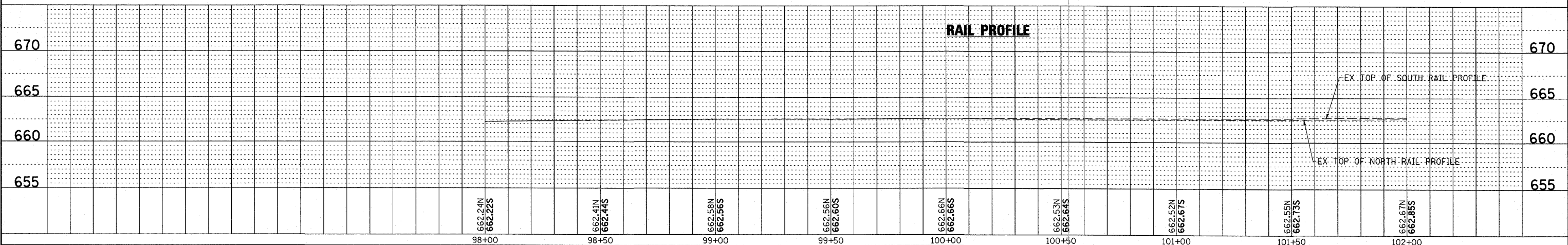
1. THE EXISTING SIDING TRACK WILL BE REMOVED.
2. THE MAIN TRACK CROSSING WILL BE RECONSTRUCTED WITH FULL DEPTH, PREFABRICATED RUBBER ON WOOD TIES.
3. THE MAIN TRACK IS TO STAY AT ITS EXISTING ELEVATION AND TO FOLLOW ITS EXISTING CURVATURE.
4. TRAIN MOVEMENTS ONLY OCCUR ON WEEKENDS DURING A FEW MONTHS OF THE YEAR DURING RAILWAY MUSEUM EVENTS. THIS WORK SHALL BE COORDINATED WITH THE MONTICELLO RAILWAY MUSEUM.
5. NEW TIES, RAILS, SUBBALLAST AND BALLAST SHALL BE INSTALLED.
6. THE PEDESTRIAN CROSSING SHALL BE ADA ACCESSIBLE FOR THE WIDTH OF THE ADJACENT SIDEWALKS. THIS WILL REQUIRE FLANGEWAY GAPS TO BE FILLED.
7. ALL REMOVED RAIL AND TIE PLATES SHALL BE NEATLY STACKED EAST OF BUCHANAN ST. AND WILL REMAIN THE PROPERTY OF THE MONTICELLO RAILWAY MUSEUM.



**PLAN**



**SECTION B-B**



DESIGNED BY:	ELH	01/11	SCALE:	AS SHOWN	NO.	DATE
DRAWN BY:	HAS	01/11	DATE:	MAR. 3, 2011		
CHECKED BY:	ELH	03/11	JOB NO.	445.02		
APPROVED BY:	RDP	03/11				

APVD **MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
CITY OF MONTICELLO

**AAR/DOT 291 312J**  
**BUCHANAN STREET**  
**RAILROAD CROSSING DETAILS**

DRAWING NUMBER  
**41**  
1 OF 1

USER: HAS  
DATE: 3/24/11  
TIME: 3:54:37 PM  
FILE: 44502\_5\_RAIL\_CVL.dgn  
SCALE: 8.8889 / 1" = 1'

**CENTER STREET**

STA 50+56.68, 0.70' LT  
MANHOLE TO BE ADJ  
ELEV. 669.70

**BUCHANAN STREET**

STA 194+15.52, 19.75' RT  
INLET TO BE ADJ WITH NEW T1F OLID  
ELEV. 668.60

STA 194+15.59, 18.81' LT  
INLET TO BE ADJ WITH NEW T11V F&G  
ELEV. 668.78

STA 194+22.29, 23.66' LT  
VALVE BOX TO BE ADJ  
ELEV. 669.36

STA 194+60.26, 23.20' LT  
VALVE BOX TO BE ADJ  
ELEV. 669.60

STA 195+84.85, 23.45' RT  
METER VAULT TO BE ADJ  
ELEV. 666.20

STA 196+35.17, 15.25' LT  
INLET TA T11V F&G  
ELEV. 664.51  
INV. 661.51 12" (OUT) S

STA 196+42.00, 18.20' LT  
MH TA 4' DIA T1F CLID  
WITH PRC FLAT SLAB TOP  
CONSTRUCT ON TOP OF EX SS  
ELEV. 664.93  
INV. 661.48 12" (IN) N  
OUTLET ELEV. UNKNOWN

STA 197+02.66, 15.25' LT  
CB TO BE RECON WITH NEW T11V F&G  
ELEV. 662.78  
INV. 660.25 12" (IN) E  
INV. 658.93 EX 10" (IN) W  
INV. 658.88 EX 12" (OUT) SE

STA 197+07.34, 34.53' LT  
INLET TA T8G  
ELEV. 662.50  
INV. 660.34 12" (OUT) W

STA 197+08.93, 16.25' RT  
INLET TO BE ADJ WITH NEW T23 F&G  
ELEV. 662.92

STA 198+80.49, 0.82' LT  
MANHOLE TO BE ADJ  
ELEV. 660.29

STA 198+84.24, 16.25' LT  
INLET TO BE ADJ WITH NEW T23 F&G  
ELEV. 659.60

STA 199+11.31, 15.25' RT  
INLET TO BE ADJ WITH NEW T11V F&G  
ELEV. 659.80

STA 200+20.23, 19.63' RT  
INLET TO BE ADJ WITH NEW T11V F&G  
ELEV. 660.91

STA 200+21.88, 18.76' LT  
INLET TO BE ADJ WITH NEW T11V F&G  
ELEV. 661.05

STA 201+12.17, 22.94' RT  
METER VAULT TO BE ADJ  
ELEV. 664.13

STA 201+35.82, 16.25' RT  
INLET TO BE ADJ WITH NEW T23 F&G  
ELEV. 664.68

STA 201+39.71, 10.47' LT  
MANHOLE TO BE ADJ  
ELEV. 665.31

STA 202+44.11, 27.31' LT  
INLET TA T11V F&G  
ELEV. 667.48  
INV. 665.40 12" (OUT) SW

STA 202+48.53, 43.24' LT  
METER VAULT TO BE ADJ  
ELEV. 668.43

STA 202+50.63, 19.36' RT  
INLET TO BE ADJ WITH NEW T11V F&G  
ELEV. 668.05

STA 202+51.48, 21.49' LT  
INLET TO BE RECON WITH T1F CLID  
ELEV. 667.84  
INV. 665.36 12" (IN) NE  
INV. 665.36 EX 8" (OUT) SW

STA 202+55.79, 15.45' LT  
MANHOLE TO BE ADJ  
ELEV. 667.99

STA 202+92.23, 21.04' RT  
INLET TO BE RECON WITH T1F CLID  
ELEV. 668.05  
INV. 664.32 12" (IN) SW  
INV. 662.92 EX 15" (IN) E  
INV. 662.50 EX 15" (OUT) N

STA 202+92.53, 20.01' LT  
INLET TO BE RECON WITH T1F CLID  
ELEV. 667.83  
INV. 665.19 12" (IN) SE  
INV. 663.42 EX 15" (IN) S  
INV. 663.42 EX 15" (OUT) W

STA 202+93.30, 34.31' LT  
INLET TA T11V F&G  
ELEV. 667.75  
INV. 665.25 12" (OUT) SW

STA 202+94.33, 24.79' RT  
INLET TA T23 F&G  
ELEV. 667.91  
INV. 664.34 12" (OUT) NE

STA 202+94.78, 35.43' RT  
METER VAULT TO BE ADJ  
ELEV. 668.40

STA 203+15.27, 18.79' LT  
VALVE BOX TO BE ADJ  
ELEV. 669.25

**WASHINGTON STREET**

STA 302+82.91, 8.15' LT  
VALVE BOX TO BE ADJ  
ELEV. 669.57

STA 302+84.77, 15.27' LT  
VALVE BOX TO BE ADJ  
ELEV. 669.55

STA 302+86.62, 16.36' LT  
MANHOLE TO BE ADJ  
ELEV. 669.55

STA 302+86.62, 13.39' RT  
MANHOLE TO BE ADJ  
ELEV. 669.54

STA 302+91.83, 20.37' RT  
INLET TO BE ADJ WITH NEW T3V F&G  
ELEV. 669.11

STA 302+96.77, 17.63' LT  
INLET TA T3V F&G  
ELEV. 669.06  
INV. 666.88

STA 303+05.59, 22.94' LT  
INLET TB WITH T1F CLID  
WITH PRC FLAT SLAB TOP  
CONSTRUCT ON TOP OF EX SS  
ELEV. 669.54  
INV. 666.85 12" (IN) SW  
INV. 665.66 EX 8" (IN) N  
INV. 665.66 EX 8" (OUT) S

STA 303+06.30, 16.50' LT  
INLET TO BE ADJ WITH NEW T1F OLID  
ELEV. 669.56

STA 304+36.47, 19.28' RT  
INLET TO BE ADJ WITH NEW T3V F&G  
ELEV. 670.17

STA 309+23.93, 11.17' RT  
INLET TO BE ADJ WITH NEW T3V F&G  
ELEV. 666.48

STA 309+24.60, 16.89' LT  
INLET TO BE ADJ WITH NEW T1F CLID  
ELEV. 666.68

STA 309+30.43, 15.58' LT  
INLET TB WITH T3V F&G  
WITH PRC FLAT SLAB TOP  
CONSTRUCT ON TOP OF EX SS  
ELEV. 666.21  
INV. 663.58 EX 10" (IN) S  
INV. 663.58 EX 10" (OUT) E

STA 309+37.65, 31.50' LT  
VALVE BOX TO BE ADJ  
ELEV. 666.48

STA 309+42.48, 19.42' LT  
VALVE BOX TO BE ADJ  
ELEV. 666.36

STA 309+43.61, 17.09' LT  
MANHOLE TO BE ADJ  
ELEV. 666.37

STA 311+95.75, 16.21' LT  
INLET TO BE REMOVED

STA 312+00.25, 15.04' LT  
INLET TA WITH T3V F&G  
CONSTRUCT AROUND EX 10" SS  
ELEV. 664.93  
INV. 662.35 EX 10" (OUT) E

STA 312+07.73, 20.08' RT  
INLET TO BE ADJ WITH T3V F&G  
ELEV. 664.88

STA 312+09.99, 16.25' LT  
MANHOLE TO BE ADJ  
ELEV. 665.35

STA 312+12.22, 14.97' RT  
MANHOLE TO BE ADJ  
ELEV. 665.45

STA 312+42.89, 14.25' LT  
MANHOLE TO BE ADJ  
ELEV. 665.36

STA 312+43.95, 22.99' RT  
MANHOLE TO BE ADJ  
ELEV. 665.47

STA 312+47.51, 20.21' LT  
INLET TO BE ADJ WITH T3V F&G  
ELEV. 664.83

STA 312+50.10, 16.12' LT  
VALVE BOX TO BE ADJ  
ELEV. 665.03

STA 312+50.41, 21.48' RT  
INLET TO BE ADJ WITH T3V F&G  
ELEV. 664.88

STA 314+77.06, 23.90' RT  
METER VAULT TO BE ADJ  
ELEV. 666.88

STA 314+81.78, 32.16' LT  
MANHOLE TO BE ADJ  
ELEV. 667.57

STA 315+12.93, 15.63' LT  
MANHOLE TO BE ADJ  
ELEV. 666.92

STA 315+14.39, 13.81' RT  
INLET TO BE RECON WITH T1F CLID  
ELEV. 666.55  
INV. 663.39 12" (IN) S  
INV. 663.49 EX 12" (OUT) N

STA 315+16.31, 21.02' RT  
INLET TA WITH T3V F&G  
ELEV. 666.25  
INV. 663.42 12" (OUT) N

STA 315+29.43, 14.64' LT  
INLET TA WITH T3V F&G  
CONSTRUCT AROUND EX 12" SS  
ELEV. 666.40  
INV. 663.58 EX 12" (OUT) W

STA 315+35.27, 15.84' LT  
INLET TO BE REMOVED

USER: HAS  
DATE: 03/11  
TIME: 2:28:05 PM  
FILE: 44502.S.DWG  
SCALE: 0.875" = 1"

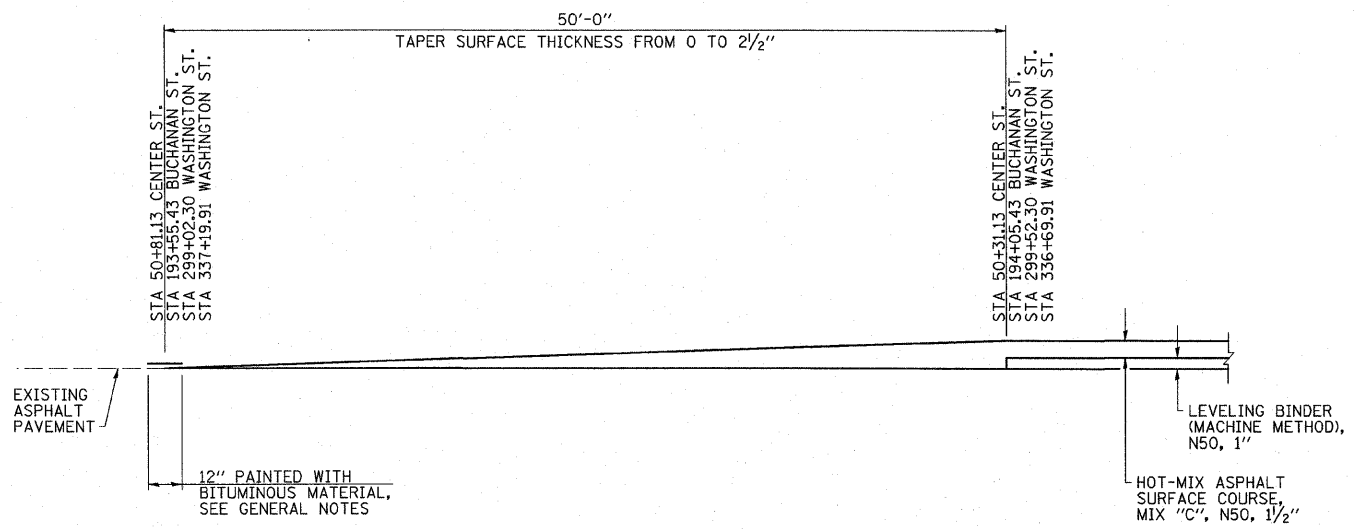


DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

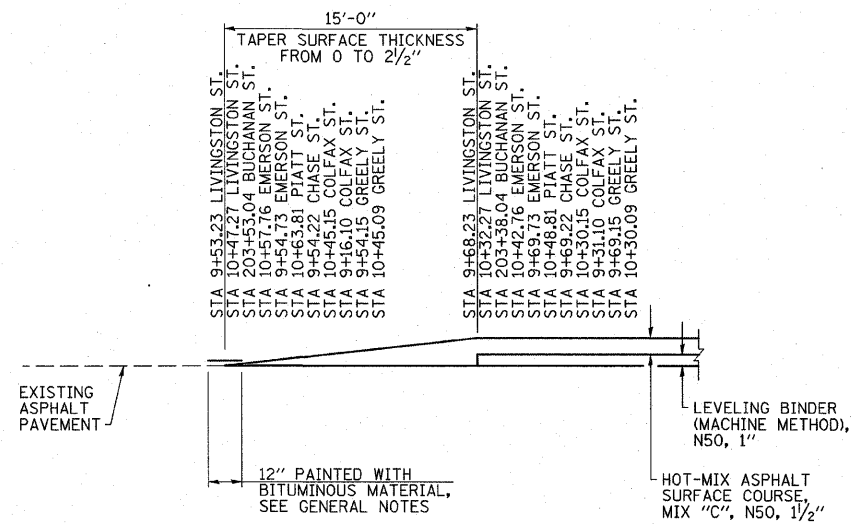
MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

DRAINAGE STRUCTURE  
AND ADJUSTMENT SCHEDULE

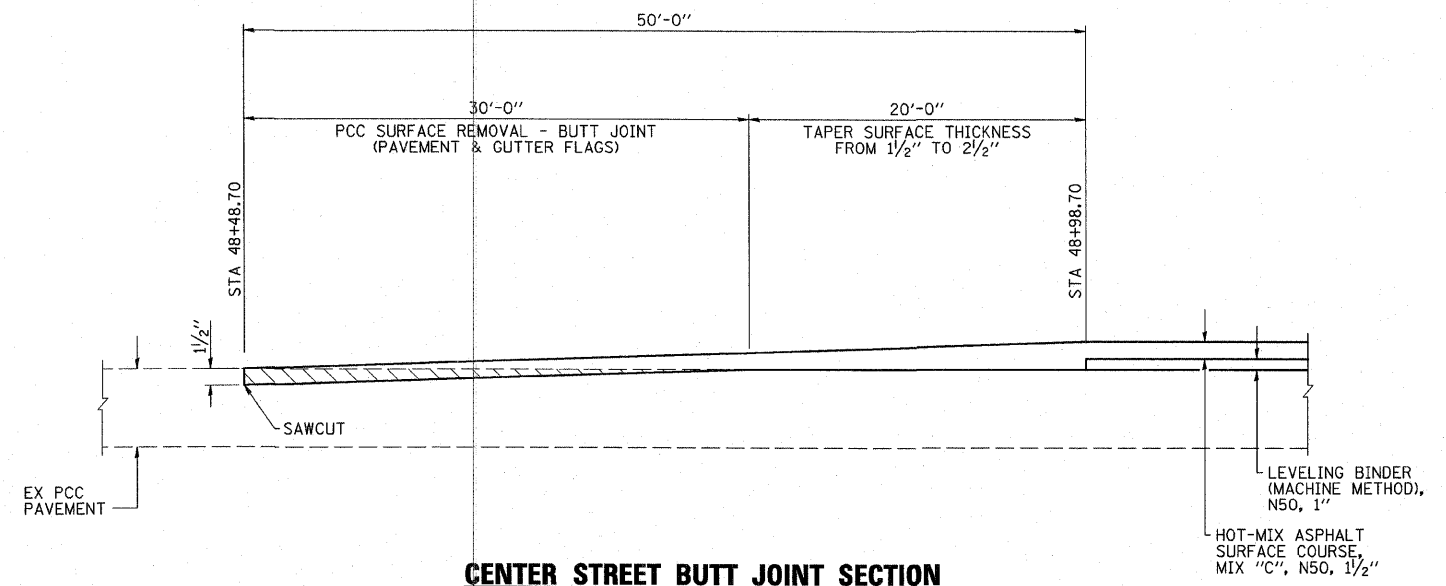
DRAWING NUMBER  
42  
1 OF 1



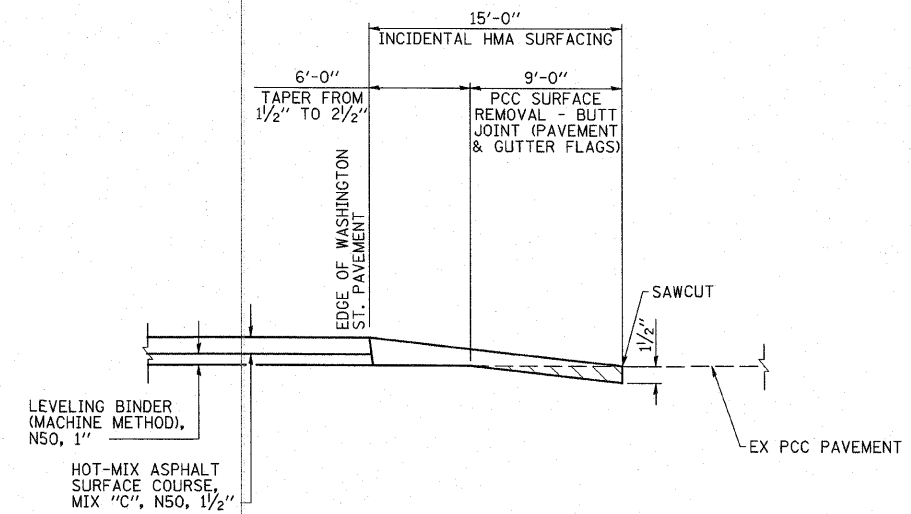
**RUNDOWN SECTION I**



**RUNDOWN SECTION II**

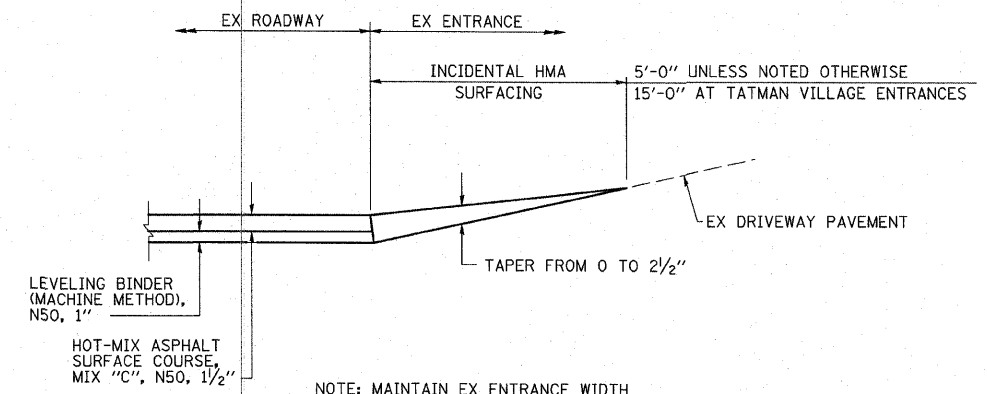


**CENTER STREET BUTT JOINT SECTION**



**CHAUCER BOULEVARD BUTT JOINT SECTION**

(USE THIS DETAIL AT MIDDLE SCHOOL ENTRANCE ALSO)



**INCIDENTAL HMA ENTRANCE TAPER SECTION**

USER: HAS  
DATE: 3/25/2011  
FILE: 44502\_S043.LVL.dgn  
SCALE: 0.884 7/8 IN.

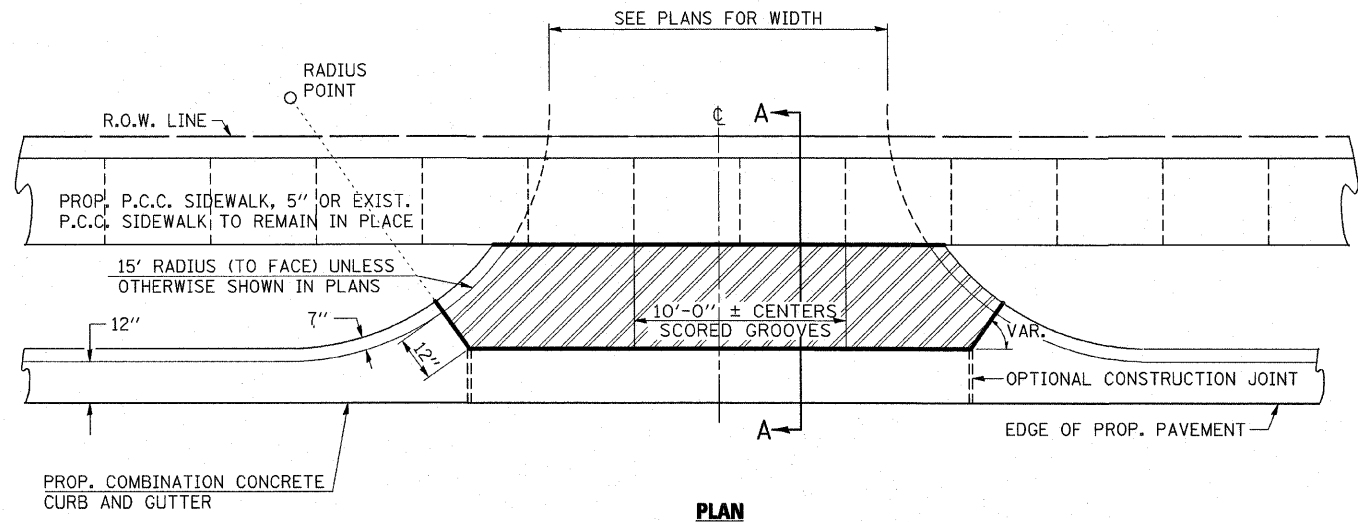
<b>ESCA</b> CONSULTANTS, INC.	DESIGNED BY: ELH	01/11	SCALE: NONE	NO.	DATE	REVISION	APVD
	DRAWN BY: HAS	01/11	DATE: MAR. 25, 2011				
	CHECKED BY: ELH	03/11	JOB NO. 445.02				
	APPROVED BY: RDP	03/11					

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

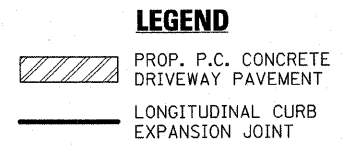
MISCELLANEOUS DETAILS

DRAWING NUMBER  
**43**  
1 OF 3



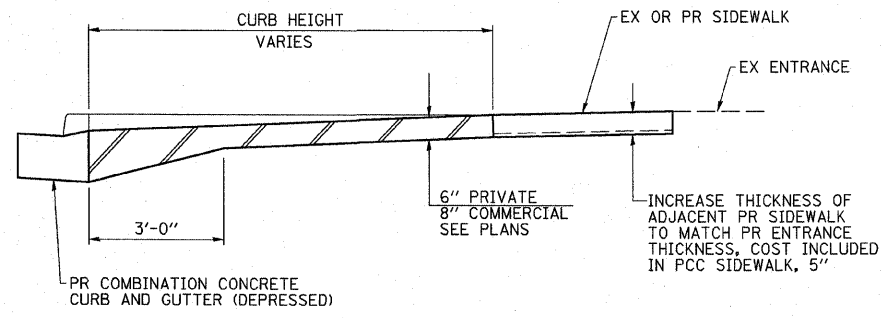


NOTE: THE ENTRANCE WIDTHS SHOWN ON THE PLANS SHALL BE INTERPRETED TO BE THE WIDTHS AT THE COMPLETED RADIUS, WHICH MAY BE LOCATED BEHIND THE R.O.W. LINE.

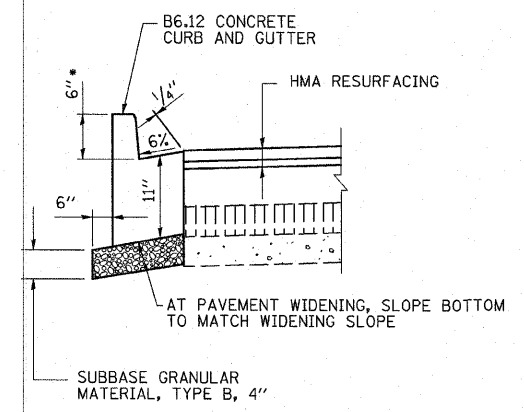


**NOTES**

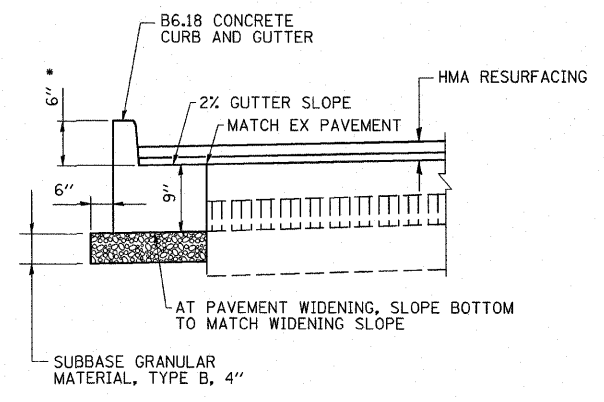
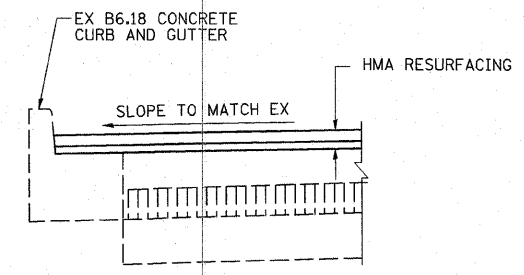
1. THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECS.
2. THE ENTRANCE GRADES WILL BE THOSE REQUIRED TO MEET EXISTING CONDITIONS AND AS DIRECTED BY THE ENGINEER.
3. THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 424.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY EVERY OTHER JOINT, EITHER IN THE EXISTING SIDEWALK OR THE PROPOSED SIDEWALK. THE PROPOSED P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTING THE P.C. CONC. DRIVEWAY PAVEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED AS SHOWN AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LIN. FT. FOR COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE VARIABLE HEIGHT CURB ADJACENT TO THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED MONOLITHIC WITH AND INCLUDED IN THE AREA OF THE P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ. YD. FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS, INCLUDING THE MONOLITHIC CURBS AS SPECIFIED, THE SCORED GROOVES, THE LONGITUDINAL CURB EXPANSION JOINTS, AND THE ADDITIONAL THICKNESS REQUIRED ADJACENT TO THE DEPRESSED COMBINATION CONCRETE CURB AND GUTTER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



**PCC DRIVEWAY PAVEMENT DETAILS**



• TRANSITION TO MATCH EX CURB IN 5'-0" AS NECESSARY



**CONCRETE CURB AND GUTTER DETAILS**

USER: HAS  
DATE: 3/24/2011  
FILE: 44502.S\_G44\_CVL.dgn  
SCALE: 0.0084 = 7/8"

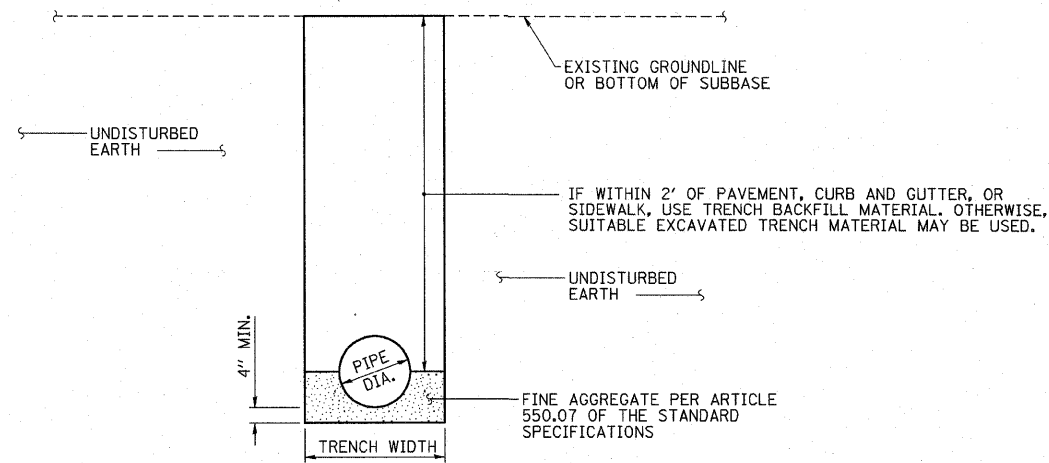


DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	01/11	JOB NO.	445.02				
APPROVED BY:	RDP	01/11						

MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT  
CITY OF MONTICELLO

MISCELLANEOUS DETAILS

DRAWING NUMBER  
**44**  
2 OF 3

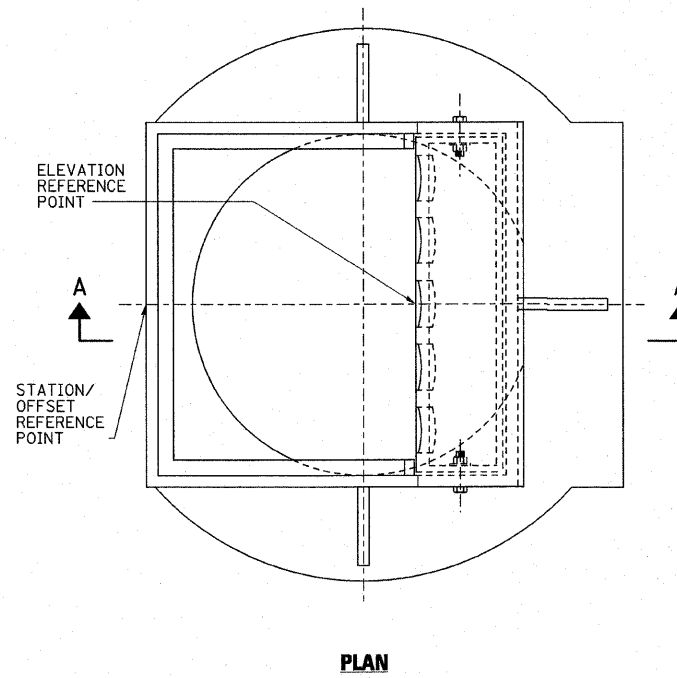


NOTE:  
TRENCH EXCAVATION AND FOUNDATION SHALL BE PER  
ARTICLE 550.04 OF THE STANDARD SPECIFICATIONS.  
COST INCLUDED IN THE COST OF THE NEW SEWER.

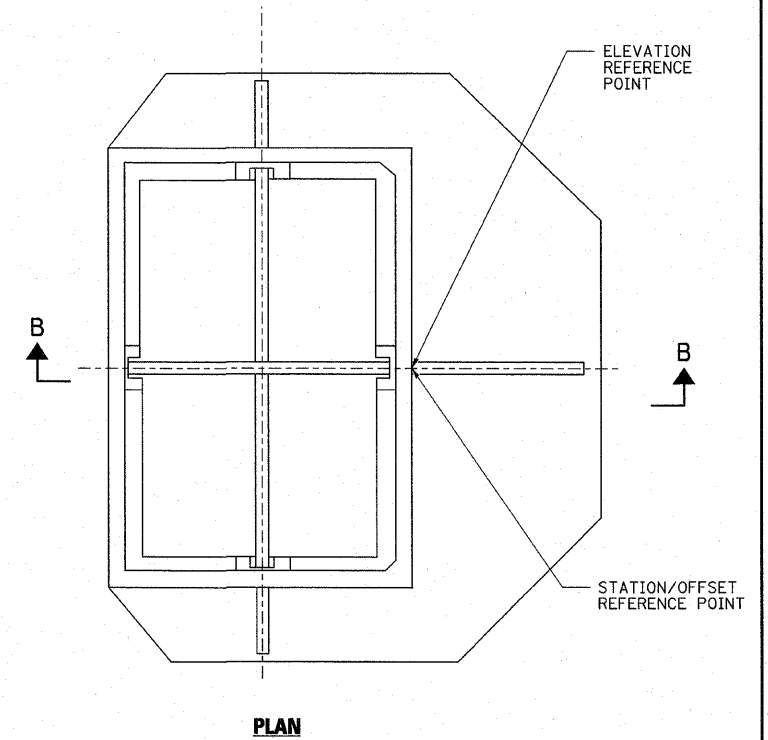
**TYPICAL TRENCH FOR STORM SEWER**

NOTE:  
WITH THE EXCEPTION OF TYPE 3V, TYPE 11V, AND TYPE 23  
FRAMES AND GRATES, STATION/OFFSET REFERENCE POINTS WILL BE THE  
CENTER-LINE OF THE CASTING AND THE ELEVATION REFERENCE  
POINTS WILL BE THE TOP OF LID.

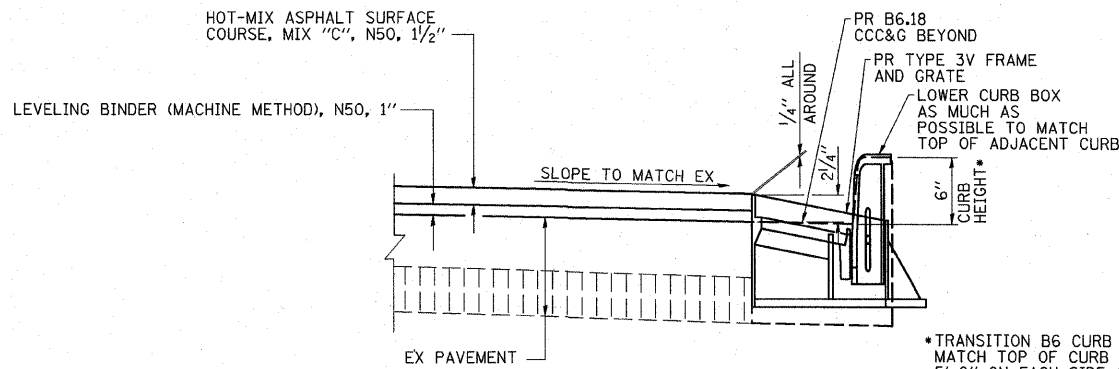
THE FOLLOWING DIAGRAMS ILLUSTRATE THE TYPES 3V, 11V & TYPE 23  
FRAMES AND GRATES.



**PLAN**



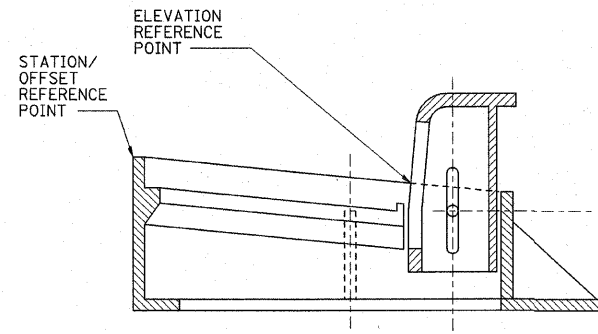
**PLAN**



**SECTION THRU WASHINGTON STREET  
FRAME AND GRATE**

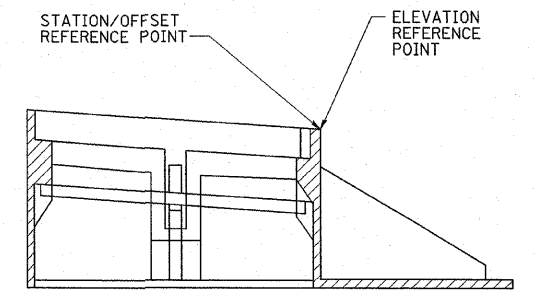
NOTE: CONTRACTOR SHALL PROVIDE A TEMPORARY  
DRAIN AT EACH CASTING TO REMOVE WATER FROM  
THE PAVEMENT PRIOR TO HMA SURFACING. COST  
INCLUDED IN INLETS AND INLETS TO BE ADJUSTED.

\*TRANSITION B6 CURB HEIGHT TO  
MATCH TOP OF CURB BOX WITHIN  
5'-0" ON EACH SIDE OF CASTING  
IF NECESSARY, COST INCLUDED  
IN B6.18 CCC&G



**SECTION A-A**

**FRAME AND GRATE TYPES 3V & 11V**



**SECTION B-B**

**FRAME AND GRATE TYPE 23**

USER = HAS  
DATE = 01/11  
TIME = 2:28:44 AM  
FILE = 44502-S-G4E.CVL.dgn  
SCALE = 0.884 / IN

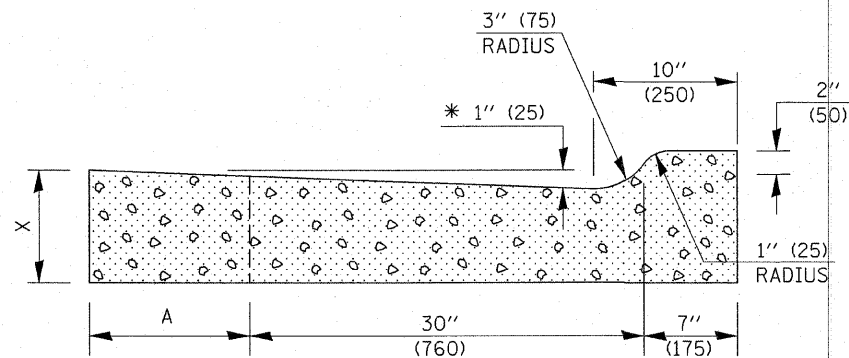
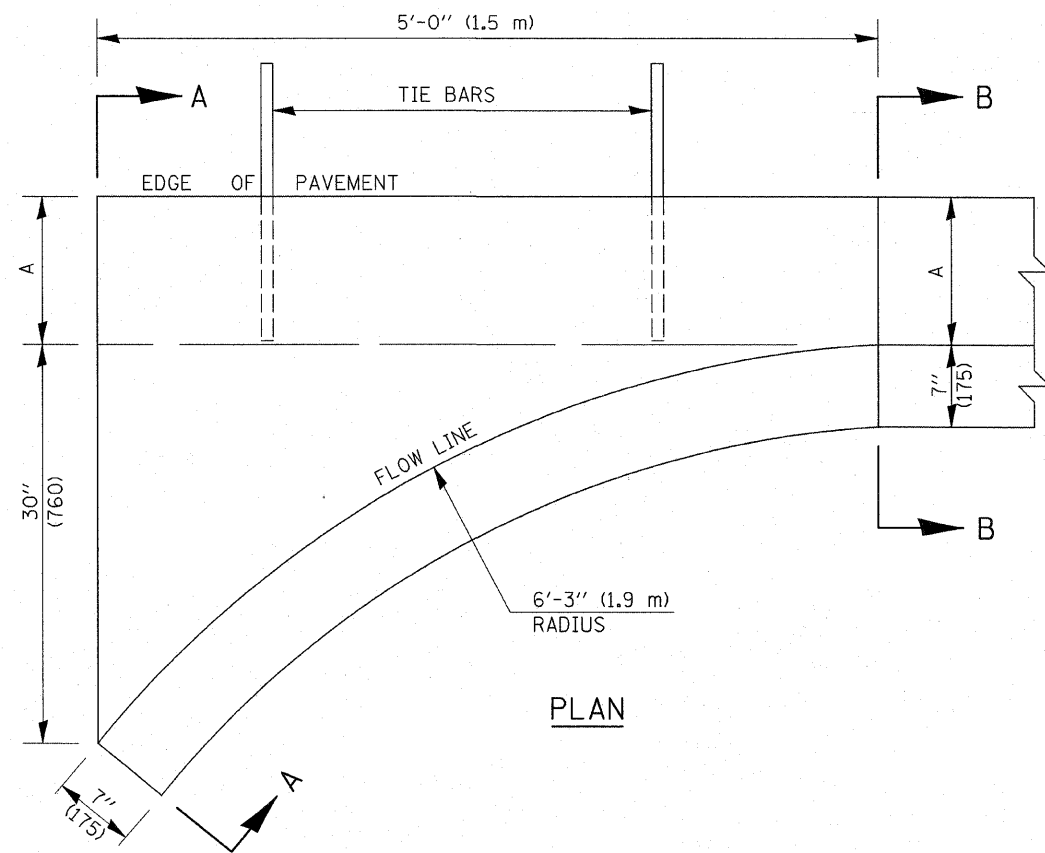
**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/11	SCALE:	NONE	NO.	DATE	REVISION	APVD
DRAWN BY:	HAS	01/11	DATE:	MAR. 25, 2011				
CHECKED BY:	ELH	03/11	JOB NO.	445.02				
APPROVED BY:	RDP	03/11						

**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
CITY OF MONTICELLO

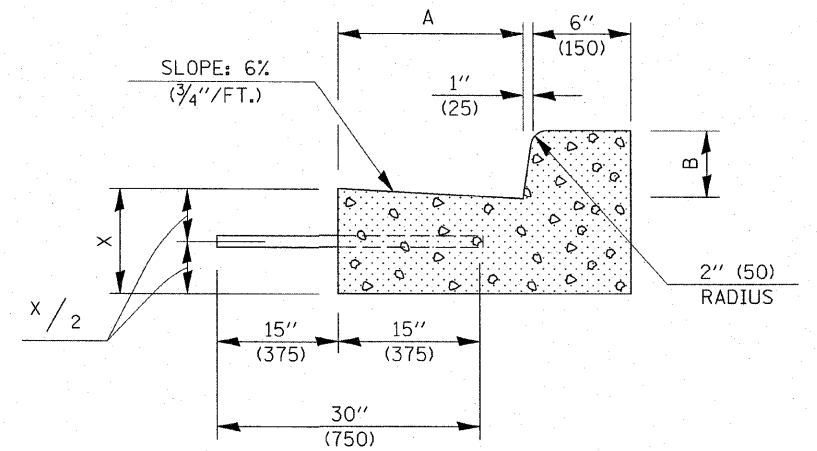
**MISCELLANEOUS DETAILS**

DRAWING NUMBER  
**45**  
3 OF 3



SECTION A-A

\* INCREASE TO 2" (50 mm) WHERE IN THE PLANS IT IS SPECIFIED THAT THESE SPECIAL INLETS ARE TO BE CONSTRUCTED AS OUTLETS. ALL OUTLET LOCATIONS WILL BE CONFIRMED BY THE ENGINEER.



SECTION B-B

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. TIE BARS SHALL BE NO. 6 (NO. 20) AT 24" (600 mm) CENTERS UNLESS OTHERWISE SHOWN. SPECIAL INLETS AND OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
3. TIE BARS SHOWN ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL TO CLASS SI CONCRETE (OUTLET).
4. WHEN SPECIAL INLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).
5. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. (m<sup>3</sup>) FOR CLASS SI CONCRETE (OUTLET) WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

	B-6.12 (B-15.30)		B-9.12 (B-22.30)		B-6.18 (B-15.45)		B-9.18 (B-22.45)		B-6.24 (B-15.60)		B-9.24 (B-22.60)	
A	12" (300)	12" (300)	12" (300)	12" (300)	18" (450)	18" (450)	18" (450)	18" (450)	24" (600)	24" (600)	24" (600)	24" (600)
B	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)	9" (225)	9" (225)
X	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)
CU. YD. (m <sup>3</sup> )	0.37 (0.28)	0.42 (0.32)	0.38 (0.29)	0.42 (0.32)	0.44 (0.34)	0.49 (0.37)	0.45 (0.34)	0.50 (0.38)	0.51 (0.39)	0.56 (0.43)	0.52 (0.40)	0.57 (0.44)
CLASS SI CONCRETE (OUTLET)												

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• 7531, 7543, 7536

DISTRICT 5 DETAIL NO. 6060095A

FILE NAME =	USER NAME = HAS	DESIGNED -	REVISED - 11/06
Y:\ESCA\445-02\CADD\HIGHWAY\CVL44502\4502.S.C46.CVL.dgn		DRAWN -	REVISED -
	PLOT SCALE = 18.889' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/2/2011	DATE -	REVISED -

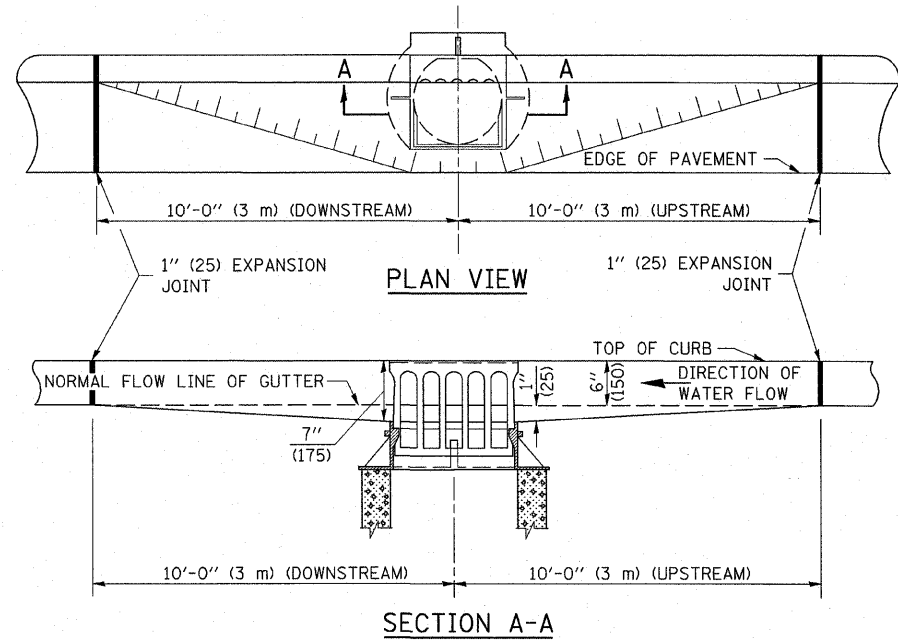
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INLET - COMBINATION CONCRETE CURB & GUTTER (BARRIER CURB)

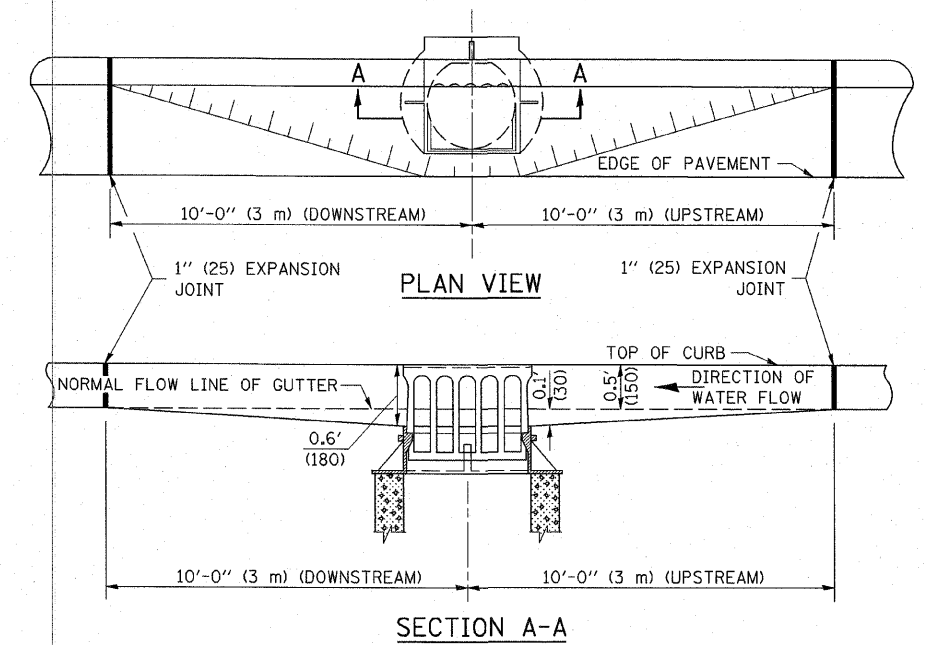
SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00022-00-PV	PIATT	48	46
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 91441		

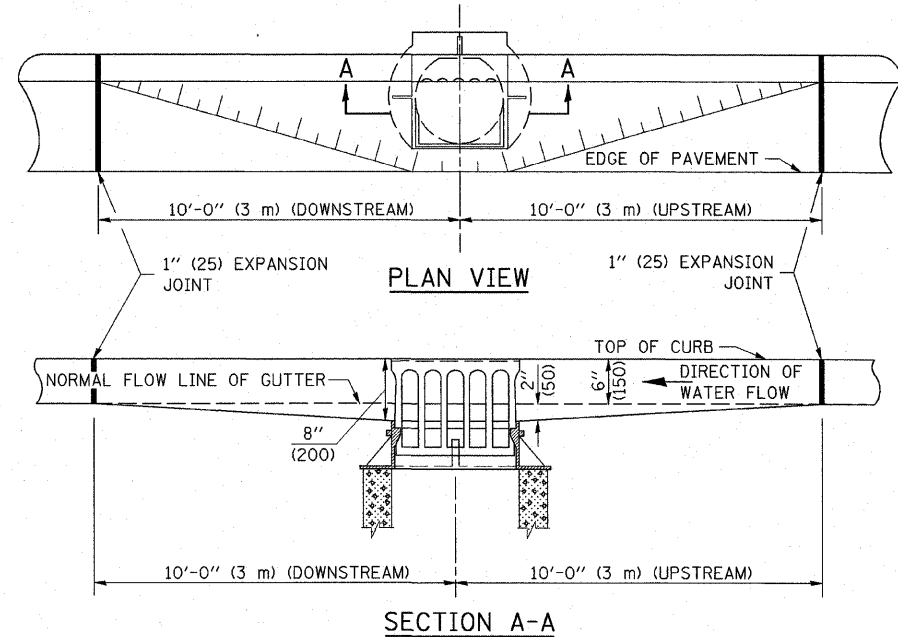
**GUTTER DEPRESSION 1" (25mm)**



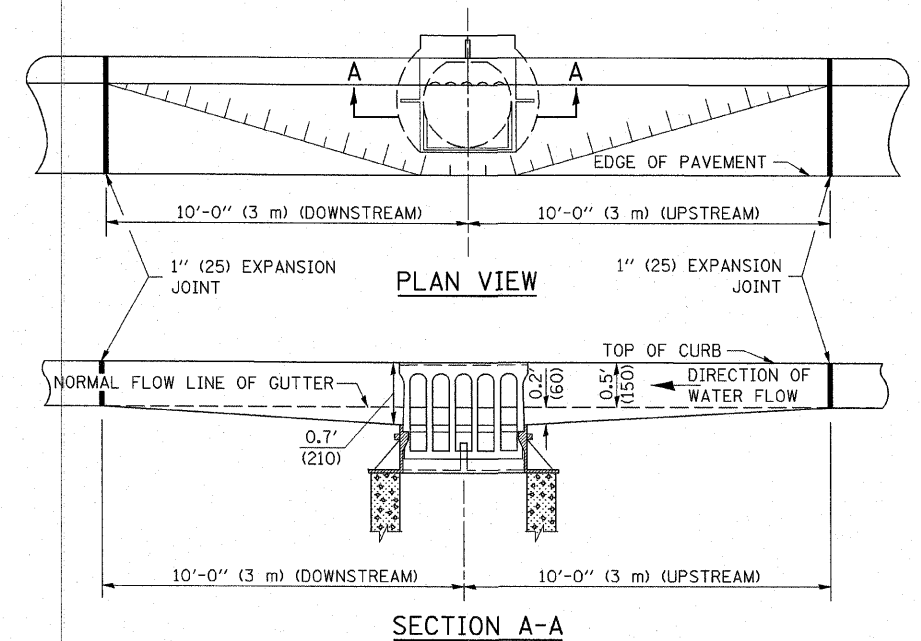
**GUTTER DEPRESSION 0.1 FOOT (30mm)**



**GUTTER DEPRESSION 2" (50mm)**



**GUTTER DEPRESSION 0.2 FOOT (60mm)**



**GENERAL NOTES**

1. THE TWO EXPANSION JOINTS SHALL BE PLACED AS SHOWN IN STANDARD 606001.
2. THE GUTTER GRADE SHALL BE DEPRESSED AT ALL INLETS, CATCH BASINS AND MANHOLES UNLESS OTHERWISE SPECIFIED IN THE PLANS.
3. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS PAY ITEMS OF WORK INVOLVED.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = HAS	DESIGNED -	REVISED - 11/06
Y:\ESCA\445-02\CADD\HIGHWAY\CVL44502\4502-S-C47-CVL.dgn		DRAWN -	REVISED -
	PLOT SCALE = 18.889 ' / IN.	CHECKED -	REVISED - IN.
	PLOT DATE = 3/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUTTER DEPRESSION AT INLETS, CATCH BASINS AND MANHOLES**

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 606AAAAA**

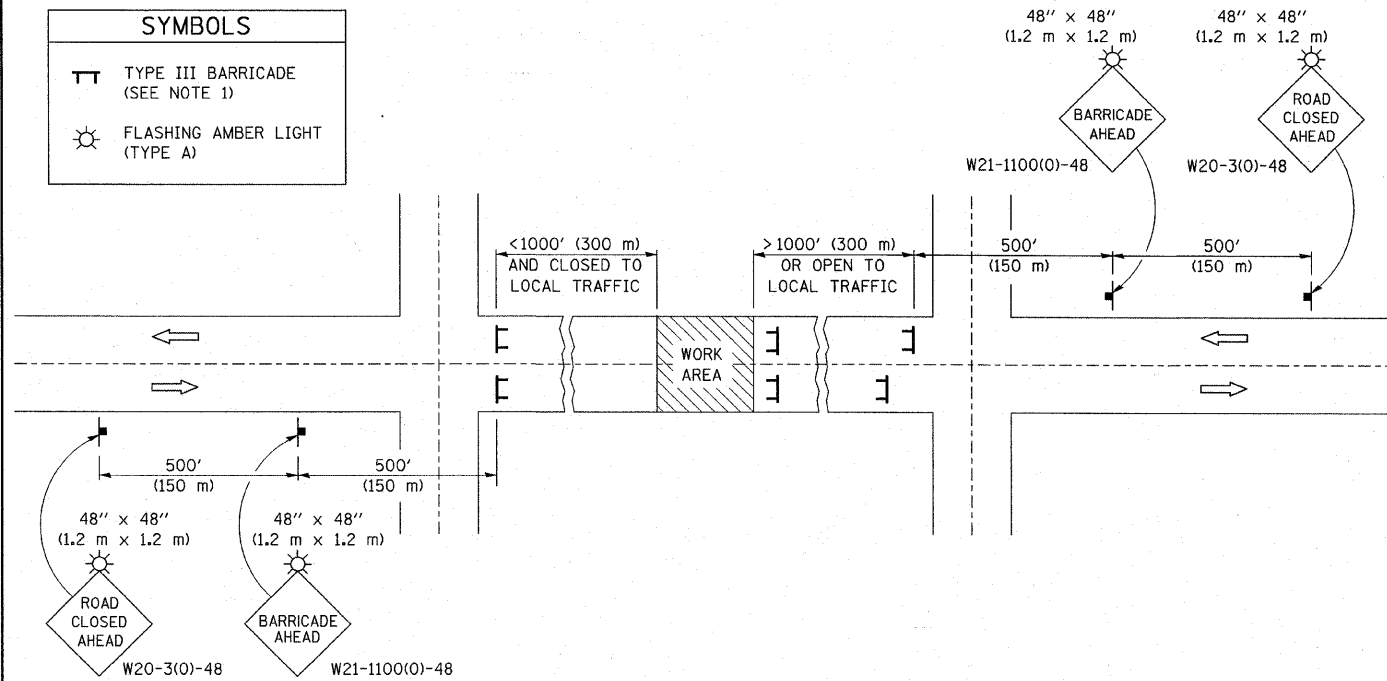
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00022-00-PV	PIATT	48	47
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 91441	

• 7531, 7543, 7536

# ROAD CLOSURE

# SIDEROAD / STREET CLOSURE

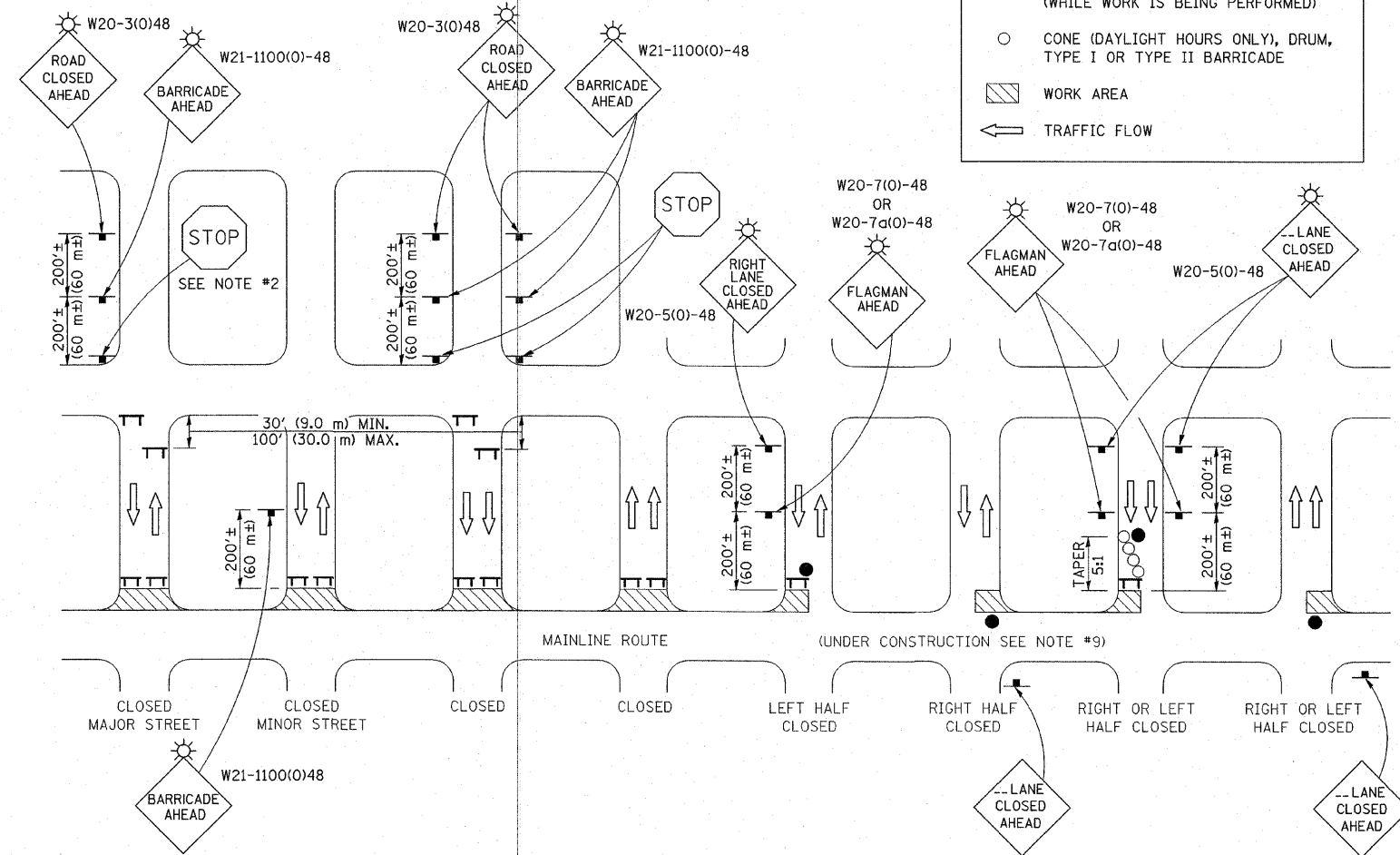
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW

## GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.



## GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = HAS	DESIGNED -	REVISED - 11/06
Y:\ESCA\445-02\CADD\HIGHWAY\CVL44502.dwg	4502_S_C48_CVL.dgn	DRAWN -	REVISED - 12/07
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED - 09/09 - KJT
	PLOT DATE = 3/2/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES  
(ROAD & SIDEROAD/STREET CLOSURES)

SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7020000

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00022-00-PV	PIATT	48	48
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 91441	

7531, 7543, 7536