

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00592-00-SP	WINNEBAGO	36	1
F.H.V.A. REG. ILLINOIS PROJECT: HSIP-5099 (109)		CONTRACT NO. 85615	

SHEET NO.	TITLE
1	COVER
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-7	TRAFFIC SIGNAL PLANS AND DETAILS
8-9	ROADWAY PLAN
10	ELEVATION PLAN
11-12	ADA RAMP DETAILS
13-14	STRIPING AND SIGNING PLAN
15-17	EROSION CONTROL PLAN AND DETAILS
18-22	CROSS SECTIONS
23-32	IDOT DISTRICT 2 HIGHWAY STANDARDS
33	CITY OF ROCKFORD STANDARD DETAILS
34	ROCK RIVER WATER RECLAMATION DISTRICT DETAILS

LIST OF STATE HIGHWAY STANDARDS

280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMP FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMP FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701406-09	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-07	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS ≥ 45 MPH
701427-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-03	PEDESTRIAN PUSH BUTTON POST
877011-05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16" THROUGH 55"
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

IDOT DISTRICT 2 STANDARDS (INCLUDED)

10.2	INLET SPECIAL
17.4	CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED
38.1	TRAFFIC CONTROL FOR TRANSITION AREAS
40.2	STAY IN YOUR LANE SIGN DETAILS
41.1	TYPICAL PAVEMENT MARKINGS
60.2	CURB RAMP DETAILS
91.2	ROUGH GROOVED SURFACE SIGN

CITY OF ROCKFORD STANDARD DETAILS (INCLUDED)

FIRE HYDRANT COMPLETE	THRUST BLOCK INSTALLATIONS	OFFSET FIRE HYDRANT COMPLETE WITH ELL
WATER MANHOLE CASTING DETAIL	VALVE & VALVE BOX DETAIL	VALVE & VAULT DETAIL
TRENCH BACKFILL DETAIL		

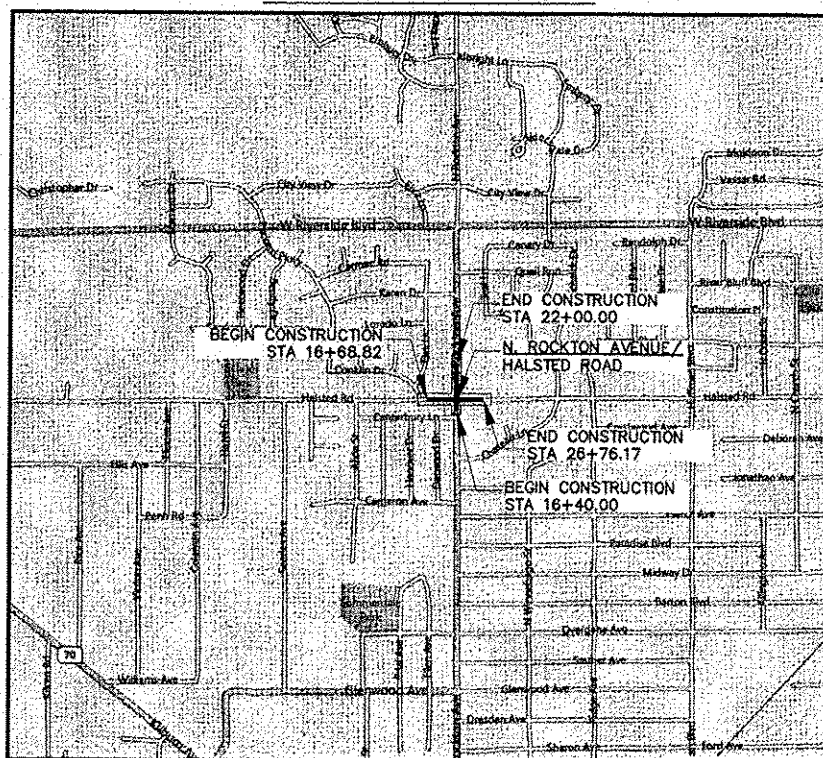
ROCK RIVER WATER RECLAMATION DISTRICT STANDARD DETAILS (INCLUDED)

ROCK RIVER WATER RECLAMATION DISTRICT DETAILS



811 or  
1-800-892-0123  
TOLL FREE

COMMITMENTS - NONE



ROCKTON / HALSTED

FUNCTIONAL CLASSIFICATION:  
ROCKTON AVENUE: MINOR ARTERIAL  
HALSTED ROAD: URBAN COLLECTOR

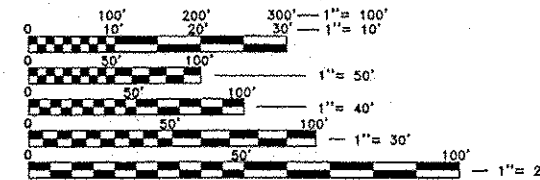
2013 AADT:  
ROCKTON AVENUE: 10,400  
HALSTED ROAD: 3900  
2% TRUCKS

ROCKFORD TOWNSHIP 44N, RANGE 1E,  
SECTIONS 2,3,10,11 3RD P.M.  
WINNEBAGO COUNTY

PROJECT LENGTH:  
1567 FEET ≈ 0.30 MILES

SCALES:

SIGNAL PLANS:	1" = 10'
ADA RAMP DETAILS:	1" = 10'
ELEVATION PLAN:	1" = 10'
ROADWAY PLAN:	1" = 20'
STRIPING AND SIGNING PLAN:	1" = 20'
EROSION CONTROL PLAN:	1" = 20'
CROSS SECTIONS:	1" = 10' H 1" = 5' V



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.

AGENCY RESPONSIBLE FOR LETTING	
APPROVED	<i>[Signature]</i> City Engineer Local Agency, Position
PASSED	<u>FEB 13, 2015</u> <i>[Signature]</i> District 2 Engineer of Local Roads & Streets
RELEASING FOR BID BASED ON LIMITED REVIEW	<u>FEB 13, 2015</u> <i>[Signature]</i> Deputy Director of Highways, Region 2 Engineer
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS	



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Illinois.

Signature: *[Signature]*  
BRADLEY S. LANGE, P.E.

Date: February 11, 2015 Reg No.: 062-055472  
(Month, Day, Year)

My registration renewal date is November 30, 2015.

SHEET REVIEW	AGENCY		DATE		NO.	REVISIONS		DATE	PLOT SCALE: 1:1	PLOT DATE: 2/11/2015	DRAWN BY: BSL	CHECKED BY: KRL	SUBMITTAL DATE: 11/9/2014	McClure Engineering Associates, Inc. Rockford, Illinois 61107-5437 (815) 398-2000 FAX (815) 398-2498 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.	COVER ROCKTON-HALSTED HSIP IMPROVEMENTS N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 COVER.DWG NEA1 JOB: 04-26-11-048	SHEET NO. 1 OF 34

# GENERAL NOTES

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PA	12-00592-00-SP	VINCENNES	34
PROJECT NO.	ILLINOIS PROJECT: HSP-5099 (109)		

## GENERAL

- IN THE FOLLOWING, THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE REFERRED TO AS IDOT.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" PREPARED BY IDOT, ADOPTED JANUARY 1, 2012, AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" PREPARED BY IDOT, ADOPTED JANUARY 1, 2015. ALL SEWER AND WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", SIXTH EDITION. ALL WORK ON THE ROCK RIVER WATER RECLAMATION DISTRICT'S FACILITIES SHALL BE IN ACCORDANCE WITH THE RRWRD'S GENERAL PROVISIONS AND TECHNICAL SPECIFICATIONS FOR SANITARY SEWER CONSTRUCTION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), AS IT RELATES TO HIS OPERATIONS, CURRENT REVISION.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE AND LOCAL REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED DURING NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AS WELL AS ADJOINING RESIDENTIAL AREAS.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT REDUCED SIZE PLANS. DO NOT SCALE REDUCED SIZE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE IDOT STANDARD DRAWINGS LISTED ON THE COVER SHEET ARE INTENDED TO BE THE LATEST REVISIONS AND SHALL TAKE PRECEDENCE OVER EARLIER DRAWINGS THAT MAY BE REFERRED TO ELSEWHERE IN THE PLANS OR SPECIAL PROVISIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS CONSTRUCTION OPERATIONS WITH THE ADJACENT FIRE STATION NO. 9, OTHER CONSTRUCTION, UTILITY, AND/OR MAINTENANCE OPERATIONS WITHIN OR ADJACENT TO THE PROJECT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DISTURBED OR DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER. PROPERTY MARKERS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING KNOWN PROPERTY LINES, OR SURVEY MARKERS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLAN QUANTITIES.
- THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING STREET NAME SIGNS WHICH ARE TO BE RELOCATED IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS. THE PLACEMENT OF ADDITIONAL SIGNING SHALL BE THE RESPONSIBILITY OF THE CITY OF ROCKFORD, OR THEIR APPROVED REPRESENTATIVES.
- ANY PRIVATE OR COMMERCIAL SIGNS WHICH NEED TO BE REMOVED FOR CONSTRUCTION PURPOSES SHALL BE HANDLED AS FOLLOWS:  
  
WITHIN THE EXISTING RIGHT-OF-WAY, SIGNS SHALL BE REMOVED OR REMOVED AND REPLACED AS DIRECTED BY THE PLANS. PAYMENT FOR ALL MATERIALS AND LABOR REQUIRED FOR THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## GENERAL, CONT.

- ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE; MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF THE ITEM BEING CONSTRUCTED.
- ALL MATERIALS SHALL MEET OR EXCEED IDOT STANDARDS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF ROCKFORD, PROPERTY OWNERS, THE ENGINEER, AND ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION OR CHANGE IN CLOSURES OR DETOURS.
- ALL RADII AND DIMENSIONS ARE REFERENCED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- NO WORK SHALL BE PERFORMED BEYOND THE PROJECT LIMITS WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE PROPERTY OWNER AND ENGINEER.
- CONSTRUCTION STAKING AND INSPECTION SHALL BE THE RESPONSIBILITY OF THE OWNER. CONSTRUCTION STAKES SHALL BE REQUESTED A MINIMUM OF 48 HOURS IN ADVANCE. ANY RESTAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

## TRAFFIC CONTROL

- ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNER FOR SHORT-TERM CLOSURES. A COPY OF SAID ARRANGEMENT MUST BE GIVEN TO THE ENGINEER.
- THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, HE WILL ADJUST ANY TRAFFIC CONTROL AND PROTECTION/MAINTENANCE OF TRAFFIC DEVICES REQUIRED FOR HIS OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS BUT SHALL CONTINUE TO PROVIDE PROTECTION FOR TRAFFIC.
- ANY DROP-OFF GREATER THAN 1 1/2 INCHES ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH BARRICADES, AND SHALL BE INCLUDED IN THE UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.
- TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
- DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE.

## TOPSOIL & SEEDING

- DISTURBED AREAS ARE LOCATIONS WHERE THE CONTRACTOR'S OPERATIONS HAVE DAMAGED EXISTING GROUND COVER AND/OR TOPSOIL OUTSIDE OF THE LIMITS OF CONSTRUCTION AS SHOWN IN THE PLANS. SEEDING OF THESE DISTURBED AREAS IS INCLUDED IN THE PARKWAY RESTORATION PAY ITEM AND NO ADDITIONAL COMPENSATION IS ALLOWED.
- MODIFY SECTION 250.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION TO INCLUDE THE CONTRACTOR GUARANTEE A 75 PERCENT UNIFORM GROWTH OVER THE ENTIRE SEEDING AREA(S) AFTER ONE GROWING SEASON, WITH NO EXCEPTION TO THE TIMING OF THE SEEDING. AFTER ONE GROWING SEASON, AREAS NOT SUSTAINING A 75 PERCENT UNIFORM GROWTH SHALL BE INTERSEEDED OR RESEEDED, AS DETERMINED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE CONTRACT.

## REMOVAL / EXCAVATION / EARTHWORK

- EXISTING STRUCTURES (INCLUDING FOUNDATIONS, WALLS, CISTERNS, OR OTHER UNDERGROUND STRUCTURES) WITHIN THE RIGHT OF WAY SHALL BE REMOVED IN ACCORDANCE WITH SECTION 501 OF THE STANDARD SPECIFICATIONS, WITHOUT ADDITIONAL COMPENSATION, UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.
- UNDERGROUND TANKS OR SEPTIC TANKS WITHIN THE RIGHT-OF-WAY WHICH HAVE NOT BEEN REMOVED AND WILL NOT INTERFERE WITH CONSTRUCTION SHALL BE FILLED WITH FREE-FLOWING SAND AT THE DIRECTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 109.04 OF THE STANDARD SPECIFICATIONS.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO SECTION 202 AND 440 OF THE IDOT STANDARD SPECIFICATIONS. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAWCUT TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. THE COST OF SAW CUTTING SHALL BE INCLUDED IN THE UNIT PRICE OF THE ITEM BEING REMOVED. ADDITIONAL SAW CUTTING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- EXCESS EXCAVATED MATERIAL, PAVEMENT REMOVAL, AND ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- CLEARING SHALL BE DONE IN ACCORDANCE WITH SECTION 201 OF THE STANDARD SPECIFICATIONS AND SHALL NOT BE MEASURED FOR PAYMENT.

## ROADWAY ITEMS

- PROTECTIVE COAT SHALL BE APPLIED TO ALL CONCRETE SURFACES AND APPURTENANCES PER ARTICLE 420.18 OF THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE COST OF THE PROTECTIVE COAT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE TO WHICH IT IS APPLIED.
- PREFORMED FIBER EXPANSION JOINTS WHERE REQUIRED SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR WHICH IT IS APPLIED (CURB & GUTTER, DRIVEWAYS, ETC.)
- PREVIOUSLY PUGMILLED STOCKPILES OF "TYPE A" AGGREGATE OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL A MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.
- AGGREGATE BASE COURSE TYPE B, SHALL BE USED FOR TEMPORARY ACCESS TO ENTRANCES AND ALLEYS WHILE THE PROPOSED PAVEMENT IS UNDER CONSTRUCTION AND SHALL BE USED AS DIRECTED BY THE ENGINEER. THIS AGGREGATE SHALL NOT BE REUSED WITH THE AGGREGATE BASE COURSE BUT IS INCLUDED IN THE CONTRACT UNIT BID PRICE FOR AGGREGATE BASE COURSE TYPE B 4".
- TRENCH BACKFILL HAS BEEN CALCULATED USING THE CITY OF ROCKFORD TRENCH BACKFILL DETAIL.

## UTILITY CONTACTS

### GAS:

NICOR  
MS. CONSTANCE LANE - UTILITY COORDINATOR  
1844 FERRY ROAD  
NAPERVILLE, ILLINOIS 60563-9600  
(630) 388-3830

### ELECTRIC:

COMED  
MS. NORA FERNANDEZ  
123 ENERGY AVENUE  
ROCKFORD, ILLINOIS 61109  
(815) 490-2335

### TELEPHONE:

AT&T LOCAL  
MR. DAVID SAINT-GERMAIN  
2404 8TH AVENUE  
ROCKFORD, ILLINOIS 61108  
(815) 394-7297

### CABLE TELEVISION:

COMCAST  
MS. DONNA ZIES  
4450 KISHWAUKEE STREET  
ROCKFORD, ILLINOIS 61109  
(815) 509-8653

### SANITARY SEWER:

ROCK RIVER WATER RECLAMATION DISTRICT  
MR. DANA CARROLL, P.E.  
P.O. BOX 7480  
3501 KISHWAUKEE STREET  
ROCKFORD, ILLINOIS 61126  
(815) 387-7660

### WATER:

CITY OF ROCKFORD - WATER DEPARTMENT  
MR. GREG CASSARO  
425 EAST STATE STREET  
ROCKFORD, ILLINOIS 61104  
(815) 987-5570

### DISPOSAL SERVICES:

ROCK RIVER DISPOSAL  
MR. ROCCO GUGLIEMETTI  
4002 SOUTH MAIN STREET  
ROCKFORD, ILLINOIS 61102  
(815) 965-2489

### ROADWAY - TRANSPORTATION:

CITY OF ROCKFORD - PUBLIC WORKS  
MR. JEREMY CARTER, P.E.  
425 EAST STATE STREET  
ROCKFORD, ILLINOIS 61104  
(815) 987-5570

## UTILITIES

- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO ARTICLE 202.03 OF THE IDOT STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT BID PRICE FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR IMPLIED. THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH, NUMBER AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THIS WORK SHALL BE AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 811 OR 1-800-892-0123 48 HOURS PRIOR TO CONSTRUCTION FOR CONFIRMATION OF CURRENT UTILITY LOCATIONS AND FOR ALL NON-EMERGENCY WORK. UTILITIES WHICH ARE NOT MEMBERS OF J.U.L.I.E. SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR.
- ALL EXISTING CONDUITS WHICH WILL BE ABANDONED AND LEFT IN PLACE SHALL BE PLUGGED AT ALL OPEN ENDS WITH CONCRETE OR OTHER APPROVED MEANS. THE COST WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR THE ITEM BEING REMOVED OR ABANDONED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE VARIOUS UNIT PRICES FOR THE ITEMS BEING CONSTRUCTED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- STATIONS AND OFFSETS FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE'S FRAME.
- NEW MANHOLE AND INLET LIDS ON THIS PROJECT SHALL HAVE THE WORDS "STORM" OR "SANITARY" ON THE LID. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE APPROPRIATE TYPE OF LID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.
- IF DURING MANHOLE ADJUSTMENTS, THE CONTRACTOR DAMAGES EITHER THE FRAME OR LID, HE SHALL FURNISH A NEW FRAME AND LID, AT NO ADDITIONAL COST. ALL NEW MANHOLES AND INLETS AND THOSE TO BE RECONSTRUCTED SHALL BE CONSTRUCTED WITH NEW FRAMES AND GRATES.
- IF DURING INLET ADJUSTMENTS, THE CONTRACTOR DAMAGES EITHER THE FRAME, CURB BOX OR GRATE, HE SHALL FURNISH A NEW FRAME, GRATE AND CURB BOX, AT NO ADDITIONAL COST.
- IF THE SANITARY MANHOLE CASTING BEING ADJUSTED DOES NOT MEET ROCK RIVER WATER RECLAMATION DISTRICT STANDARDS, THE DISTRICT SUPPORTING SERVICES DEPARTMENT SHOULD BE CONTACTED PRIOR TO THE ADJUSTMENT. THE CONTRACTOR SHALL COORDINATE WITH THE DISTRICT REGARDING THE DELIVERY OF THE REPLACEMENT CASTING.
- ALL SANITARY SEWER MANHOLES ARE TO BE ADJUSTED PER RRWRD STANDARDS. SANITARY MANHOLE ADJUSTMENT BY GROUTING IS NOT PERMITTED. THE CONTRACTOR SHALL ADVISE THE DISTRICT WHEN MANHOLE ADJUSTMENTS ARE TO BE MADE, SO THE DISTRICT MAY WITNESS THEM, THE METHOD AND AMOUNT OF ADJUSTMENT SHOULD BE NOTED ON THE PLANS. DISTRICT SPECIFICATIONS REQUIRE:
  - A MINIMUM OF 4" OF ADJUSTING RINGS (4" ADJUSTMENT RING NOT REQUIRED IN TURF AREA OR CURB AND GUTTER ROADWAYS)
  - MAXIMUM OF 12" ADJUSTING RINGS.
  - NO MORE THAN ONE (1) 2" ADJUSTING RING PER MANHOLE.
  - A MAXIMUM OF 30" FROM THE TOP OF CASTING TO THE FIRST STEP.
- THE COST OF MAKING CONNECTIONS TO EXISTING STORM SEWER PIPES OR STRUCTURES SHALL BE INCLUDED IN THE VARIOUS STORM SEWER ITEMS.

## ROCKFORD FIRE DEPARTMENT

STATION NO. 9:  
STATION CHIEF: CAPTAIN TIM O'KEEFE  
2416 HALSTED ROAD  
ROCKFORD, ILLINOIS 61103  
(815) 987-5645

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/6/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/17/2014

**McClure**  
Engineering Associates, Inc.  
7282 Argus Drive  
Rockford, Illinois 61107-5837  
(815) 398-2332 FAX (815) 398-2486  
Design Firm License: Illinois 184-000816  
Copyright 2014 By McClure Engineering Associates, Inc.

GENERAL NOTES	
ROCKTON-HALSTED HSP IMPROVEMENTS	
N. ROCKTON AVENUE / HALSTED ROAD	ROCKFORD, ILLINOIS
FILE: H:\11-048 ROCKTON-HALSTED HSP\DESIGN\DRAWINGS\11-048 GENERAL NOTES.DWG	MEAL JOB 04-26-11-048

SHEET NO.	2
OF	34

# SUMMARY OF QUANTITIES

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-SP	VANDERBILT	34	3
PROJECT: HSIP-5099 (109)		CONTRACT NO. 1505	

SP	CODE NO.	PAY ITEM	UNIT	Q005	Q021	TOTAL
*	20200100	EARTH EXCAVATION	CU YD	306		306
*	20800150	TRENCH BACKFILL	CU YD	6		6
	28000400	PERIMETER EROSION BARRIER	FOOT	355		355
	28000500	INLET AND PIPE PROTECTION	EACH	16		16
*	35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	281		281
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5,600		5,600
*	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	115		115
*	40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	705		705
*	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2,088		2,088
	42400800	DETECTABLE WARNINGS	SQ FT	77		77
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	8,105		8,105
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	374		374
	44000600	SIDEWALK REMOVAL	SQ FT	1,615		1,615
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	519		519
*	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	21		21
*	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	8		8
*	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	14		14
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2
	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	8		8
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3		3
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	2		2
	60500060	REMOVING INLETS	EACH	4		4
*	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	345		345
	67100100	MOBILIZATION	L SUM	1		1
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO		1	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,701		4,701
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,816		1,816
	72000100	SIGN PANEL - TYPE 1	SQ FT		6	6
Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	238.2		238.2
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3,881		3,881
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	771		771
Δ	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	552		552
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	191		191
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	149		149
Δ	80500100	ELECTRIC SERVICE INSTALLATION, TYPE A	EACH		1	1
Δ	81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT		116	116
Δ	81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT		316	316
Δ	81400100	HANDHOLE	EACH		5	5
Δ	81400300	DOUBLE HANDHOLE	EACH		1	1
Δ	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT		1,381	1,381
Δ	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH		1	1

SP	CODE NO.	PAY ITEM	UNIT	Q005	Q021	TOTAL
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT		2,139	2,139
Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT		1,326	1,326
Δ	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT		1,875	1,875
Δ	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT		1,575	1,575
Δ	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT		22	22
Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT		1,264	1,264
Δ	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH		3	3
Δ	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH		2	2
Δ	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH		1	1
Δ	87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH		1	1
Δ	87800100	CONCRETE FOUNDATION, TYPE A	FOOT		9.3	9.3
Δ	87800200	CONCRETE FOUNDATION, TYPE D	FOOT		3.5	3.5
Δ	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT		54	54
Δ	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH		4	4
Δ	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH		5	5
Δ	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH		4	4
Δ	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH		4	4
Δ	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH		6	6
Δ	88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH		1	1
Δ	88200100	TRAFFIC SIGNAL BACKPLATE	EACH		9	9
Δ	88800100	PEDESTRIAN PUSH-BUTTON	EACH		8	8
Δ	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH		1	1
Δ	89502380	REMOVE EXISTING HANDHOLE	EACH		2	2
Δ	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH		5	5
Δ	X0325340	FIRE HYDRANT WITH 8" VALVE AND VALVE BOX	EACH	1		1
Δ	X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH		1	1
Δ	X0327078	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY	EACH	1		1
*	X4402805	ISLAND REMOVAL	SQ FT	450.7		450.7
*	X6024240	INLETS, SPECIAL	EACH	3		3
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5		5
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1
Δ	X8210677	LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 400 WATT, SPECIAL	EACH		4	4
*	X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH		1	1
Δ	X8950305	REMOVE EXISTING SIGNAL HEAD	EACH		12	12
Δ	X8950307	REMOVE EXISTING PEDESTRIAN SIGNAL HEAD	EACH		8	8
*	XX000970	PARKWAY RESTORATION	L SUM	1		1
Δ	XX003163	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH		1	1
*	XX003167	STREET NAME SIGN MAST ARM MOUNTED (INSTALL ONLY)	EACH		4	4
*	XX007325	REMOVE EXISTING TRAFFIC SIGNAL POST	EACH		4	4

\* SPECIAL PROVISION

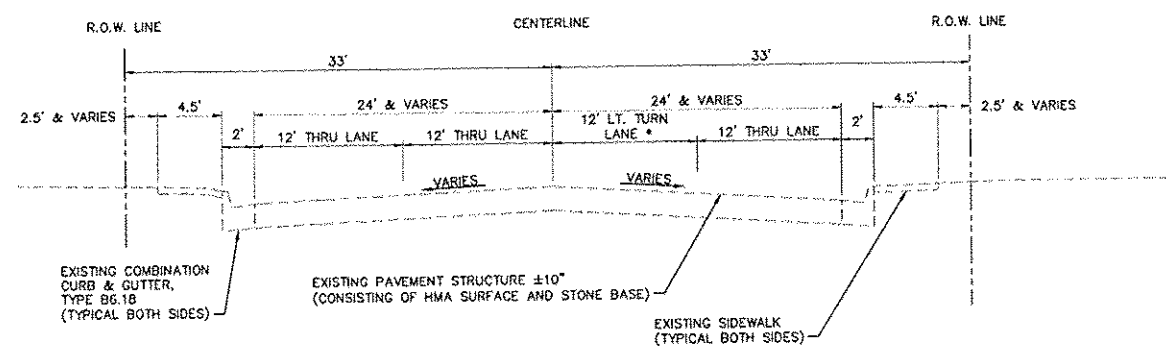
Δ SPECIALTY ITEMS

R:\11-048 Rockton-Halsted HSIP\DESIGN\DRAWINGS\11-048 Summary.dwg, SUMMARY OF QUANTITIES, 1/23/2015 5:21:48 PM

	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2">SHEET REVIEW</th></tr> <tr><th>AGENCY</th><th>DATE</th></tr> <tr><td> </td><td> </td></tr> </table>	SHEET REVIEW		AGENCY	DATE			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th colspan="3">REVISIONS</th></tr> <tr><th>NO.</th><th>ITEM</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	REVISIONS			NO.	ITEM	DATE				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PLOT SCALE:</td><td>1:1</td></tr> <tr><td>PLOT DATE:</td><td>1/23/2015</td></tr> <tr><td>DRAWN BY:</td><td>BSL</td></tr> <tr><td>CHECKED BY:</td><td>KRL</td></tr> <tr><td>SUBMITTAL DATE:</td><td>11/8/2014</td></tr> </table>	PLOT SCALE:	1:1	PLOT DATE:	1/23/2015	DRAWN BY:	BSL	CHECKED BY:	KRL	SUBMITTAL DATE:	11/8/2014	<p style="font-size: small; margin: 0;">7282 Arqua Drive Rockford, Illinois 61107-5837 (815) 398-2332 FAX (815) 398-2496 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.</p>	<p><b>SUMMARY OF QUANTITIES</b> ROCKTON-HALSTED HSIP IMPROVEMENTS</p> <p style="font-size: x-small;">N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS</p> <p style="font-size: x-small;">FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 SUMMARY.DWG MEAI JOB: 04-26-11-048</p>	<p>SHEET NO. <b>3</b> OF <b>34</b></p>
SHEET REVIEW																															
AGENCY	DATE																														
REVISIONS																															
NO.	ITEM	DATE																													
PLOT SCALE:	1:1																														
PLOT DATE:	1/23/2015																														
DRAWN BY:	BSL																														
CHECKED BY:	KRL																														
SUBMITTAL DATE:	11/8/2014																														

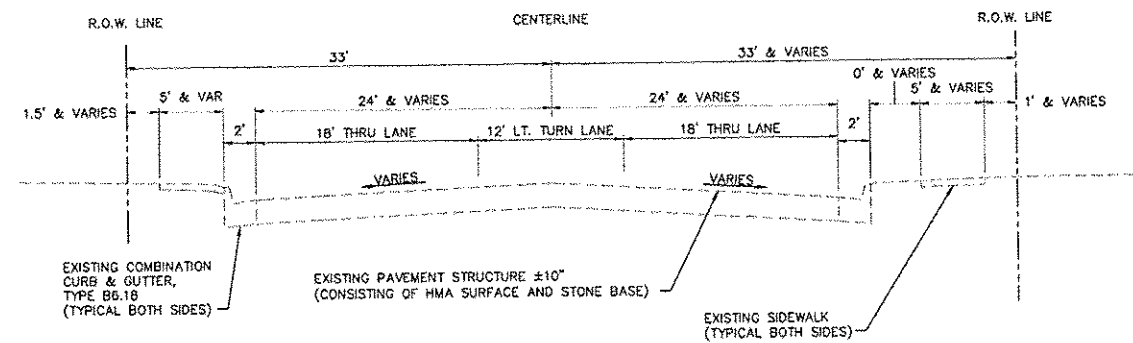
# TYPICAL SECTIONS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00592-00-SP	VINNEBAGO	36	4
F.H.V.A. REG. ILLINOIS PROJECT: HSIP-5099 (109)		CONTRACT NO. 5565	



**EXISTING TYPICAL SECTION - N. ROCKTON AVENUE**

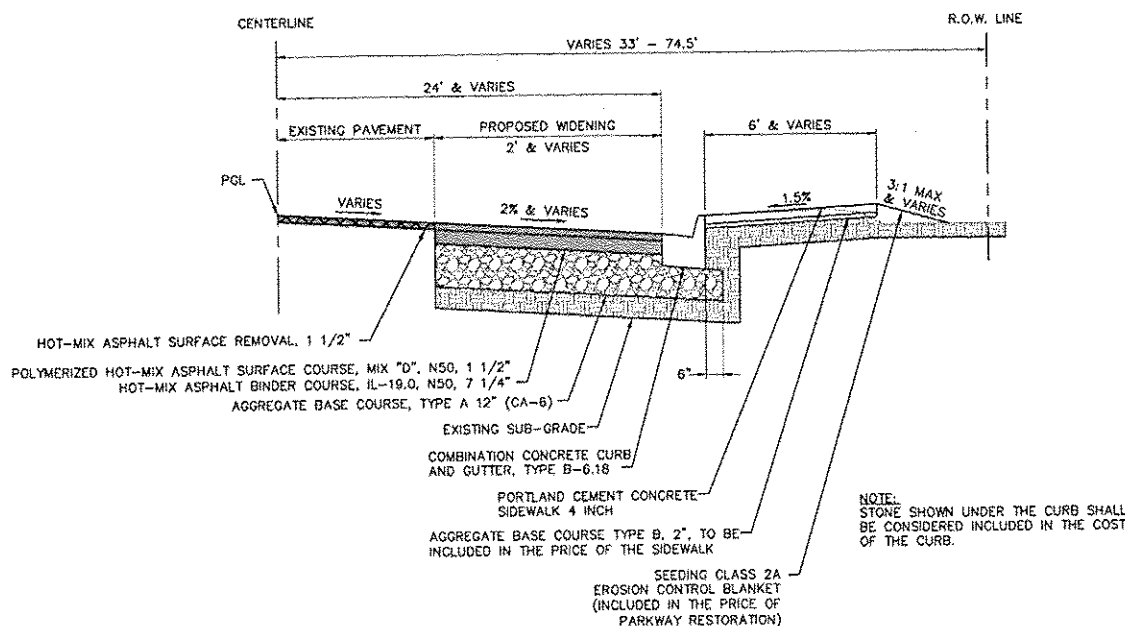
STA 16+40.00 - 22+00.00  
 • SOUTH LEG - LT TURN ONLY  
 • NORTH LEG - LT TURN/THRU LANE



**EXISTING TYPICAL SECTION - HALSTED ROAD**

STA 16+68.82 - 26+76.17

NOTE:  
 NO SIDEWALK EXISTS ALONG THE NORTH SIDE OF HALSTED ROAD, EAST OF THE INTERSECTION WITH N. ROCKTON AVENUE.



**PROPOSED TYPICAL SECTION - WIDENING**

NE QUADRANT ROCKTON • HALSTED LOOKING NORTH  
 NW QUADRANT ROCKTON • HALSTED LOOKING SOUTH

**STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT**

N. ROCKTON AVENUE STA. 16+40.00 - 22+00.00	HALSTED ROAD STA. 16+68.82 - 26+76.17
N. ROCKTON AVENUE & HALSTED ROAD - CLASS I ROAD AND STREET	
WILL USE N. ROCKTON AVENUE TRAFFIC AS IT HAS THE HIGHER VOLUMES	
STRUCTURAL DESIGN TRAFFIC: PV= 12,074	YEAR: 2025 SU= 123 MU= 123
PERCENT OF STRUCTURAL TRAFFIC IN DESIGN LANE: P= 98% SU= 1% MU= 1%	
TRAFFIC FACTOR: ACTUAL TF= 0.69 MINIMUM TF= 0.25	
AC TYPE=20 AC MIXTURE TEMPERATURE=76.5'	
AC MIXTURE MODULUS= 638 KSI DESIGN STRAIN= 120 MICROSTRAIN	
PG GRADE: BINDER= PG 64-22 SURFACE= SBS 70-28	
FULL DEPTH FLEXIBLE PAVEMENT THICKNESS= 20.75" AGGREGATE=12" AGGREGATE BASE COURSE TYPE A BINDER= 7.25" HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50 SURFACE=1.5" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50	
WEIGHT OF MATERIAL: SURFACE COURSE = 115 LBS/IN <sup>2</sup> SY BINDER COURSE = 112 LBS/IN <sup>2</sup> SY	
SUB GRADE SUPPORT RATING: POOR	

<p>SHEET REVIEW</p> <table border="1"> <tr><th>AGENCY</th><th>DATE</th></tr> <tr><td> </td><td> </td></tr> </table>	AGENCY	DATE			<p>REVISIONS</p> <table border="1"> <tr><th>NO.</th><th>ITEM</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	NO.	ITEM	DATE				<p>PLOT SCALE: 1:1                  PLOT DATE: 2/11/2015                  DRAWN BY: BSE                  CHECKED BY: KRL                  SUBMITTAL DATE: 11/5/2014</p>	<p>7282 Arroyo Drive                  (615) 398-2332                  Rockford, Illinois 61107-5837                  FAX (815) 398-2496                  Design Firm License: Illinois 184-005816                  Copyright 2014 By McClure Engineering Associates, Inc.</p>	<p><b>TYPICAL SECTIONS</b>                  ROCKTON-HALSTED HSIP IMPROVEMENTS                  N. ROCKTON AVENUE / HALSTED ROAD                  ROCKFORD, ILLINOIS                  FILE: H-VI-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\VI-048 GENERAL NOTES.DWG                  MEAI JOB: 04-26-11-048</p>	<p>SHEET NO.                  4                  OF                  34</p>
AGENCY	DATE														
NO.	ITEM	DATE													

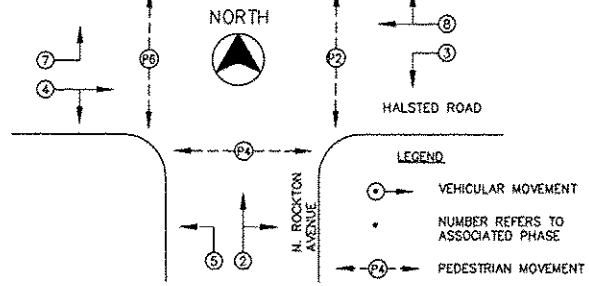
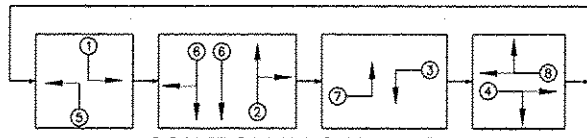


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00592-00-SP	WINNEBAGO	34	5
ILLINOIS PROJECT HSIP-5099 (109)			

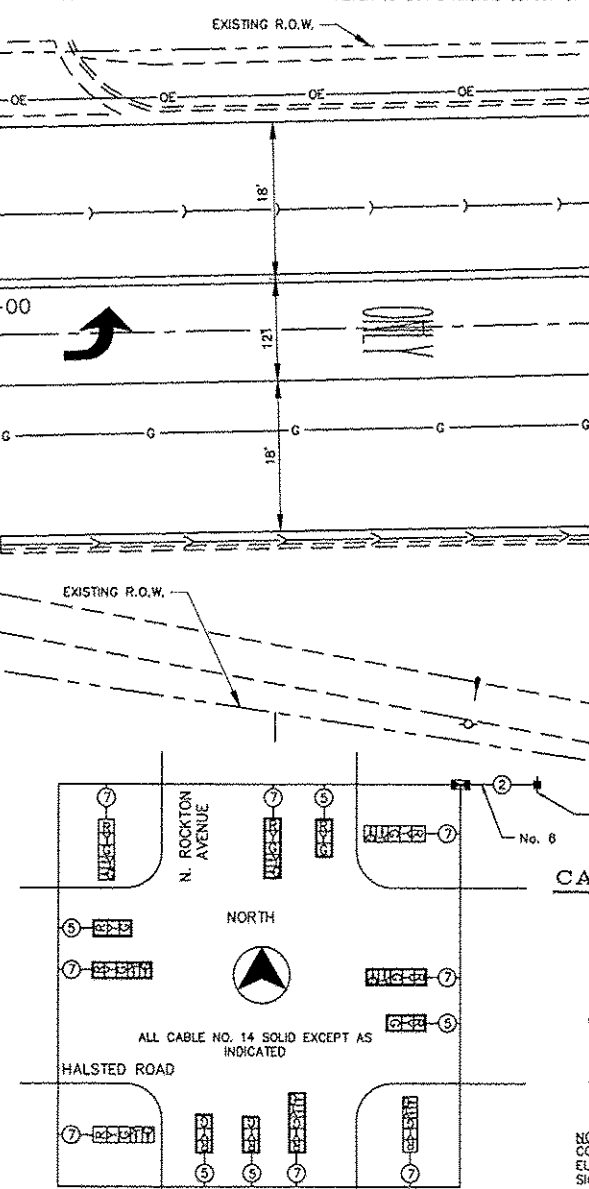
**GENERAL NOTES FOR TEMPORARY TRAFFIC SIGNALS**

- THE CONTRACTOR WILL SUPPLY AND INSTALL ALL TEMPORARY TRAFFIC SIGNAL EQUIPMENT PRIOR TO REMOVING EXISTING SIGNALS. THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM WITH SECTION 890 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE BID PRICE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF THE ELECTRICAL SERVICE TO THE TEMPORARY SIGNALS WITH ComEd AND WILL PROVIDE THE ELECTRICAL CABLE NECESSARY TO FEED THE CONTROLLER.
- THE CONTROLLER USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF SECTION 857 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WITH REGARD TO INTERNAL TIME BASE COORDINATION AND PREEMPTION. THIS TEMPORARY CONTROLLER SHALL BE A FULLY ACTUATED NEMA MICROPROCESSOR BASE INSTALLED IN CABINET WITH 8 PHASE BACK PANEL CAPABLE OF SUPPLYING 255 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS. THE CONTROLLER SHALL BE PROGRAMMED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC SIGNAL SECTIONS SHALL BE 12 INCHES IN DIAMETER. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. EACH TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE THE HEADS TO ANY POSITION ON THE SPAN WIRE AT THE DIRECTION OF THE ENGINEER.

**CONTROLLER SEQUENCE PROPOSED 4-PHASE OPERATION**



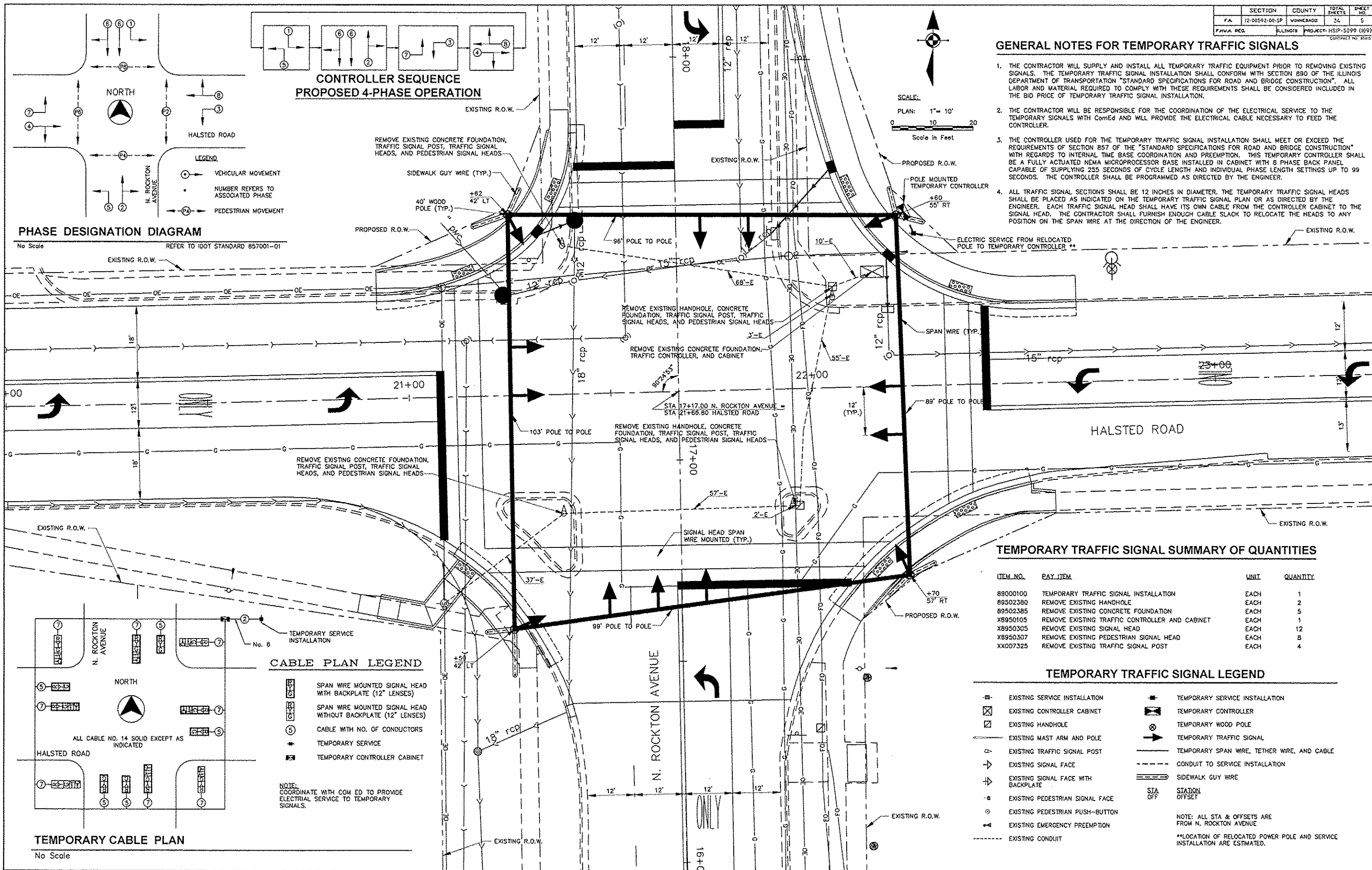
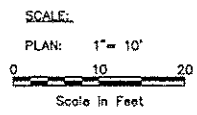
**TEMPORARY CABLE PLAN**  
No Scale



**CABLE PLAN LEGEND**

- SPAN WIRE MOUNTED SIGNAL HEAD WITH BACKPLATE (12" LENSES)
- SPAN WIRE MOUNTED SIGNAL HEAD WITHOUT BACKPLATE (12" LENSES)
- CABLE WITH NO. OF CONDUCTORS
- TEMPORARY SERVICE
- TEMPORARY CONTROLLER CABINET

NOTE: COORDINATE WITH COM ED TO PROVIDE ELECTRICAL SERVICE TO TEMPORARY SIGNALS.



**TEMPORARY TRAFFIC SIGNAL SUMMARY OF QUANTITIES**

ITEM NO.	PAY ITEM	UNIT	QUANTITY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	12
X8950307	REMOVE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	8
XX007325	REMOVE EXISTING TRAFFIC SIGNAL POST	EACH	4

**TEMPORARY TRAFFIC SIGNAL LEGEND**

- EXISTING SERVICE INSTALLATION
- EXISTING CONTROLLER CABINET
- EXISTING HANDHOLE
- EXISTING MAST ARM AND POLE
- EXISTING TRAFFIC SIGNAL POST
- EXISTING SIGNAL FACE
- EXISTING SIGNAL FACE WITH BACKPLATE
- EXISTING PEDESTRIAN SIGNAL FACE
- EXISTING PEDESTRIAN PUSH-BUTTON
- EXISTING EMERGENCY PREEMPTION
- EXISTING CONDUIT
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY CONTROLLER
- TEMPORARY WOOD POLE
- TEMPORARY TRAFFIC SIGNAL
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- CONDUIT TO SERVICE INSTALLATION
- SIDEWALK GUY WIRE
- STATION OFFSET

NOTE: ALL STA & OFFSETS ARE FROM N. ROCKTON AVENUE  
\*\*LOCATION OF RELOCATED POWER POLE AND SERVICE INSTALLATION ARE ESTIMATED.

**SHEET REVIEW**

AGENCY	DATE

**REVISIONS**

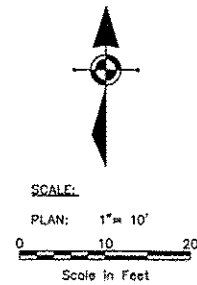
NO.	ITEM	DATE

**PLOT SCALE: 1:1**

PLOT DATE:	11/6/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITAL DATE:	11/7/2014

**McClure**  
Engineering Associates, Inc.  
7282 308th Drive  
Rockford, Illinois 61107-5837  
(815) 398-2332 FAX (815) 396-2436  
Design Firm License: Illinois 184-000916  
Copyright 2014 By McClure Engineering Associates, Inc.

**TEMPORARY SIGNAL PLAN**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H-11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 SIGPLAN-ROCKTON.DWG MEA1 JOB: 04-26-11-048

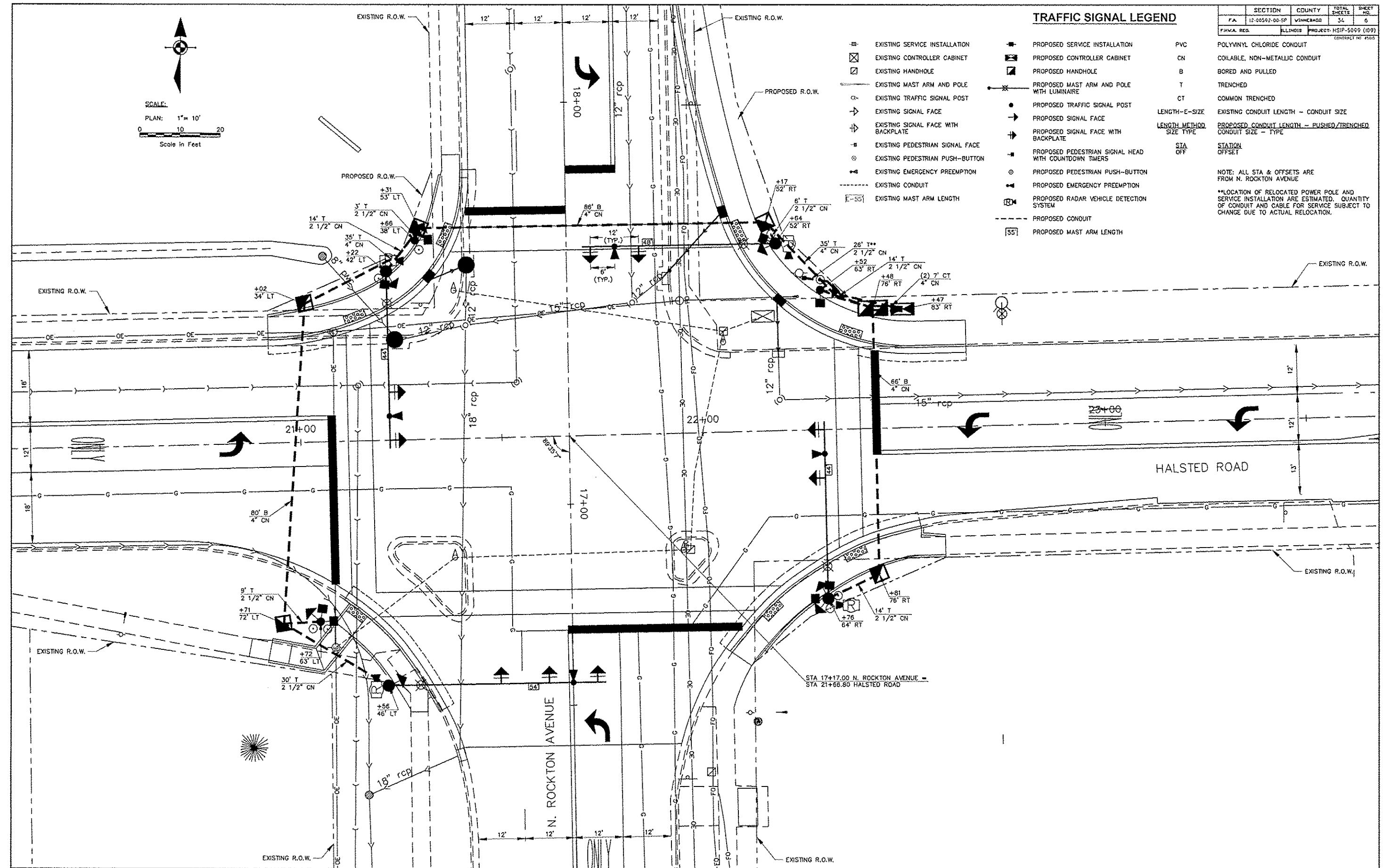


**TRAFFIC SIGNAL LEGEND**

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>— EXISTING SERVICE INSTALLATION</li> <li>⊠ EXISTING CONTROLLER CABINET</li> <li>⊠ EXISTING HANDHOLE</li> <li>— EXISTING MAST ARM AND POLE</li> <li>○ EXISTING TRAFFIC SIGNAL POST</li> <li>→ EXISTING SIGNAL FACE</li> <li>→ EXISTING SIGNAL FACE WITH BACKPLATE</li> <li>— EXISTING PEDESTRIAN SIGNAL FACE</li> <li>○ EXISTING PEDESTRIAN PUSH-BUTTON</li> <li>— EXISTING EMERGENCY PREEMPTION</li> <li>— EXISTING CONDUIT</li> <li>[50] EXISTING MAST ARM LENGTH</li> </ul> | <ul style="list-style-type: none"> <li>— PROPOSED SERVICE INSTALLATION</li> <li>⊠ PROPOSED CONTROLLER CABINET</li> <li>⊠ PROPOSED HANDHOLE</li> <li>— PROPOSED MAST ARM AND POLE WITH LUMINAIRE</li> <li>● PROPOSED TRAFFIC SIGNAL POST</li> <li>→ PROPOSED SIGNAL FACE</li> <li>→ PROPOSED SIGNAL FACE WITH BACKPLATE</li> <li>— PROPOSED PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMERS</li> <li>○ PROPOSED PEDESTRIAN PUSH-BUTTON</li> <li>— PROPOSED EMERGENCY PREEMPTION</li> <li>⊠ PROPOSED RADAR VEHICLE DETECTION SYSTEM</li> <li>--- PROPOSED CONDUIT</li> <li>[55] PROPOSED MAST ARM LENGTH</li> </ul> | <ul style="list-style-type: none"> <li>PVC POLYVINYL CHLORIDE CONDUIT</li> <li>CN COILABLE, NON-METALLIC CONDUIT</li> <li>B BORED AND PULLED</li> <li>T TRENCHED</li> <li>CT COMMON TRENCHED</li> <li>LENGTH-E-SIZE EXISTING CONDUIT LENGTH - CONDUIT SIZE</li> <li>LENGTH METHOD PROPOSED CONDUIT LENGTH - PUSHED/TRENCHED CONDUIT SIZE - TYPE</li> <li>SIA STATION OFFSET</li> </ul> |
|--|--|--|
- NOTE: ALL STA & OFFSETS ARE FROM N. ROCKTON AVENUE  
 \*\*LOCATION OF RELOCATED POWER POLE AND SERVICE INSTALLATION ARE ESTIMATED. QUANTITY OF CONDUIT AND CABLE FOR SERVICE SUBJECT TO CHANGE DUE TO ACTUAL RELOCATION.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00592-00-5P	VIRGEBAGO	36	6

ILLINOIS PROJECT: HSIP-5099 (109)  
 CONTRACT NO. 4500



SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE: 1/1
PLOT DATE: 11/8/2014
DRAWN BY: DSL
CHECKED BY: NTL
SUBMITTAL DATE: 11/7/2014

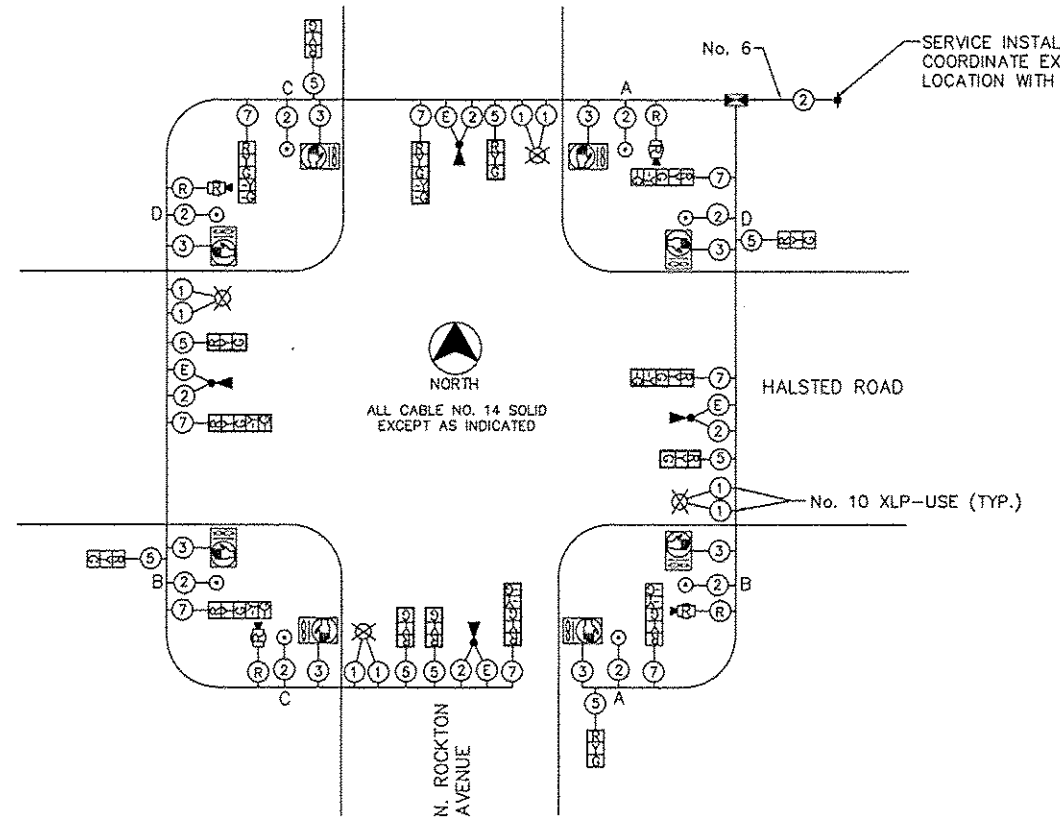
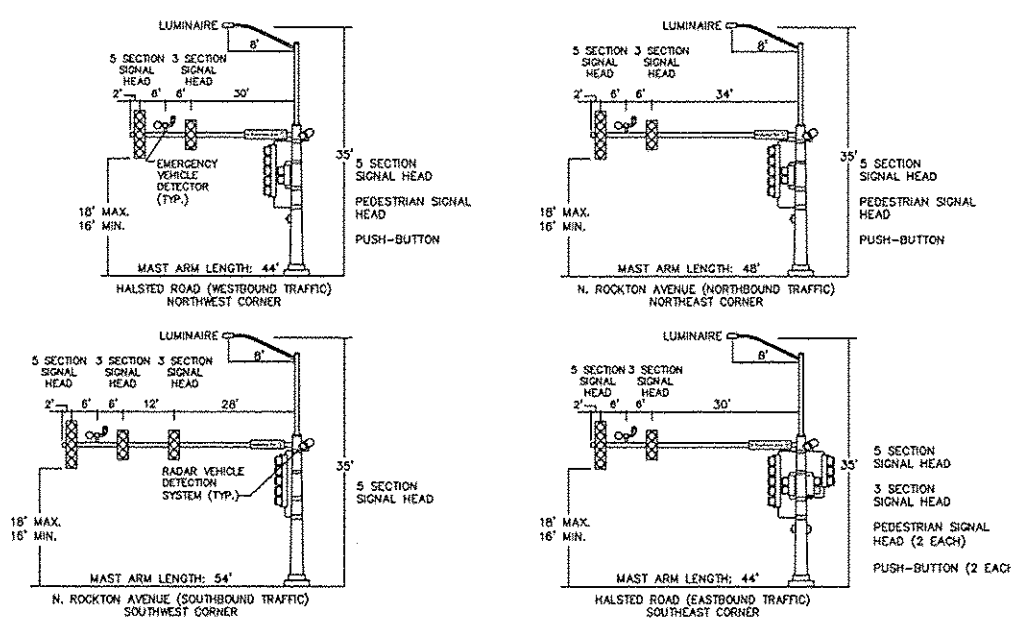
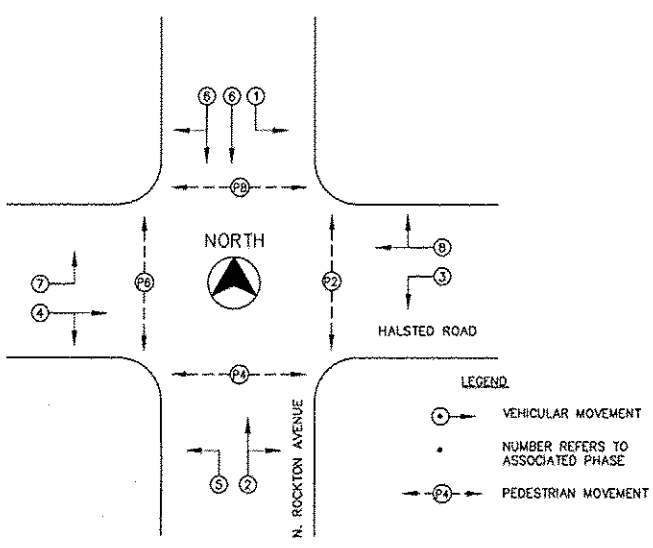
**McClure**  
 Engineering Associates, Inc.  
 7280 Arden Drive, Rockford, Illinois 61107-1837  
 (815) 398-2332 FAX (815) 398-2406  
 Design Firm License: Illinois 184-000816  
 Copyright 2014 By McClure Engineering Associates, Inc.

**SIGNAL PLAN**  
 ROCKTON-HALSTED HSIP IMPROVEMENTS  
 N. ROCKTON AVENUE / HALSTED ROAD  
 ROCKFORD, ILLINOIS  
 FILE: H.MI-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\10-048 SIGPLAN-ROCKTON.DWG MEAI JOB: 04-26-II-048

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.	12-90592-00-SP	VANDERBILT	36
PROJECT	ILLINOIS PROJECT HSIP-5099 (109)		
CONTRACT NO. 7503			

**SUMMARY OF QUANTITIES**

ITEM NO.	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	6
80500100	ELECTRIC SERVICE INSTALLATION, TYPE A	EACH	1
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	109
81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	316
81400100	HANDHOLE	EACH	5
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1381
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2138.5
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1326
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1875
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1575
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	22
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1263.5
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9.3
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	9
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH	1
X8210677	LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 400 WATT, SPECIAL	EACH	4
XX003163	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
XX003167	STREET NAME SIGN MAST ARM MOUNTED (INSTALL ONLY)	EACH	4

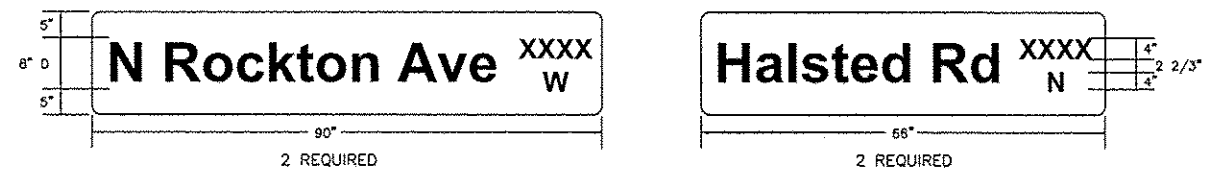


- CABLE PLAN LEGEND**
- SERVICE INSTALLATION
  - CABLE WITH NO. OF CONDUCTORS
  - SIGNAL HEAD WITH BACKPLATE (12" LENSES)
  - SIGNAL HEAD WITHOUT BACKPLATE (12" LENSES)
  - PEDESTRIAN SIGNAL HEAD
  - PEDESTRIAN PUSH-BUTTON
  - CONTROLLER CABINET
  - METAL HALIDE LUMINAIRE (400 WATTS)
  - EMERGENCY VEHICLE PRIORITY SYSTEM DETECTOR UNIT
  - RADAR VEHICLE DETECTION SYSTEM
  - EMERGENCY VEHICLE PRIORITY SYSTEM LEAD-IN CABLE IN CONDUIT (3/C NO. 20)
  - RADAR VEHICLE DETECTION SYSTEM CABLE (INCLUDED IN RADAR VEHICLE DETECTION SYSTEM)

**CONTROLLER SPECIFIED:**  
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET

**THE POSTED SPEED LIMIT ON:**  
N. ROCKTON AVENUE IS 30 MPH  
HALSTED ROAD IS 30 MPH

**PUSH-BUTTON NOTE:**  
BUTTONS "A" CALL PHASE 2  
BUTTONS "B" CALL PHASE 4  
BUTTONS "C" CALL PHASE 6  
BUTTONS "D" CALL PHASE 8



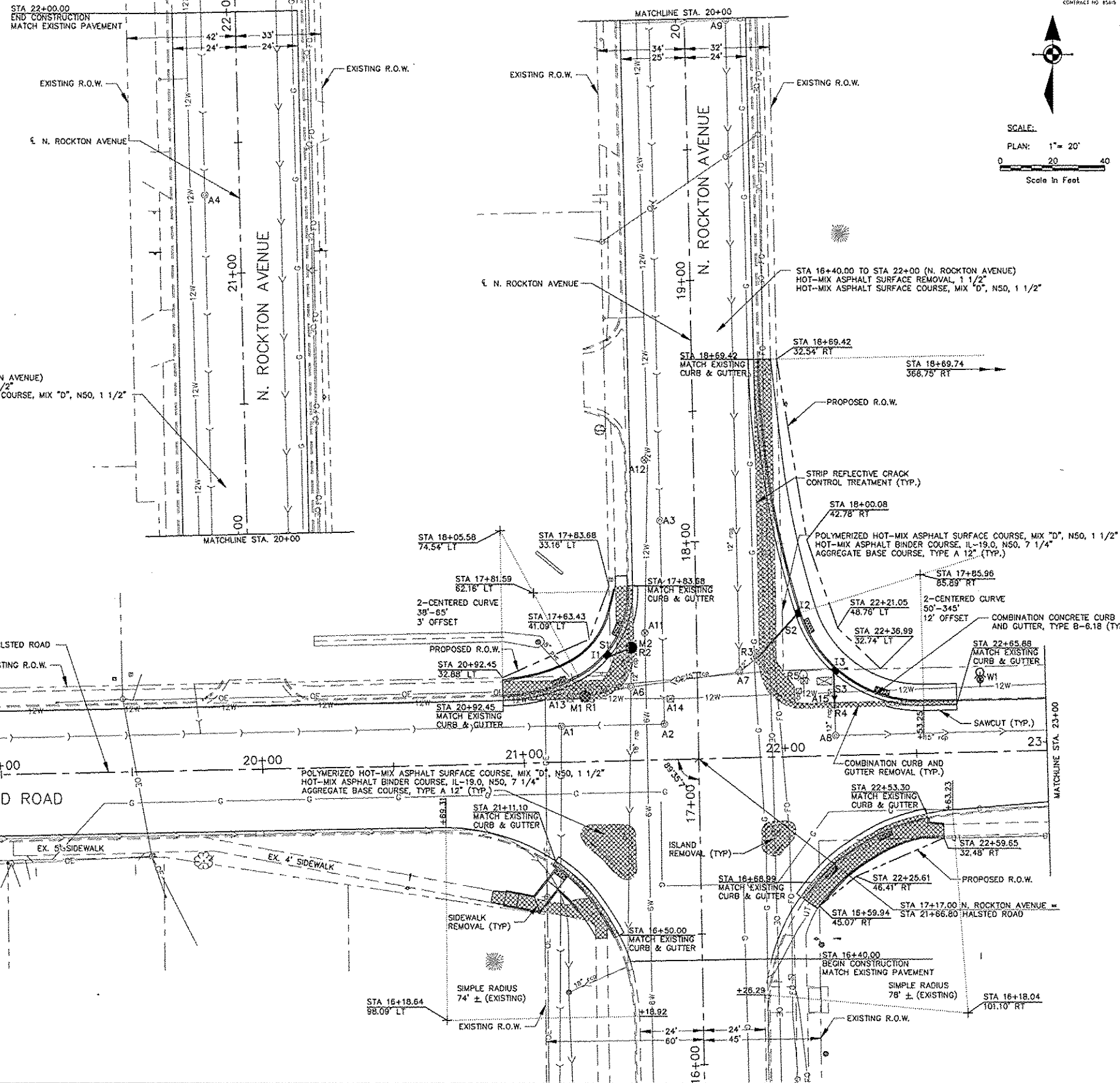
**GENERAL NOTES**

- ALL SIGNING, STRIPING, TRAFFIC SIGNALS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) CURRENT EDITION.
- ALL NEW CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF ROCKFORD AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012.
- ALL MAST ARMS SHALL HAVE A 35' LUMINAIRE MOUNTING HEIGHT. MATERIAL TYPES SHALL BE AS FOLLOWS: SIGNAL POLES SHALL BE GALVANIZED STEEL, MAST ARM ASSEMBLIES SHALL BE STEEL, SIGNAL HEADS AND BRACKET ARMS SHALL BE POLYCARBONATE, BRACKET MOUNTED OR MAST ARM MOUNTED. ALL TRAFFIC SIGNAL EQUIPMENT IS TO BE SPUN ALUMINUM OR GALVANIZED FINISH EXCEPT FOR THE SIGNAL HEADS.
- MAST ARM MOUNTED STREET NAME SIGNS SHALL BE CREATED AS SHOWN AND MOUNTED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS AND AS DIRECTED BY THE CITY TRAFFIC ENGINEER. SIGNS SHALL BE SUPPLIED BY THE CITY OF ROCKFORD AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE MUTCD AND CITY REQUIREMENTS.
- WIRING FOR LUMINAIRE SHALL CONSIST OF TWO 600V (XLP-TYPE USE) 1/C NO. 10 WIRES FROM LUMINAIRE TO POLE HANDHOLE AND TWO 600V (XLP-TYPE USE) 1/C NO. 10 WIRES FROM THE POLE HANDHOLE TO CONTROLLER. THE ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C SHALL RUN FROM FOUNDATION GROUND ROD TO ELECTRIC SERVICE GROUND AND SHALL INCLUDE A GREEN INSULATED JACKET. IN THE CASE THAT THE LUMINAIRE USED IN CONSTRUCTION REQUIRES THE CONTROL WIRE TO CROSS THE BALLAST, THE 600V (XLP-TYPE USE) 1/C NO. 10, WHICH RUNS FROM THE LUMINAIRE TO THE POLE HANDHOLE, SHALL BE REPLACED WITH NO. 12 (THHN) 1/C PER MANUFACTURER'S SPECIFICATIONS.
- EACH PEDESTRIAN PUSH-BUTTON SHALL BE MOUNTED WITH A "PUSH BUTTON FOR GREEN" SIGN, M.U.T.C.D. R10-4 (9" X 12"). BUTTONS MUST BE LOCATED WITHIN 10-INCH HORIZONTAL REACH OF RAMP "TURNING SPACE" AND SHALL BE MOUNTED IN ACCORDANCE WITH SECTION 4E.08 OF THE M.U.T.C.D.
- THE UNIVERSAL GENERATOR TRANSFER SWITCH IS INCLUDED IN THE COST OF THE CONTROLLER CABINET.

F:\11-048 Rockton-Halsted HSIP\DESIGN\DRAWINGS\11-048\_SigPlan-Rockton.dwg SIGNAL DETAIL PLAN, 1/26/2015 11:43:35 AM

<p><b>SHEET REVIEW</b></p> <table border="1"> <tr> <th>AGENCY</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>		AGENCY	DATE			<p><b>REVISIONS</b></p> <table border="1"> <tr> <th>NO.</th> <th>ITEM</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	ITEM	DATE				<p>PLOT SCALE: 1:1 PLOT DATE: 1/26/2015 DRAWN BY: BSL CHECKED BY: KRL SUBMITTAL DATE: 11/3/2014</p>	<p>7282 Argo Drive Rockford, IL 61107-6837 (815) 398-2332 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.</p>	<p><b>SIGNAL DETAIL PLAN</b> ROCKTON-HALSTED HSIP IMPROVEMENTS N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS</p> <p>FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048_SIGPLAN-ROCKTON.DWG MEAT JOB: 04-26-11-04-8</p>	<p>SHEET NO. 7 OF 34</p>
AGENCY	DATE																
NO.	ITEM	DATE															

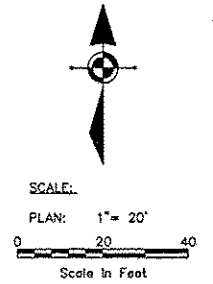
UTILITY WORK ITEMS		
A1 SANITARY MANHOLES TO BE ADJUSTED STA. 21+15, 14' LT	A12 VALVE BOXES TO BE ADJUSTED STA. 18+32, 19' LT	S1 STORM SEWERS, CLASS A, TYPE 2 12", 8 LF @ 1.00%
A2 SANITARY MANHOLES TO BE ADJUSTED STA. 21+54, 14' LT	A13 VALVE VAULTS TO BE ADJUSTED STA. 21+18, 24' LT	S2 STORM SEWERS, CLASS A, TYPE 1 12", 21 LF @ 3.50% CONNECT TO EXISTING STORM SEWER PIPE
A3 SANITARY MANHOLES TO BE ADJUSTED STA. 18+08, 13' LT	A14 VALVE VAULTS TO BE ADJUSTED STA. 17+40, 10' LT	S3 STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12", 14 LF @ 5.00% CONNECT TO EXISTING STORM SEWER PIPE
A4 SANITARY MANHOLES TO BE ADJUSTED STA. 21+30, 13' LT	A15 VALVE VAULTS TO BE ADJUSTED STA. 22+18, 24' LT	I1 INLETS, SPECIAL STA. 17+59, 35' LT TC 748.82 INV 745.89
A5 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 16+78.6, 20.4' LT	A16 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 17+64.1, 21.1' LT	I2 INLETS, SPECIAL STA. 17+72, 40' RT TC 749.07 INV 746.83
A6 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 17+45, 25' LT	A17 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 25+32.2, 8.0' LT	I3 INLETS, SPECIAL STA. 22+21, 33' LT TC 748.43 INV 746.06
A7 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 17+50, 16' RT	A18 SANITARY MANHOLES TO BE ADJUSTED STA. 17+48, 14' LT	M1 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID STA. 21+24, 25' LT RIM 748.66 INV 745.93
A8 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 22+18, 8' LT	R1 REMOVING INLETS STA. 21+24, 25' LT	M2 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID STA. 17+60, 25' LT RIM 748.85 INV 745.51
A9 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 19+99, 16' RT	R2 REMOVING INLETS STA. 17+60, 25' LT	
A10 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 24+48, 8' LT	R3 REMOVING INLETS STA. 17+56, 25' RT	
A11 VALVE BOXES TO BE ADJUSTED STA. 17+66, 20' LT	R4 REMOVING INLETS STA. 22+19, 20' LT	
	R5 REMOVE FIRE HYDRANT AND VALVE ASSEMBLY STA. 22+08, 31' LT	
	W1 FIRE HYDRANT WITH 6" VALVE AND VALVE BOX, STA. 22+75, 31' LT	



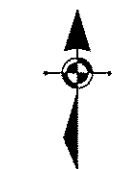
NOTES:  
 1) SEE ADA RAMP DETAILS FOR INFORMATION CONCERNING THE EXISTING OR PROPOSED SIDEWALK.

BENCHMARKS	
DESCRIPTION	ELEVATION
TBM #300: SET CHIS "T" ON SOUTH EDGE LIGHT POLE EAST SIDE SOUTH DRIVEWAY PROPERTY @ NORTHWEST CORNER OF ROCKTON & HALSTED	750.73
TBM #301: SET CUT "X" ON SOUTH BOLT FIRE HYDRANT @ NORTHEAST CORNER OF HALSTED & CONKLIN	753.51

CENTERLINE ALIGNMENT DATA	
<b>N. ROCKTON AVENUE</b>	
PI STA = 11+49.20	
PI STA = 19+32.78	
Δ = 0°-16'-01"	
PI STA = 22+67.50	
<b>HALSTED ROAD</b>	
PI STA = 16+20.51	
PI STA = 20+54.03	
Δ = 0°-15'-35"	
PI STA = 27+01.26	







UTILITY WORK ITEMS					
A1	SANITARY MANHOLES TO BE ADJUSTED STA. 21+15, 14' LT	A12	VALVE BOXES TO BE ADJUSTED STA. 18+32, 19' LT	S1	STORM SEWERS, CLASS A, TYPE 2 12", 8 LF @ 1.00%
A2	SANITARY MANHOLES TO BE ADJUSTED STA. 21+54, 14' LT	A13	VALVE VAULTS TO BE ADJUSTED STA. 21+18, 24' LT	S2	STORM SEWERS, CLASS A, TYPE 1 12", 21 LF @ 3.50%, CONNECT TO EXISTING STORM SEWER PIPE
A3	SANITARY MANHOLES TO BE ADJUSTED STA. 18+08, 13' LT	A14	VALVE VAULTS TO BE ADJUSTED STA. 17+40, 10' LT	S3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12", 14 LF @ 5.00%, CONNECT TO EXISTING STORM SEWER PIPE
A4	SANITARY MANHOLES TO BE ADJUSTED STA. 21+30, 13' LT	A15	VALVE VAULTS TO BE ADJUSTED STA. 22+18, 24' LT	I1	INLETS, SPECIAL STA. 17+59, 35' LT TC 748.82 INV 745.69
A5	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 16+78.6, 20.4' LT	A16	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 17+64.1, 21.1' LT	I2	INLETS, SPECIAL STA. 17+72, 40' RT TC 749.07 INV 746.83
A6	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 17+45, 25' LT	A17	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 25+32.2, 8.0' LT	I3	INLETS, SPECIAL STA. 22+21, 33' LT TC 748.43 INV 746.06
A7	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 17+50, 16' RT	A18	SANITARY MANHOLES TO BE ADJUSTED STA. 17+48, 14' LT	M1	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID STA. 21+24, 25' LT RIM 748.66 INV 745.93
A8	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 22+19, 8' LT	R1	REMOVING INLETS STA. 21+24, 25' LT	M2	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID STA. 17+60, 25' LT RIM 748.85 INV 745.51
A9	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 19+89, 16' RT	R2	REMOVING INLETS STA. 17+60, 25' LT		
A10	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 24+48, 8' LT	R3	REMOVING INLETS STA. 17+56, 25' RT		
A11	VALVE BOXES TO BE ADJUSTED STA. 17+66, 20' LT	R4	REMOVING INLETS STA. 22+19, 20' LT		
		R5	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY STA. 22+08, 31' LT		
		W1	FIRE HYDRANT WITH 6" VALVE AND VALVE BOX, STA. 22+75, 31' LT		

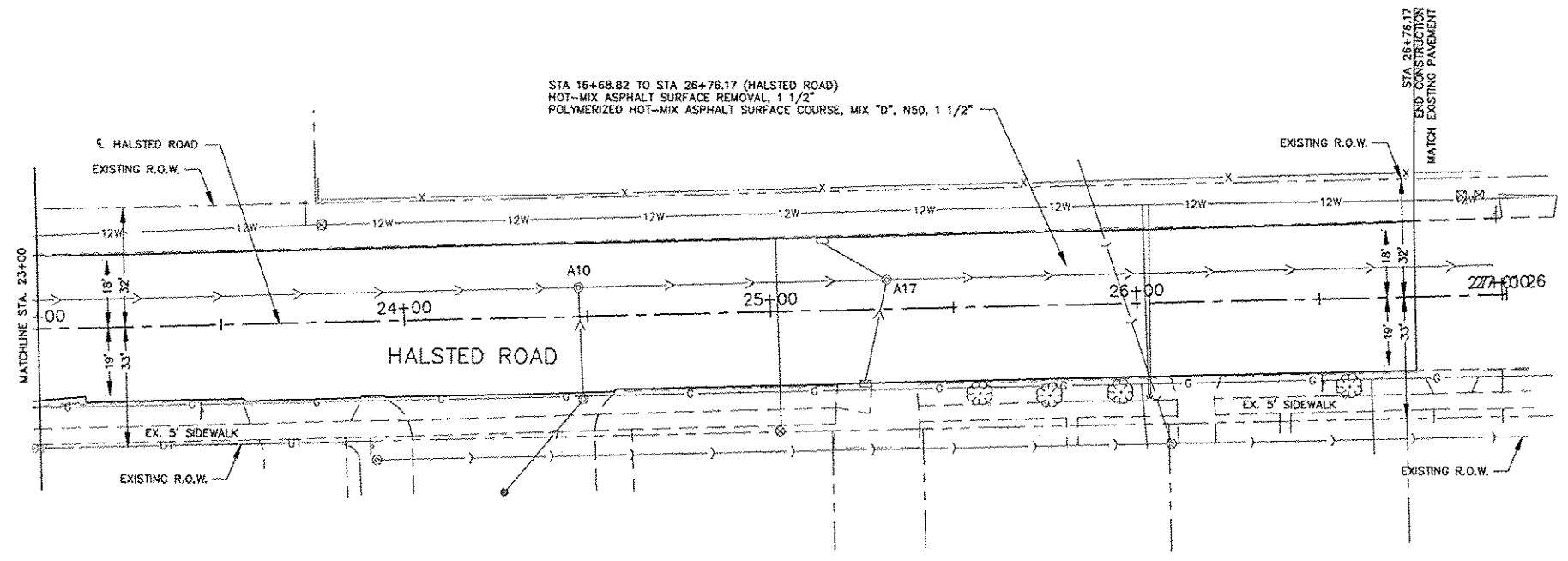
NOTES:  
1) SEE ADA RAMP DETAILS FOR INFORMATION CONCERNING THE EXISTING OR PROPOSED SIDEWALK.

**CENTERLINE ALIGNMENT DATA**

**N. ROCKTON AVENUE**  
 PI STA = 11+49.20  
 PI STA = 19+32.78  
 Δ = 0°-16'-01"  
 PI STA = 22+67.50

**HALSTED ROAD**  
 PI STA = 16+20.51  
 PI STA = 20+54.03  
 Δ = 0°-15'-35"  
 PI STA = 27+01.26

BENCHMARKS	
DESCRIPTION	ELEVATION
TBM #300: SET CHIS "T" ON SOUTH EDGE LIGHT POLE EAST SIDE SOUTH DRIVEWAY PROPERTY @ NORTHWEST CORNER OF ROCKTON & HALSTED	750.73
TBM #301: SET OUT "X" ON SOUTH BOLT FIRE HYDRANT @ NORTHEAST CORNER OF HALSTED & CONKLIN	753.51

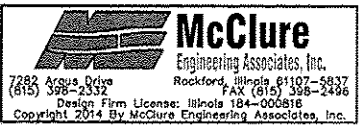


SHEET REVIEW	
AGENCY	DATE

REVISIONS	
NO.	DATE

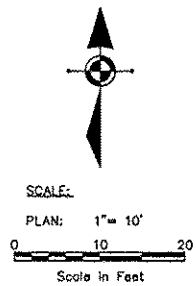
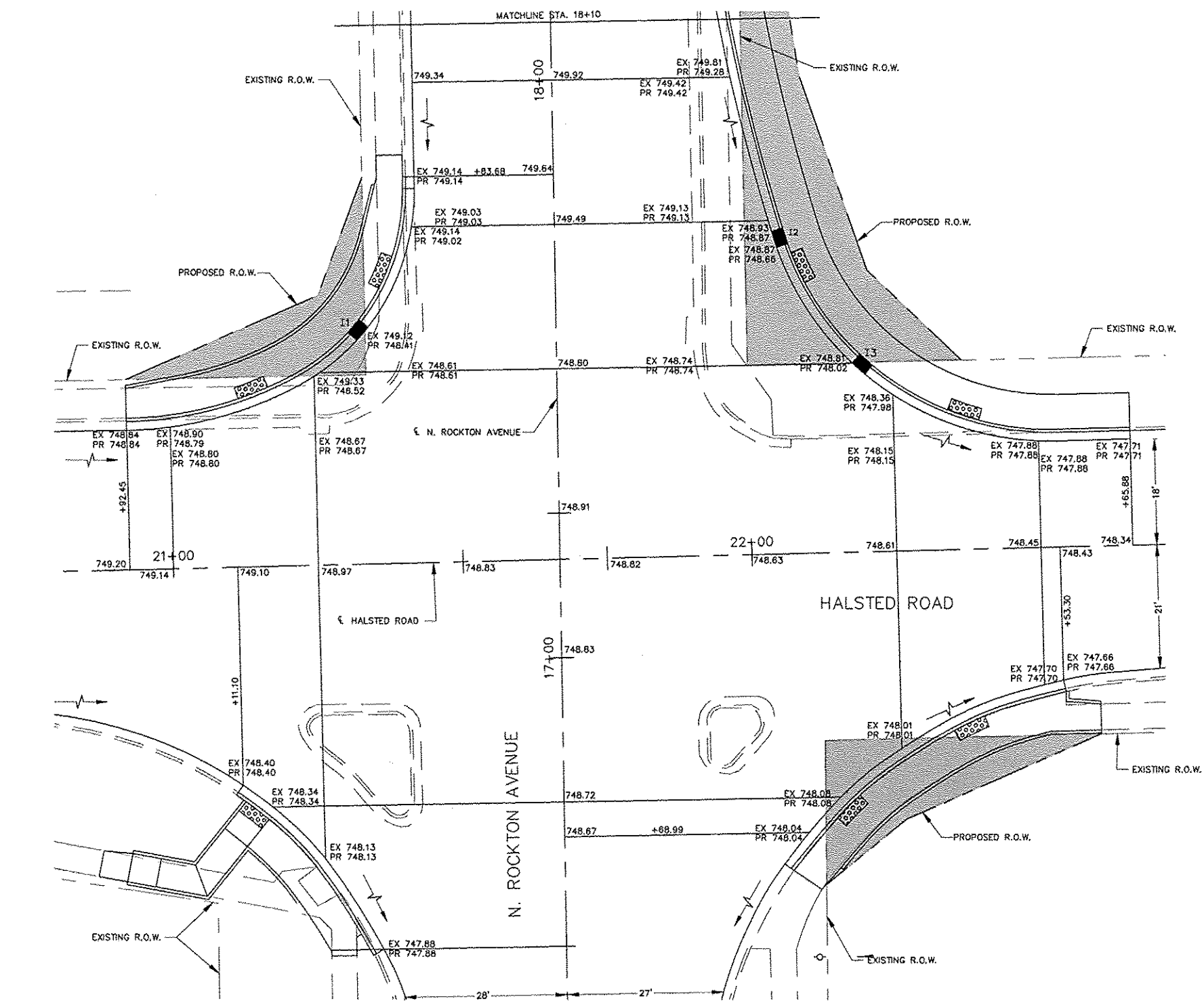
NO.	ITEM	DATE

PLOT SCALE: 1/1  
 PLOT DATE: 11/6/2014  
 DRAWN BY: BSL  
 CHECKED BY: KRL  
 SUBMITTAL DATE: 11/7/2014

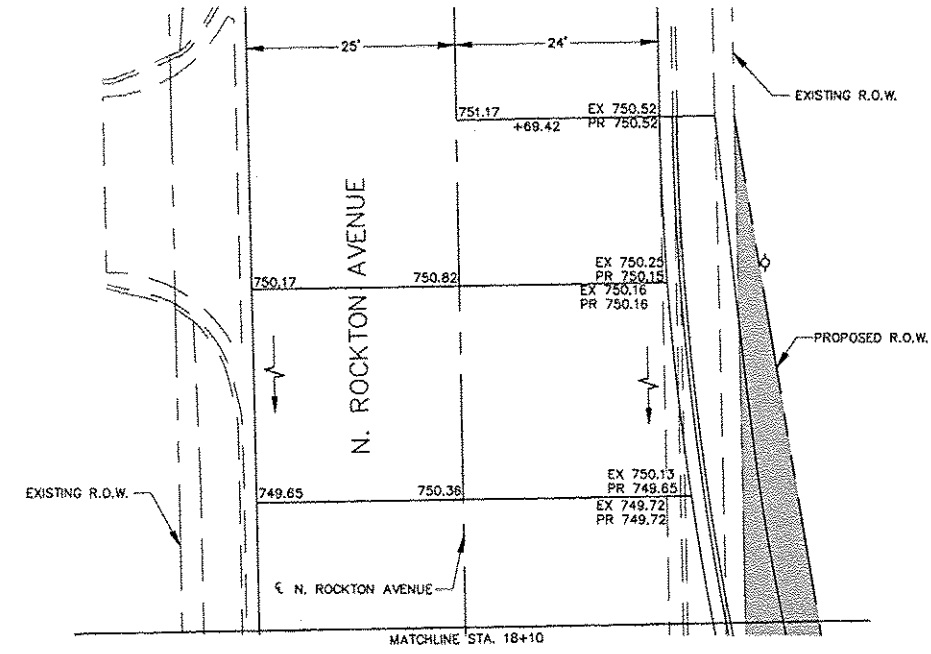


**ROADWAY PLAN (2)**  
 ROCKTON-HALSTED HSIP IMPROVEMENTS  
 N. ROCKTON AVENUE / HALSTED ROAD  
 ROCKFORD, ILLINOIS  
 FILE: H.MI-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 ROADWAYPLAN.DWG MEAI JOB: 04-26-II-048

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-02592-00-SP	VINCENNES	34	10
FHWA REG. ILLINOIS PROJECT: HSIP-5099 (109)		CONTRACT NO. 4505	



NOTE:  
ALL ELEVATIONS ARE EXISTING OR PROPOSED EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.



SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/8/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014

**McClure**  
Engineering Associates, Inc.  
7282 Arroyo Drive  
Rockford, Illinois 61107-6837  
(615) 398-2532 FAX (615) 398-2496  
Design Firm License: Illinois 184-000818  
Copyright 2014 By McClure Engineering Associates, Inc.

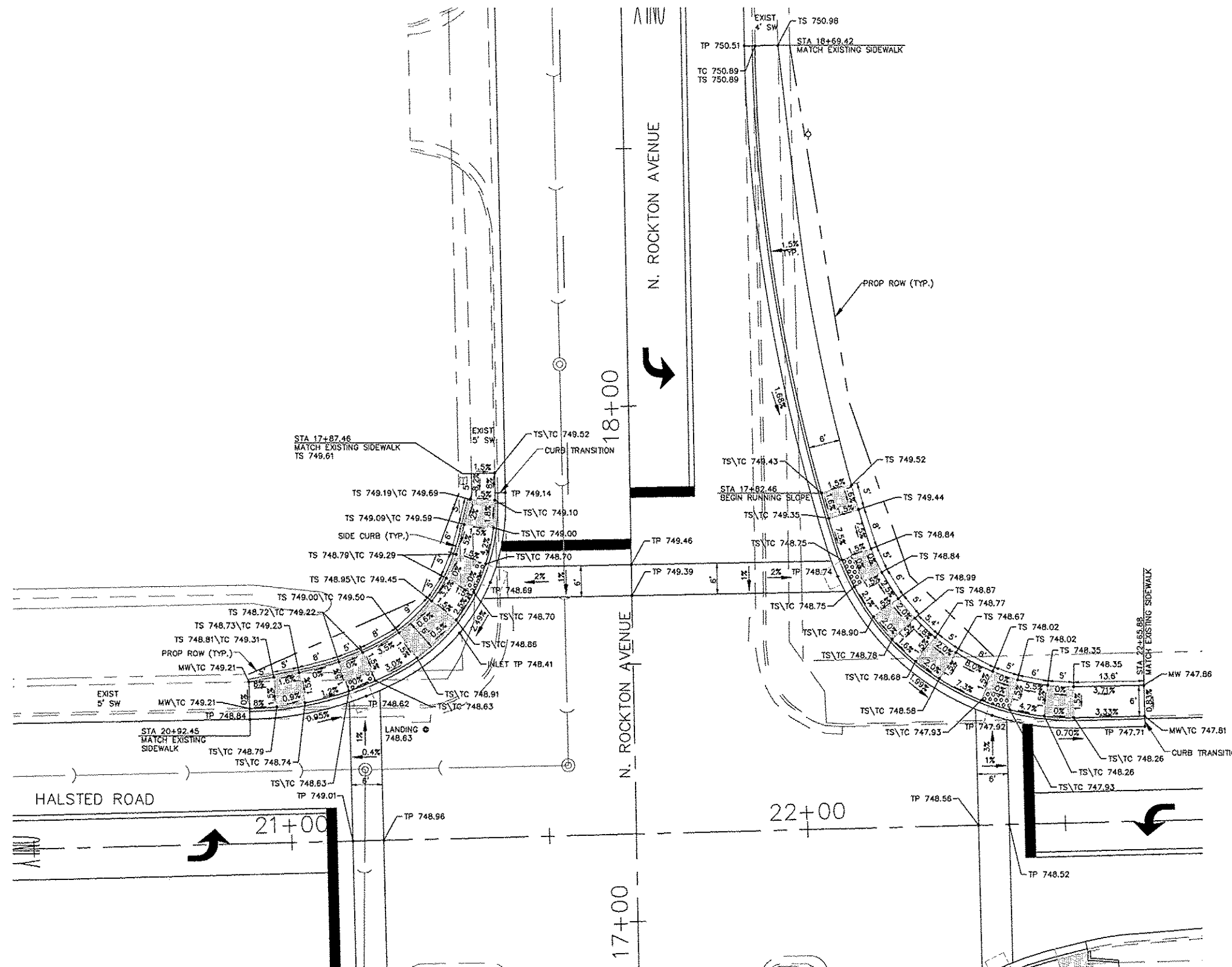
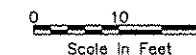
**ELEVATION PLAN**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 ELEVATIONPLAN.DWG  
MEAT JOB 04-26-11-048

SHEET NO.  
10  
OF  
34

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-SP	WINNEBAGO	34	11
PARA. REG.	ILLINOIS	PROJECT: HSP-5009 (109)	CONTRACT NO. 1515



SCALE:  
PLAN: 1" = 10'



GENERAL NOTES:

- 1) ALL DETECTABLE WARNINGS ARE 24" WIDE.
- 2) ALL RAMP SLOPES GREATER THAN 1:20 REQUIRE AN UPPER LEVEL LANDING A MINIMUM OF 5' LONG. UPPER LEVEL LANDINGS ARE NOT REQUIRED FOR RAMP SLOPES FLATTER THAN 1:20.
- 3) MAXIMUM SLOPE OF SIDEWALK RAMP SHALL NOT EXCEED 1:12. SIDEWALK RAMPS SHALL ALSO BE A MAXIMUM LENGTH OF 15 FEET.
- 4) 6" WIDE VARIABLE HEIGHT CURB ALONG SIDEWALK SHALL BE MEASURED AND PAID AS PORTLAND CEMENT CONCRETE SIDEWALK.
- 5) SPOT ELEVATIONS:  
TS = TOP OF SIDEWALK OR SLAB  
TC = TOP OF CURB  
TP = TOP OF PAVEMENT  
ME = MATCH EXISTING
- 6) DETECTABLE WARNINGS ASSUME THE USE OF PREFABRICATED TILE WITH NO FIELD CUTTING REQUIRED. RADIUS TILE SHALL BE USED WHERE MORE THAN 8' OF WIDTH IS REQUIRED.
- 7) CURB RAMPS SHALL COMPLY WITH "PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY", LATEST EDITION, PUBLISHED BY THE U.S. ACCESS BOARD AND THE FINAL REPORT OF THE US ACCESS BOARD PUBLISHED JANUARY 2011 ENTITLED, "INITIATIVE ON DIMENSIONAL TOLERANCES IN CONSTRUCTION, DIMENSIONAL TOLERANCES FOR SURFACE ACCESSIBILITY.
- 8) CURB RAMP STANDARDS INCLUDE:  
424001 PERPENDICULAR CURB RAMPS FOR SIDEWALKS  
424006 DIAGONAL CURB RAMPS FOR SIDEWALKS  
424011 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS  
424021 DEPRESSED CORNER FOR SIDEWALKS  
424026 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS  
424031 MEDIAN PEDESTRIAN CROSSINGS

LEGEND:

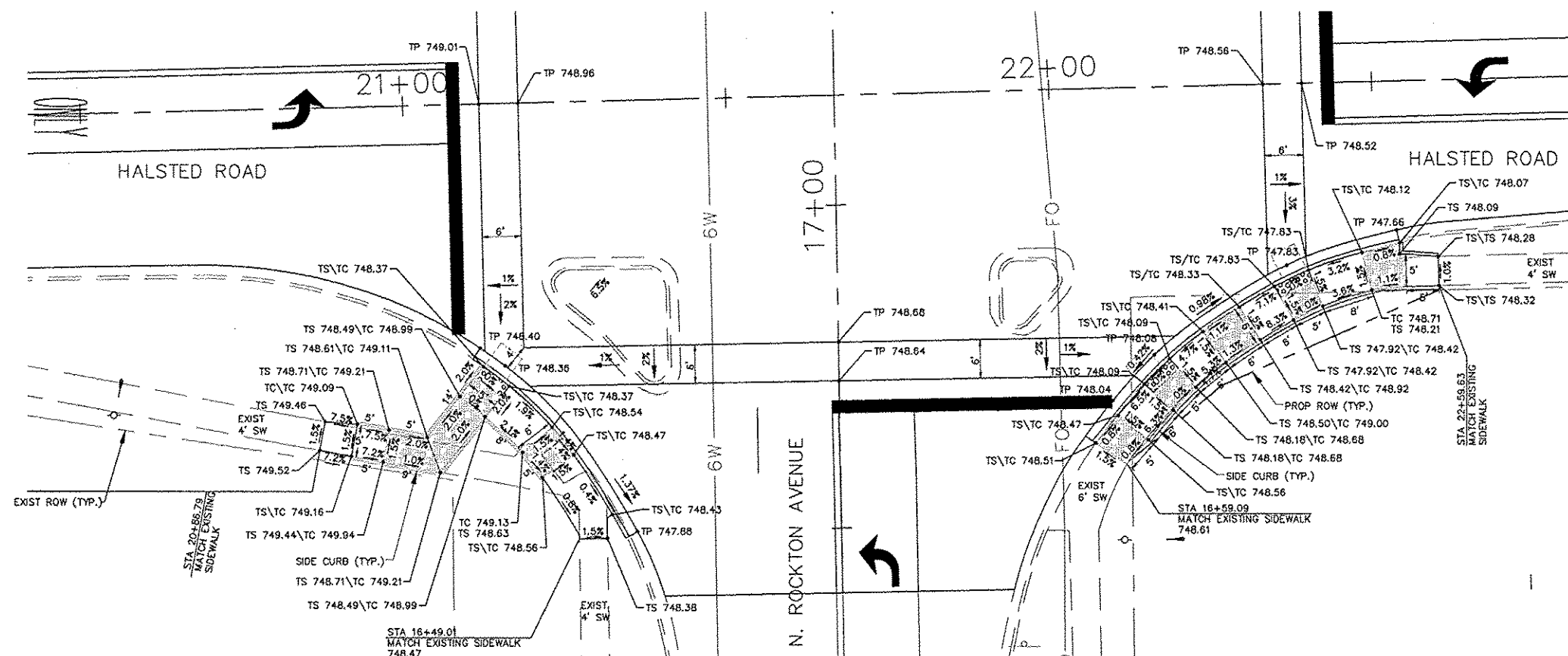
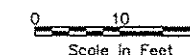
- DETECTABLE WARNINGS
- LEVEL LANDING (MAX. GRADE = 2.0%)
- RAMP (MIN. SLOPE = 1:20)
- RUNNING SLOPE (MAX. SLOPE = 1:12) (MAX. LENGTH = 15')
- 6" WIDE CURB, VARIABLE HEIGHT
- RUNNING SLOPE (MAX. SLOPE = 1:20)
- CLEAR MANEUVERING AREA (4'x4')

	<p>SHEET REVIEW</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>AGENCY</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	AGENCY	DATE			<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>ITEM</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	ITEM	DATE				<p>PLOT SCALE: 1" = 1'</p> <p>PLOT DATE: 11/6/2014</p> <p>DRAWN BY: ESE</p> <p>CHECKED BY: KRL</p> <p>SUBMITTAL DATE: 11/7/2014</p>	<p><b>McClure</b> Engineering Associates, Inc. 7282 Arqua Drive, Rockford, Illinois 61107-5837 (815) 398-2332 FAX (815) 398-2496 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.</p>	<p><b>ADA RAMP DETAILS</b></p> <p>ROCKTON-HALSTED HSP IMPROVEMENTS</p> <p>N. ROCKTON AVENUE / HALSTED ROAD</p> <p>ROCKFORD, ILLINOIS</p> <p>FILE: H:\11-048 ROCKTON-HALSTED HSP\DESIGN\DRAWINGS\11-048 ADA-STRIPE.DWG</p> <p>MEAI JOB: 04-26-11-048</p>	<p>SHEET NO.</p> <p>11</p> <p>OF</p> <p>34</p>
AGENCY	DATE															
NO.	ITEM	DATE														

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-05592-00-SP	WARRIEN	34	12
FWVA REG.	ILLINOIS	PROJECT HSIP-5099 (100)	CONTRACT NO. 0503



SCALE:  
PLAN: 1" = 10'



GENERAL NOTES:

- 1) ALL DETECTABLE WARNINGS ARE 24" WIDE.
- 2) ALL RAMP SLOPES GREATER THAN 1:20 REQUIRE AN UPPER LEVEL LANDING A MINIMUM OF 5' LONG. UPPER LEVEL LANDINGS ARE NOT REQUIRED FOR RAMP SLOPES FLATTER THAN 1:20.
- 3) MAXIMUM SLOPE OF SIDEWALK RAMP SHALL NOT EXCEED 1:12. SIDEWALK RAMP SHALL ALSO BE A MAXIMUM LENGTH OF 15 FEET.
- 4) 6" WIDE VARIABLE HEIGHT CURB ALONG SIDEWALK SHALL BE MEASURED AND PAID AS PORTLAND CEMENT CONCRETE SIDEWALK.
- 5) SPOT ELEVATIONS:  
TS = TOP OF SIDEWALK OR SLAB  
TC = TOP OF CURB  
TP = TOP OF PAVEMENT  
ME = MATCH EXISTING
- 6) DETECTABLE WARNINGS ASSUME THE USE OF PREFABRICATED TILE WITH NO FIELD CUTTING REQUIRED. RADIUS TILE SHALL BE USED WHERE MORE THAN 8' OF WIDTH IS REQUIRED.
- 7) CURB RAMPS SHALL COMPLY WITH "PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY", LATEST EDITION, PUBLISHED BY THE U.S. ACCESS BOARD AND THE FINAL REPORT OF THE US ACCESS BOARD PUBLISHED JANUARY 2011 ENTITLED, "INITIATIVE ON DIMENSIONAL TOLERANCES IN CONSTRUCTION, DIMENSIONAL TOLERANCES FOR SURFACE ACCESSIBILITY.
- 8) CURB RAMP STANDARDS INCLUDE:  
424001 PERPENDICULAR CURB RAMPS FOR SIDEWALKS  
424006 DIAGONAL CURB RAMPS FOR SIDEWALKS  
424011 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS  
424021 DEPRESSED CORNER FOR SIDEWALKS  
424026 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS  
424031 MEDIAN PEDESTRIAN CROSSINGS

LEGEND:

- DETECTABLE WARNINGS
- LEVEL LANDING (MAX. GRADE = 2.0%)
- RAMP RUNNING SLOPE (MIN. SLOPE = 1:20) (MAX. SLOPE = 1:12) (MAX LENGTH = 15')
- 6" WIDE CURB, VARIABLE HEIGHT
- RUNNING SLOPE (MAX. SLOPE = 1:20)
- CLEAR MANEUVERING AREA (4'x4')

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/6/2014
DRAWN BY:	DCI
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014

7282 Arque Drive (815) 398-2332	Rockford, Illinois 61107-2837 FAX (815) 398-2486
Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.	

<b>ADA DETAILS (2)</b> ROCKTON-HALSTED HSIP IMPROVEMENTS	
N. ROCKTON AVENUE / HALSTED ROAD	ROCKFORD, ILLINOIS
FILE H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 ADA-STRIPE.DWG	MEAI JOB 04-26-11-048

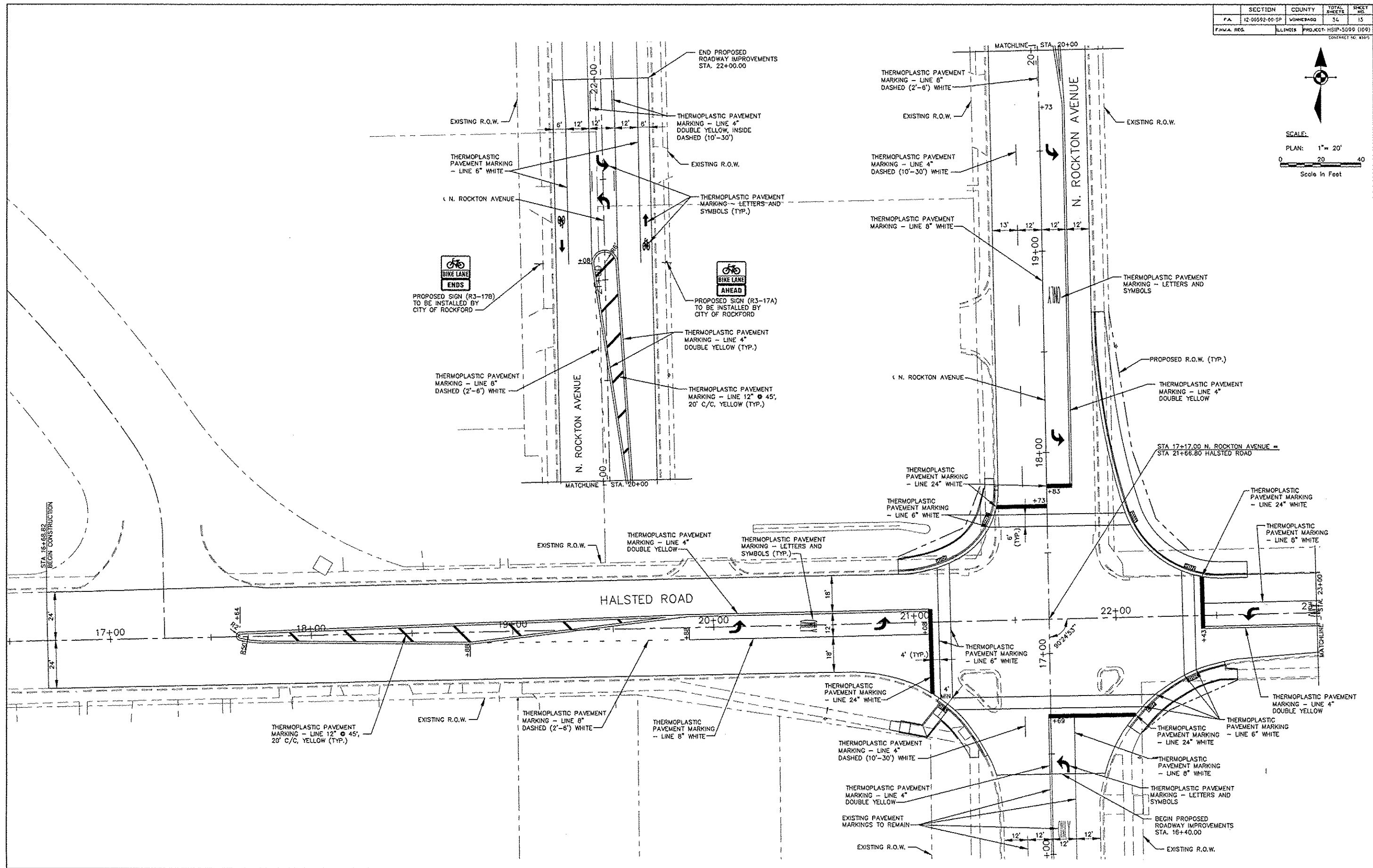
SHEET NO.	
12	OF
34	



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-06592-00-SP	VERNERBAGG	34	15
F.H.W.A. REG.	ILLINOIS	PROJECT: HSIP-5099 (10)	CONTRACT NO. 4505



SCALE:  
PLAN: 1" = 20'  
0 20 40  
Scale in Feet



SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/8/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014

**McClure**  
Engineering Associates, Inc.  
7282 Arroyo Drive  
Rockford, Illinois 61107-6837  
(615) 398-2332 FAX (615) 398-2498  
Design Firm License: Illinois 184-000816  
Copyright 2014 By McClure Engineering Associates, Inc.

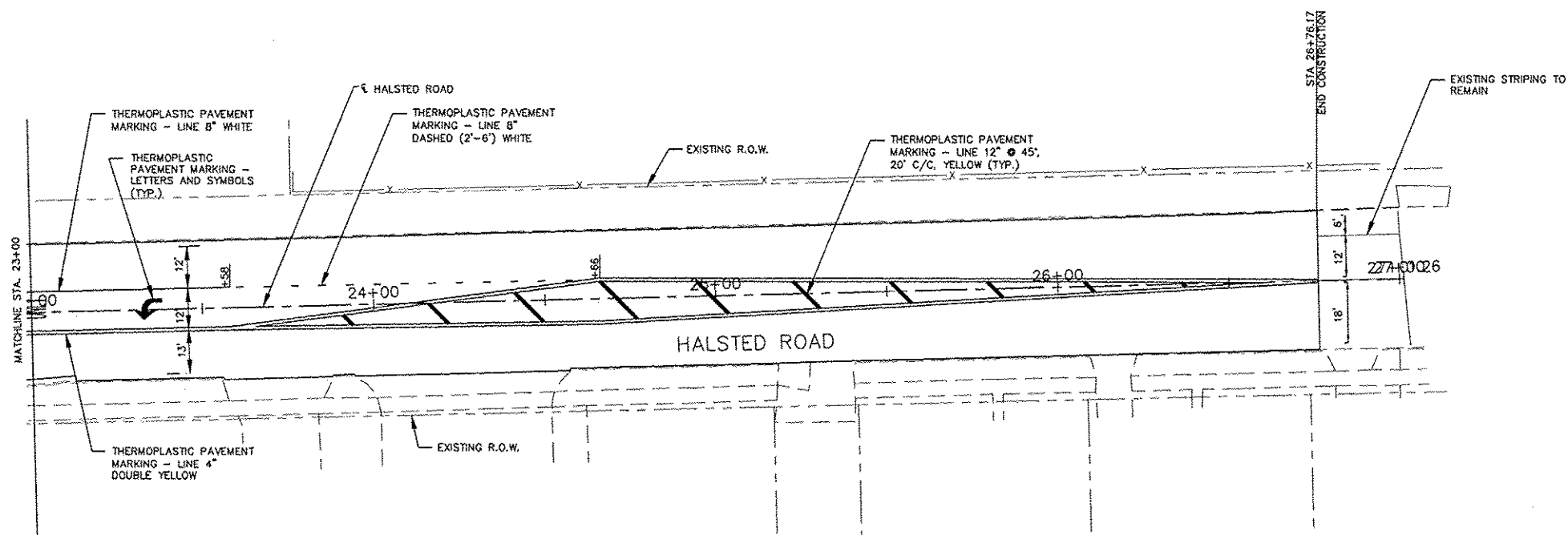
**STRIPING AND SIGNING PLAN**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H.VII-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 ADA-STRIPES.DWG  
MEAT JOB: 04-26-11-048

SHEET NO.  
13  
OF  
34

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-SP	WINNEBAGO	34	14
ILLINOIS PROJECT: HSIP-5099 (109)	CONTRACT NO: 656-5		




SCALE:  
 PLAN: 1" = 20'  
 0 20 40  
 Scale In Feet



SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/6/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014


**McClure**  
 Engineering Associates, Inc.  
 7282 Arroyo Drive  
 Rockford, Illinois 61107-2837  
 (815) 396-2332 FAX (815) 396-2496  
 Design Firm License: Illinois 184-000816  
 Copyright 2014 By McClure Engineering Associates, Inc.

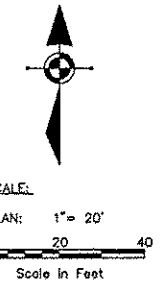
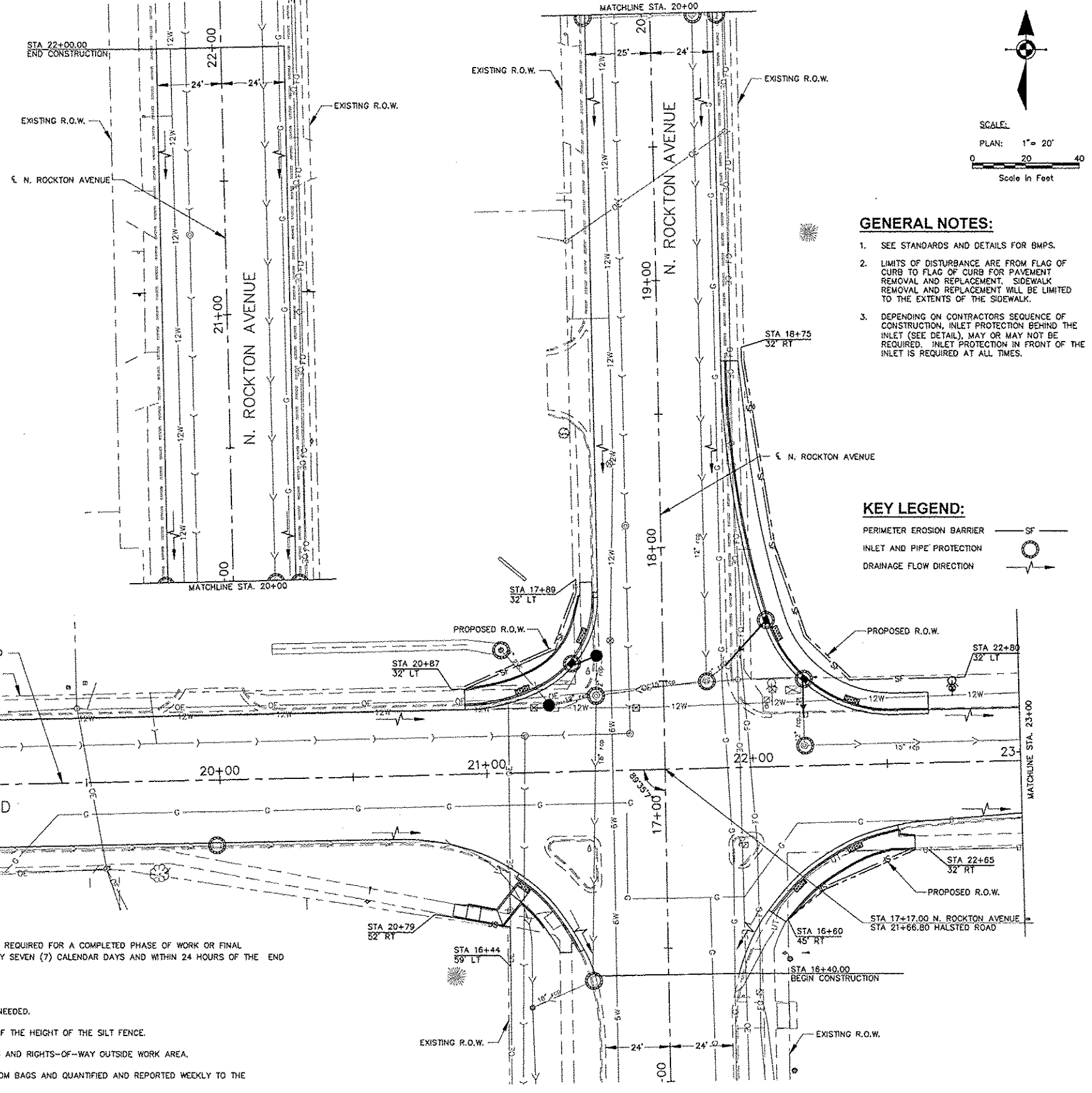
**STRIPING AND SIGNING PLAN (2)**  
 ROCKTON-HALSTED HSIP IMPROVEMENTS  
 N. ROCKTON AVENUE / HALSTED ROAD  
 ROCKFORD, ILLINOIS  
 FILE: H.MI-048 ROCKTON-HALSTED HSIPDESIGNDRAWINGS\11-048 ADA-STRIPE.DWG  
 MEAT JOB: 04-26-11-048

SHEET NO.  
 14  
 OF  
 34

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.A. 12-00592-04-SP	VIRGINIA	34	15
ILLINOIS REG. PROJECT HSP-5099 (109)	ILLINOIS	CONTRACT NO. 9549	

**STORM WATER POLLUTION PREVENTION NOTES:**

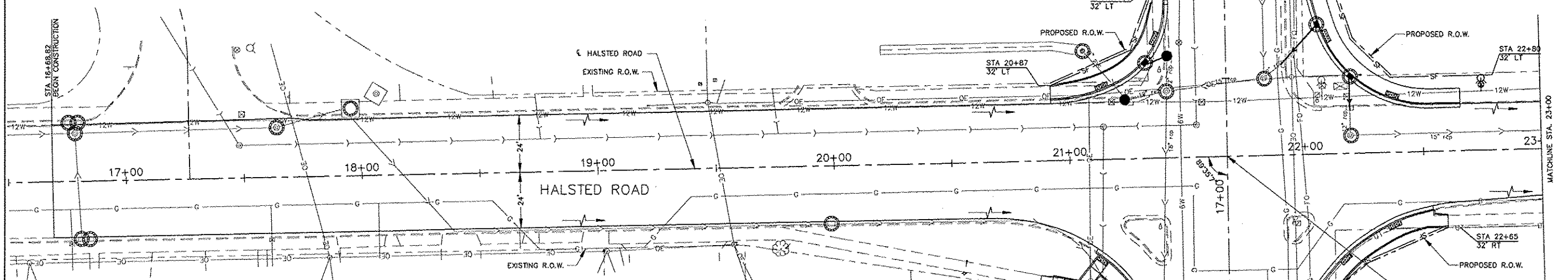
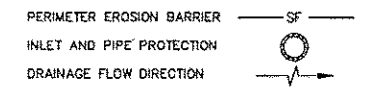
1. THE STORM WATER POLLUTION PREVENTION PLAN IS COMPRISED OF THE DRAWING MAPS, SPECIFICATIONS AND THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN, ILLINOIS EPA NPDES GENERAL PERMIT, CITY OF ROCKFORD NPDES PERMIT, AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
5. GENERAL CONTRACTOR SHALL DENOTE ON EXHIBITS THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA.
6. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
7. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
8. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ADJACENT ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. ALL PAVEMENT SHALL BE THOROUGHLY CLEANED AT THE END OF THE EACH WORKING DAY.
9. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
10. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
11. THE EROSION CONTROL MEASURES INDICATED ON THE DRAWING MAPS ARE THE MINIMUM REQUIREMENTS.
12. DETAIL DRAWINGS SHOWN ARE RECOMMENDATIONS ONLY. ALL EROSION CONTROL MEASURES MUST BE INSTALLED, INSPECTED AND APPROVED BY THE CITY OF ROCKFORD OR THEIR REPRESENTATIVES, BEFORE CONSTRUCTION ACTIVITIES BEGIN.
13. SILTATION BAGS SHALL BE USED TO PROTECT THE INLETS FROM SILTATION AND TO GATHER SILTATION FOR QUANTIFICATION, DOCUMENTATION AND DISPOSAL OF DEBRIS AND SILT.
14. ALL DISTURBED AREAS THAT WILL BE LEFT IDLE FOR MORE THAN THIRTY (30) DAYS SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) DAYS.
15. PARKWAY RESTORATION AREAS ARE TO RECEIVE FOUR (4) INCHES OF TOPSOIL AND BE SEEDED, FERTILIZED, MULCHED AND WATERED AS SPECIFIED WITHIN SEVEN (7) DAYS OF FINAL TOPSOIL PLACEMENT AND UNTIL A HEALTHY STAND OF GRASS IS OBTAINED, AS DETERMINED BY THE ENGINEER.
16. INLET PROTECTION MUST BE PROVIDED AND MAINTAINED FOR ALL PROPOSED STORM SEWER INLETS, EXISTING DOWNSTREAM INLETS, CULVERT INLETS AND OPEN GRATED MANHOLES UNTIL FINAL STABILIZATION OF THE PROJECT.
17. UPON FINAL STABILIZATION OF THE PROJECT, THE CONTRACTOR SHALL CLEAN THE STORM SEWER SYSTEM OF DEBRIS AND SILT WHICH SHALL BE DISPOSED OF PROPERLY AT THE DIRECTION OF THE ENGINEER.



**GENERAL NOTES:**

1. SEE STANDARDS AND DETAILS FOR BMP'S.
2. LIMITS OF DISTURBANCE ARE FROM FLAG OF CURB TO FLAG OF CURB FOR PAVEMENT REMOVAL AND REPLACEMENT. SIDEWALK REMOVAL AND REPLACEMENT WILL BE LIMITED TO THE EXTENTS OF THE SIDEWALK.
3. DEPENDING ON CONTRACTORS SEQUENCE OF CONSTRUCTION, INLET PROTECTION BEHIND THE INLET (SEE DETAIL), MAY OR MAY NOT BE REQUIRED. INLET PROTECTION IN FRONT OF THE INLET IS REQUIRED AT ALL TIMES.

**KEY LEGEND:**



**MAINTENANCE NOTES:**

- ALL BMP MEASURES STATED ON THIS STORM WATER POLLUTION PREVENTION MAP AND PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE ROADWAY PROJECT. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
- a. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
  - b. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.
  - c. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
  - d. THE CONSTRUCTION AREA ACCESSES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO ADJACENT PUBLIC ROADWAYS AND RIGHTS-OF-WAY OUTSIDE WORK AREA.
  - e. SILT BAGS IN REQUIRED INLET STRUCTURES SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT FROM SILT BAGS SHALL BE REMOVED FROM BAGS AND QUANTIFIED AND REPORTED WEEKLY TO THE ENGINEER.

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/8/2014
DRAWN BY:	BCL
CHECKED BY:	KRL
SUBMITAL DATE:	11/7/2014

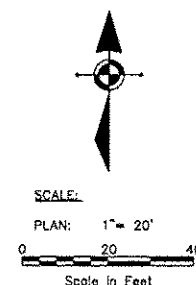
**McClure**  
Engineering Associates, Inc.  
7282 Arque Drive  
Rockford, Illinois 61107-5837  
(815) 398-2332 FAX (815) 398-2486  
Design Firm License: Illinois 184-000816  
Copyright 2014 By McClure Engineering Associates, Inc.

**EROSION CONTROL PLAN**  
ROCKTON-HALSTED HSP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H-11-048 ROCKTON-HALSTED HSP\DESIGN\DRAWINGS\11-048 ROADWAYPLAN.DWG  
MEAL JOB: 04-26-11-048

**STORM WATER POLLUTION PREVENTION NOTES:**

1. THE STORM WATER POLLUTION PREVENTION PLAN IS COMPRISED OF THE DRAWING MAPS, SPECIFICATIONS AND THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN, ILLINOIS EPA NPDES GENERAL PERMIT, CITY OF ROCKFORD NPDES PERMIT, AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
5. GENERAL CONTRACTOR SHALL DENOTE ON EXHIBITS THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA.
6. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
7. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
8. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ADJACENT ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. ALL PAVEMENT SHALL BE THOROUGHLY CLEANED AT THE END OF THE EACH WORKING DAY.
9. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
10. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
11. THE EROSION CONTROL MEASURES INDICATED ON THE DRAWING MAPS ARE THE MINIMUM REQUIREMENTS.
12. DETAIL DRAWINGS SHOWN ARE RECOMMENDATIONS ONLY. ALL EROSION CONTROL MEASURES MUST BE INSTALLED, INSPECTED AND APPROVED BY THE CITY OF ROCKFORD OR THEIR REPRESENTATIVES, BEFORE CONSTRUCTION ACTIVITIES BEGIN.
13. SILTATION BAGS SHALL BE USED TO PROTECT THE INLETS FROM SILTATION AND TO GATHER SILTATION FOR QUANTIFICATION, DOCUMENTATION AND DISPOSAL OF DEBRIS AND SILT.
14. ALL DISTURBED AREAS THAT WILL BE LEFT IDLE FOR MORE THAN THIRTY (30) DAYS SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) DAYS.
15. PARKWAY RESTORATION AREAS ARE TO RECEIVE FOUR (4) INCHES OF TOPSOIL AND BE SEEDED, FERTILIZED, MULCHED AND WATERED AS SPECIFIED WITHIN SEVEN (7) DAYS OF FINAL TOPSOIL PLACEMENT AND UNTIL A HEALTHY STAND OF GRASS IS OBTAINED, AS DETERMINED BY THE ENGINEER.
16. INLET PROTECTION MUST BE PROVIDED AND MAINTAINED FOR ALL PROPOSED STORM SEWER INLETS, EXISTING DOWNSTREAM INLETS, CULVERT INLETS AND OPEN GRATED MANHOLES UNTIL FINAL STABILIZATION OF THE PROJECT.
17. UPON FINAL STABILIZATION OF THE PROJECT, THE CONTRACTOR SHALL CLEAN THE STORM SEWER SYSTEM OF DEBRIS AND SILT WHICH SHALL BE DISPOSED OF PROPERLY AT THE DIRECTION OF THE ENGINEER.

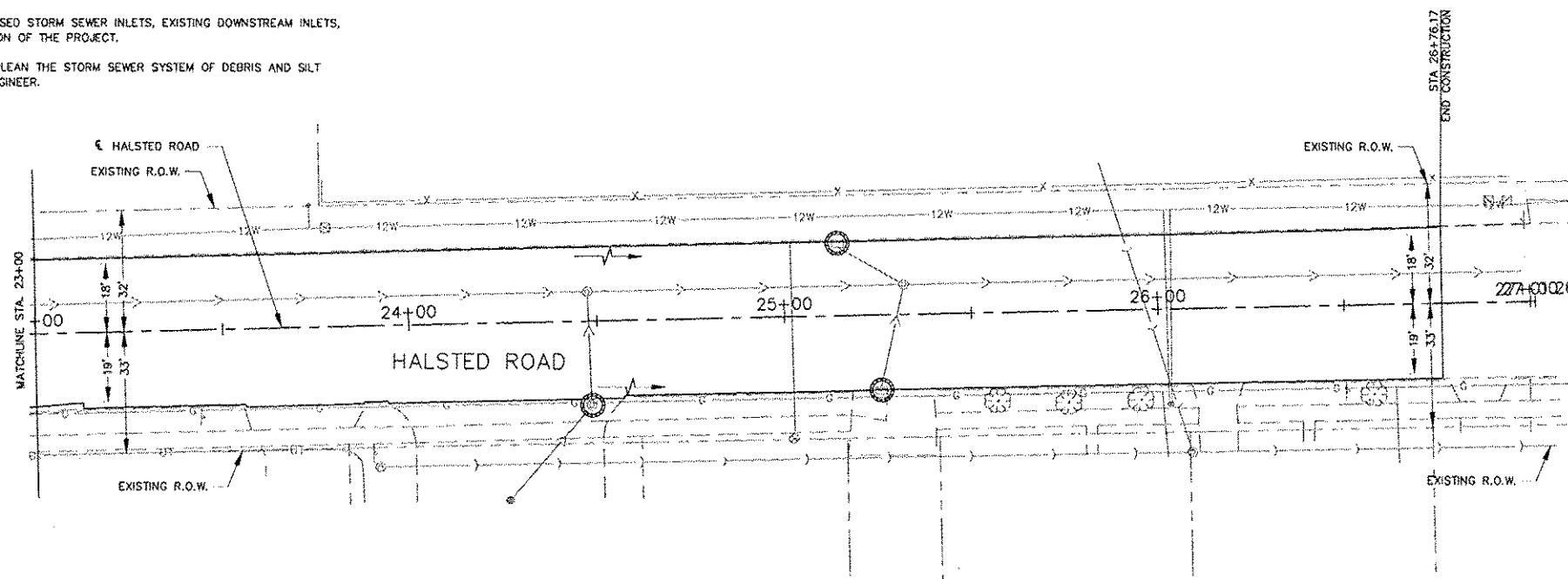
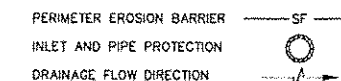
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00392-00-SF	WINNEBAGO	34	16
P.H.W.A. REG.	ILLINOIS PROJECT: HSIP-5099 (109)	CONTRACT NO. 8468	



**GENERAL NOTES:**

1. SEE STANDARDS AND DETAILS FOR BMP'S.
2. LIMITS OF DISTURBANCE ARE FROM FLAG OF CURB TO FLAG OF CURB FOR PAVEMENT REMOVAL AND REPLACEMENT. SIDEWALK REMOVAL AND REPLACEMENT WILL BE LIMITED TO THE EXTENTS OF THE SIDEWALK.
3. DEPENDING ON CONTRACTORS SEQUENCE OF CONSTRUCTION, INLET PROTECTION BEHIND THE INLET (SEE DETAIL), MAY OR MAY NOT BE REQUIRED. INLET PROTECTION IN FRONT OF THE INLET IS REQUIRED AT ALL TIMES.

**KEY LEGEND:**



**MAINTENANCE NOTES:**

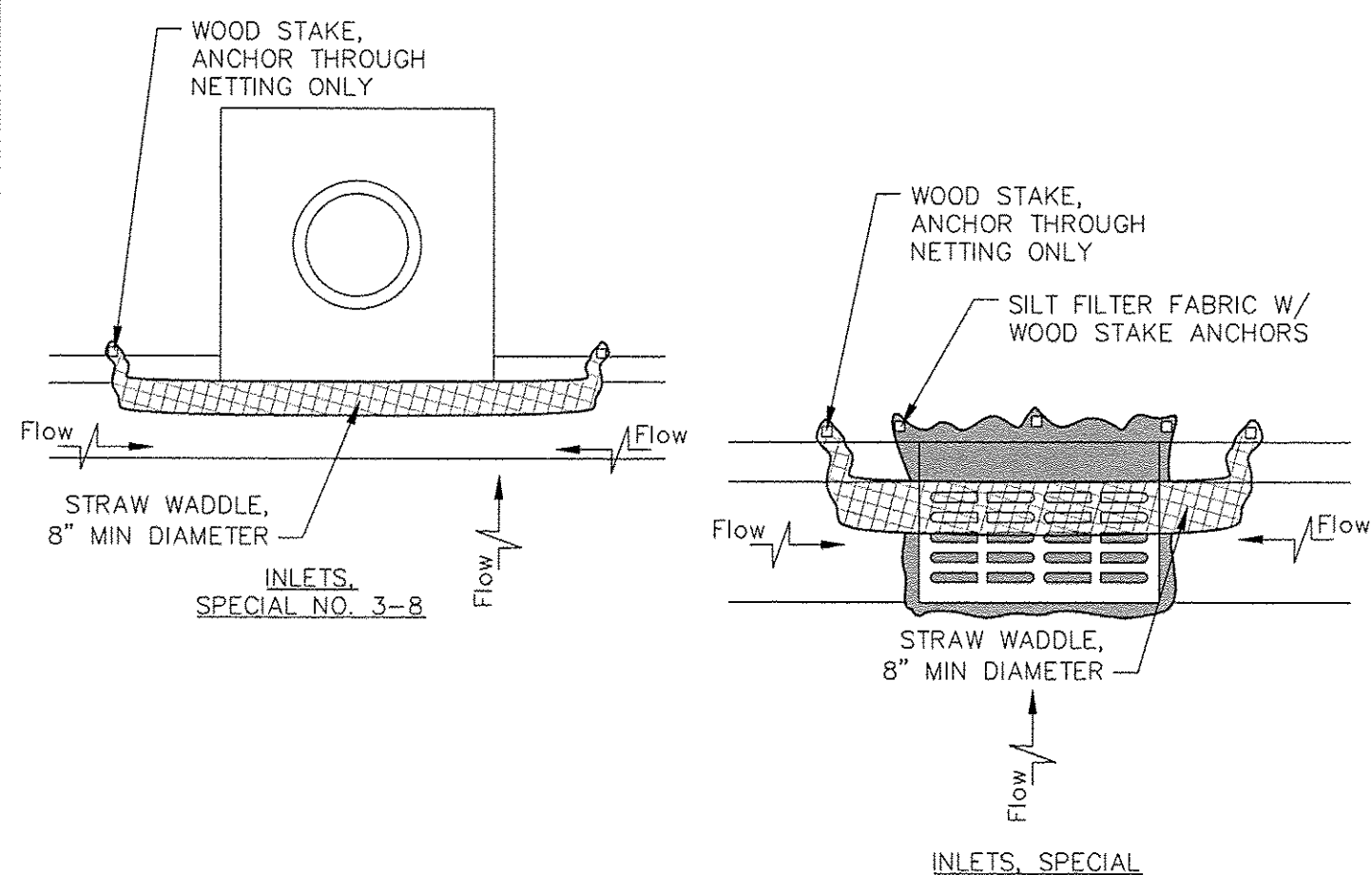
ALL BMP MEASURES STATED ON THIS STORM WATER POLLUTION PREVENTION MAP AND PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE ROADWAY PROJECT. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- a. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- b. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.
- c. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- d. THE CONSTRUCTION AREA ACCESSES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO ADJACENT PUBLIC ROADWAYS AND RIGHTS-OF-WAY OUTSIDE WORK AREA.
- e. SILT BAGS IN REQUIRED INLET STRUCTURES SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT FROM SILT BAGS SHALL BE REMOVED FROM BAGS AND QUANTIFIED AND REPORTED WEEKLY TO THE ENGINEER.

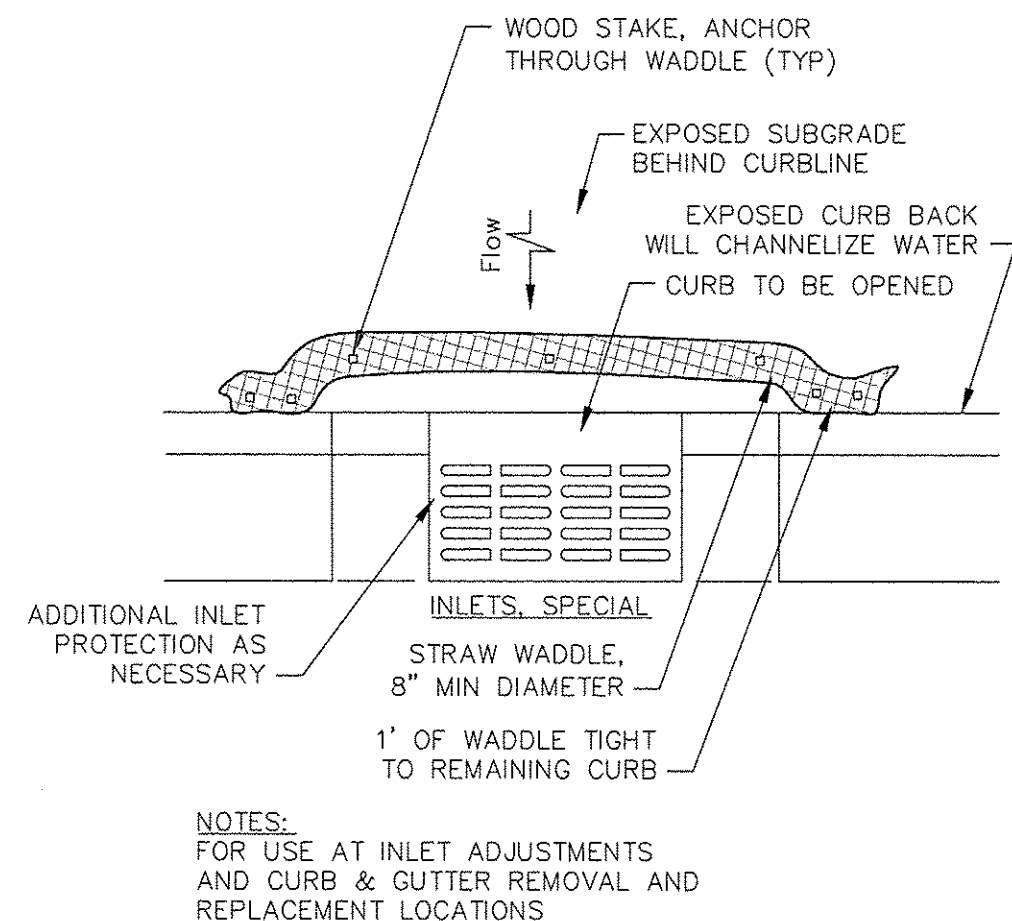
	<table border="1" style="width: 100%;"> <tr> <th colspan="2">SHEET REVIEW</th> </tr> <tr> <th>AGENCY</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	SHEET REVIEW		AGENCY	DATE			<table border="1" style="width: 100%;"> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>ITEM</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS			NO.	ITEM	DATE				PLOT SCALE: 1"=1' PLOT DATE: 2/11/2015 DRAWN BY: BSL CHECKED BY: KRL SUBMITTAL DATE: 11/3/2014	<b>McClure</b> Engineering Associates, Inc. 7205 Argus Drive, Rockford, Illinois 61107-5837 (815) 398-2132 FAX (815) 398-2406 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.	<b>EROSION CONTROL PLAN (2)</b> ROCKTON-HALSTED HSIP IMPROVEMENTS N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 ROADWAYPLAN.DWG MEAI JOB: 04-26-11-048	SHEET NO. <b>16</b> OF <b>34</b>
SHEET REVIEW																					
AGENCY	DATE																				
REVISIONS																					
NO.	ITEM	DATE																			



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00592-00-SP	WINNEBAGO	36	17
FDVA REG.	ILLINOIS	PROJECT: HSP-5099 (100)	CONTRACT NO: 9545



EROSION CONTROL DETAIL FOR INLETS  
COR



EROSION CONTROL DETAIL FOR CURB OPENINGS  
CREATED BY MEAI 2-12-09

SHEET REVIEW	
AGENCY	DATE

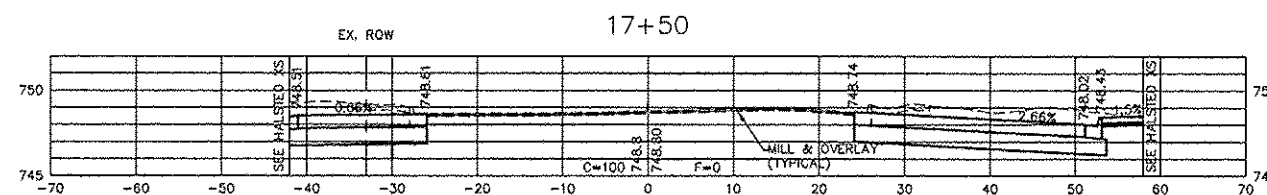
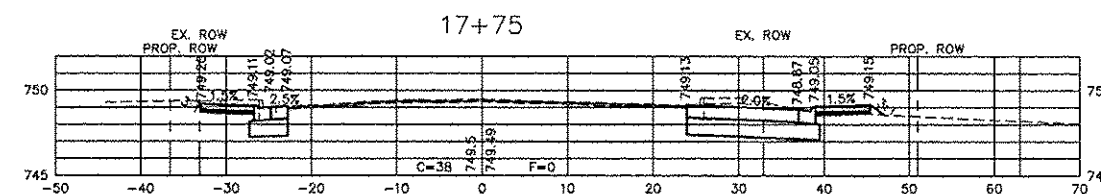
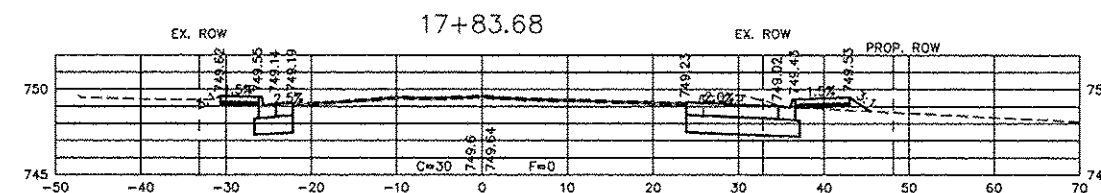
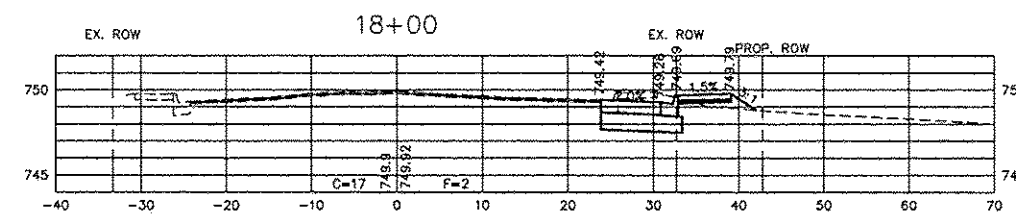
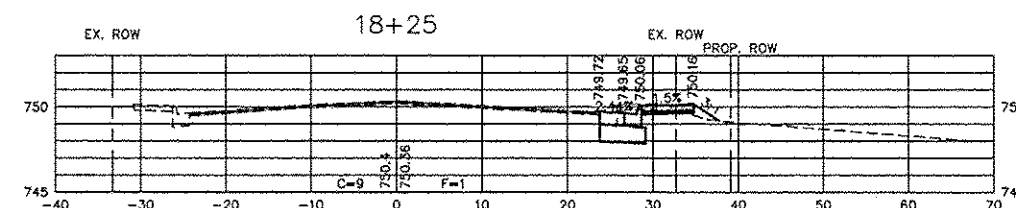
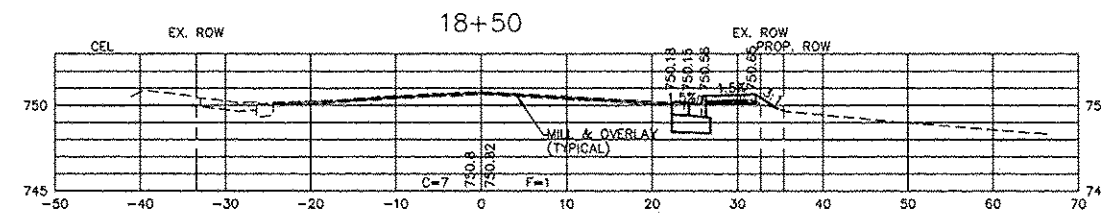
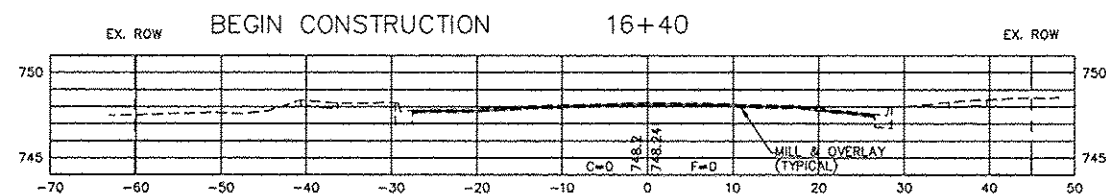
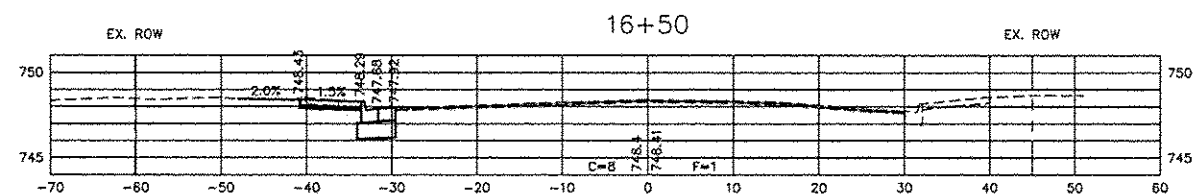
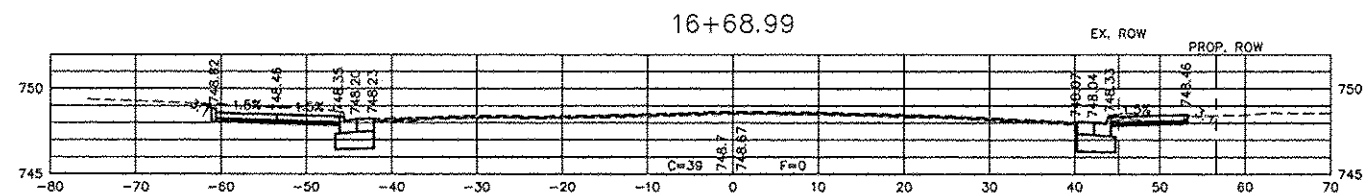
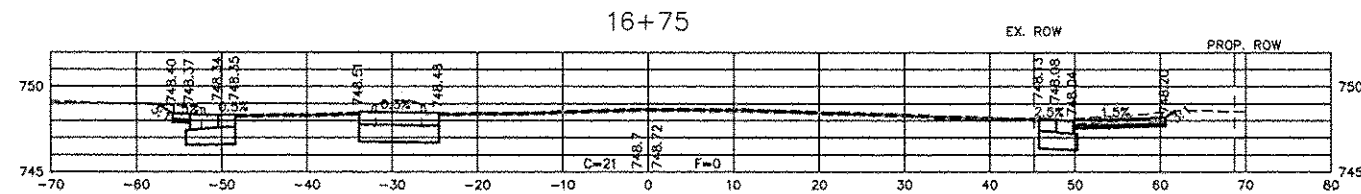
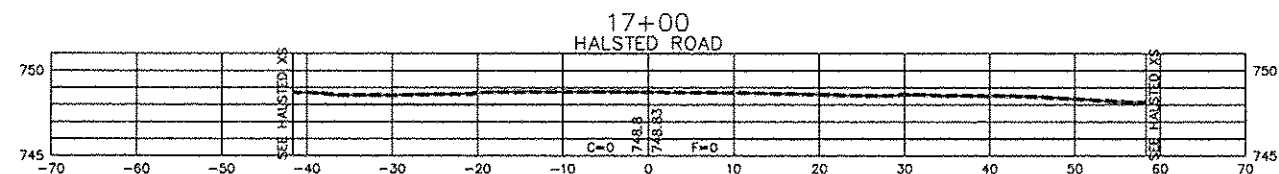
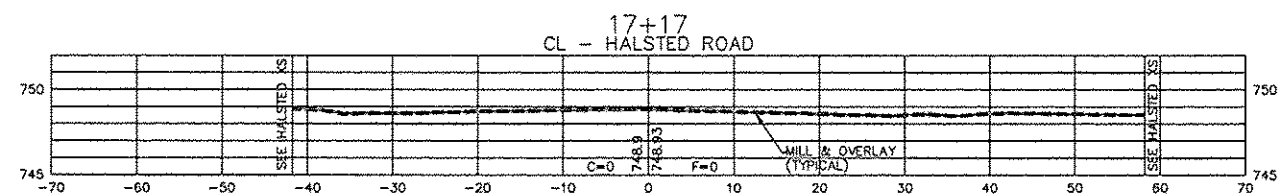
REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/6/2014
DRAWN BY:	DSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014

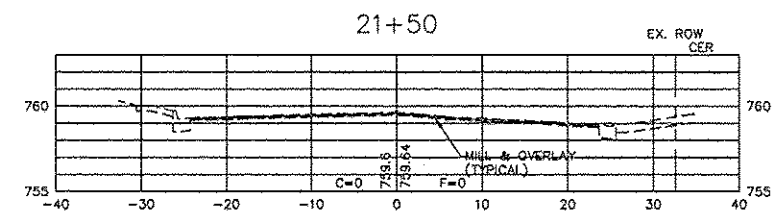
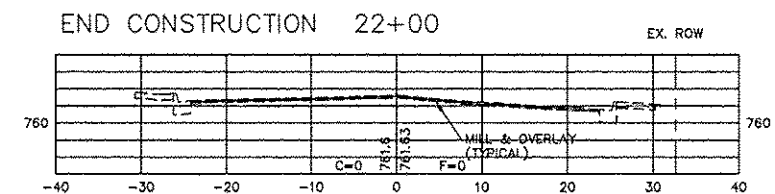
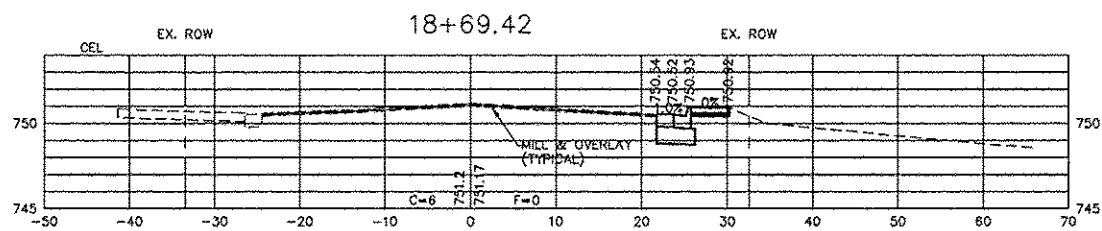
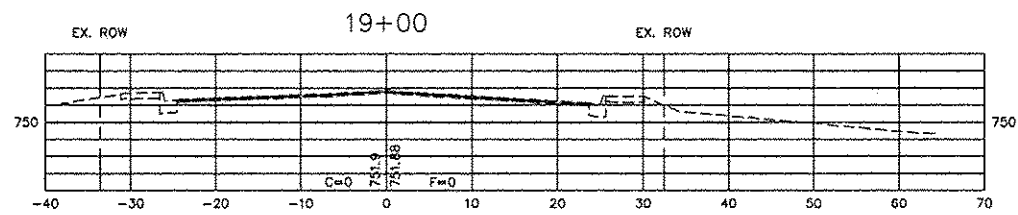
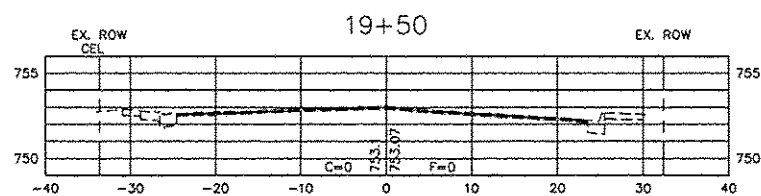
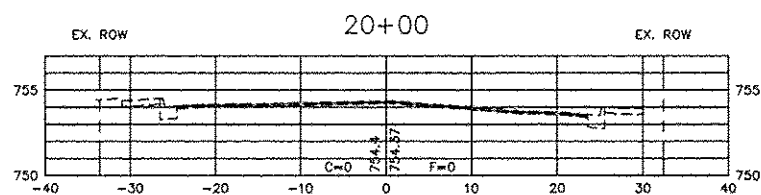
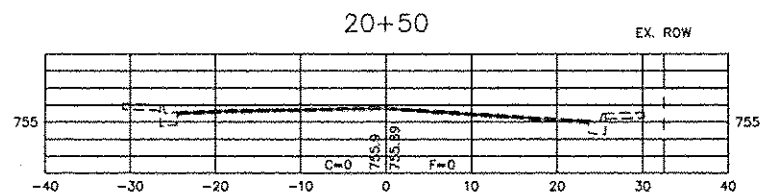
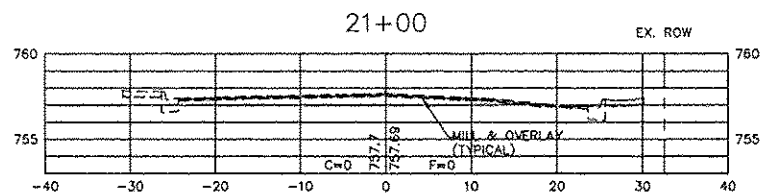
7282 Argus Drive  
Rockford, Illinois 61107-5837  
(815) 399-2332 FAX (815) 398-2496  
Design Firm License: Illinois 184-000816  
Copyright 2014 By McClure Engineering Associates, Inc.

**McClure**  
Engineering Associates, Inc.  
Rockford, Illinois 61107-5837  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS

**EROSION CONTROL DETAILS**  
ROCKTON-HALSTED HSP IMPROVEMENTS  
FILE: H-MI-048 ROCKTON-HALSTED HSP\DESIGN\DRAWINGS\14-048 DETAILS.DWG  
MEAI JOB: 64-26-U-048



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-SP	VIRNEBAGO	34	19
ILLINOIS REG.	ILLINOIS	PROJECT HSIP-5090 (109)	CONTRACT NO. 1303



SHEET REVIEW	
AGENCY	DATE

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

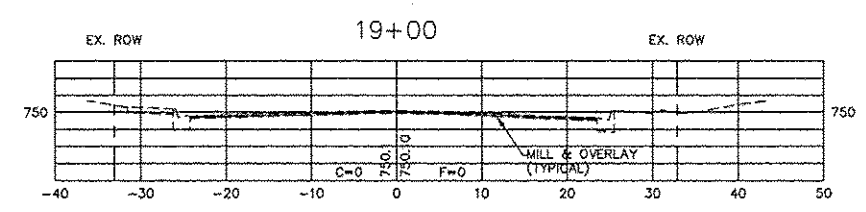
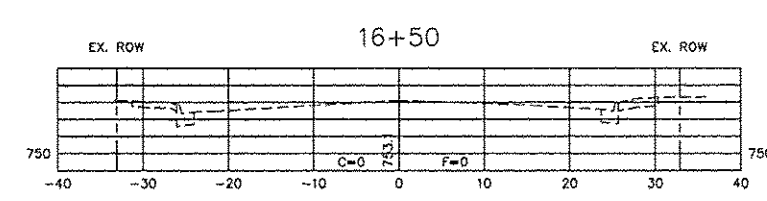
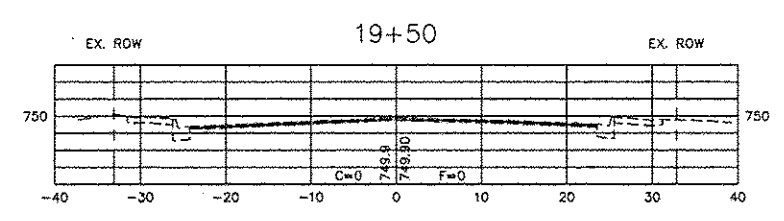
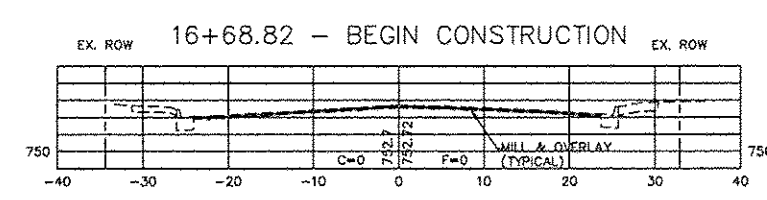
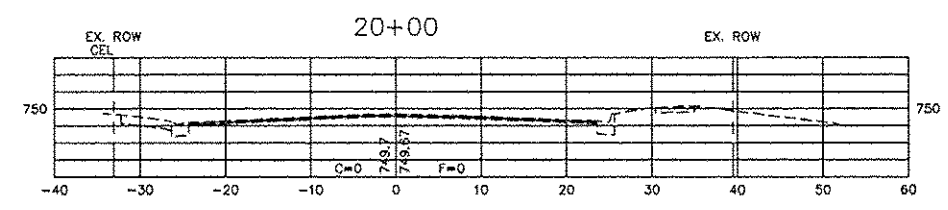
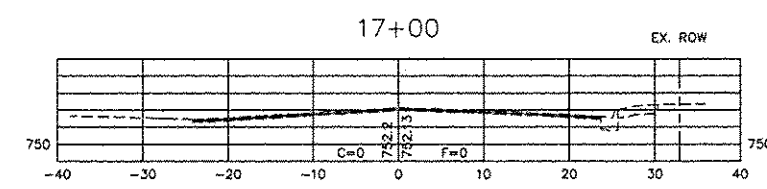
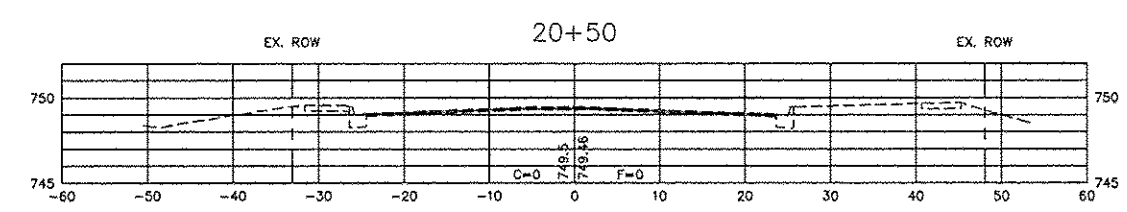
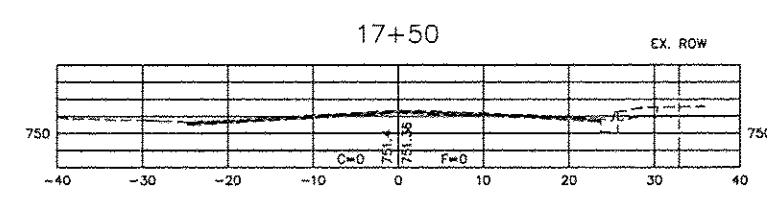
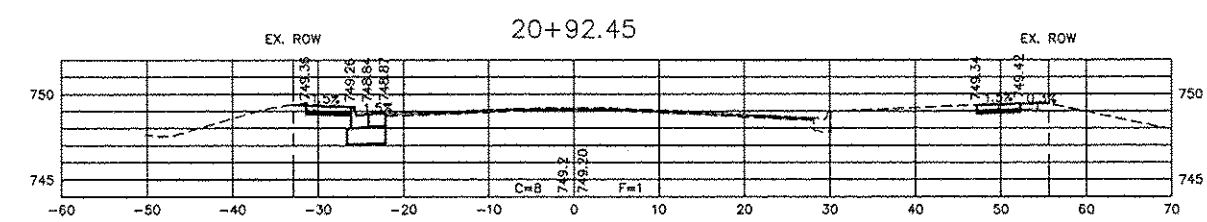
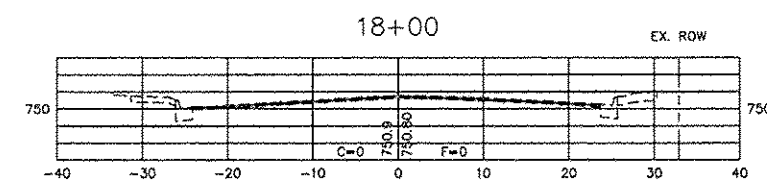
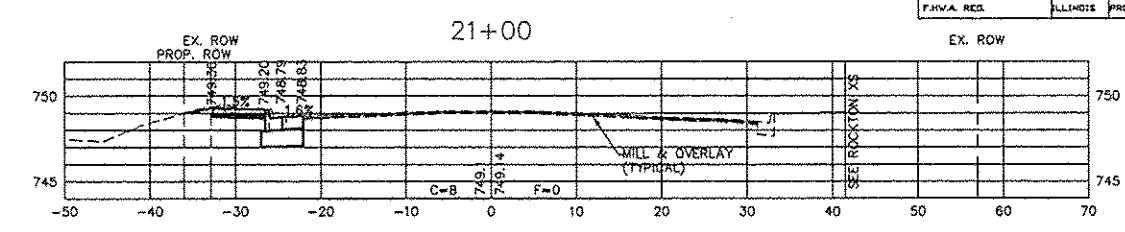
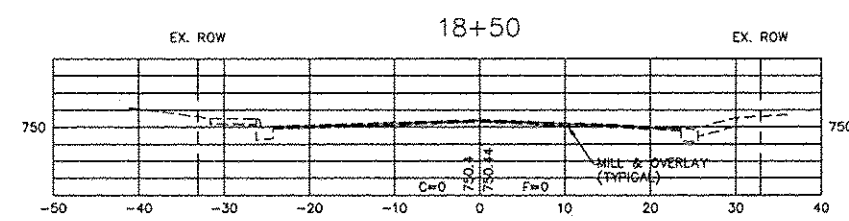
PLOT SCALE:	1:1
PLOT DATE:	11/5/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITAL DATE:	11/1/2014

**McClure**  
Engineering Associates, Inc.  
7282 Arqua Drive  
Rockford, Illinois 61107-5837  
(615) 398-2332  
Design Firm License: Illinois 184-000816  
FAX (615) 398-2486  
Copyright 2014 By McClure Engineering Associates, Inc.

**CROSS SECTION - ROCKTON AVE - 18+69.42 - 22+50**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H-111-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 X-SECTS.DWG  
MEAI JOB 04-26-II-048

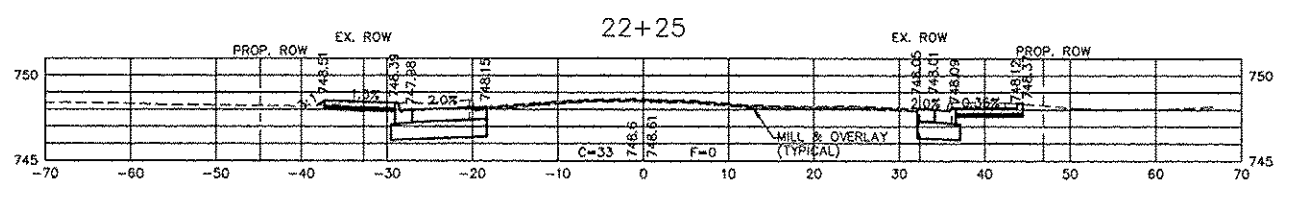
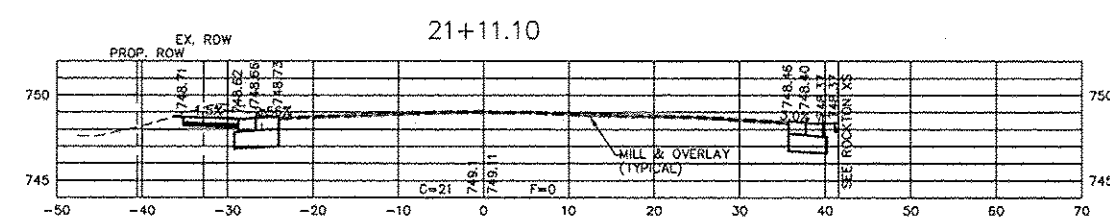
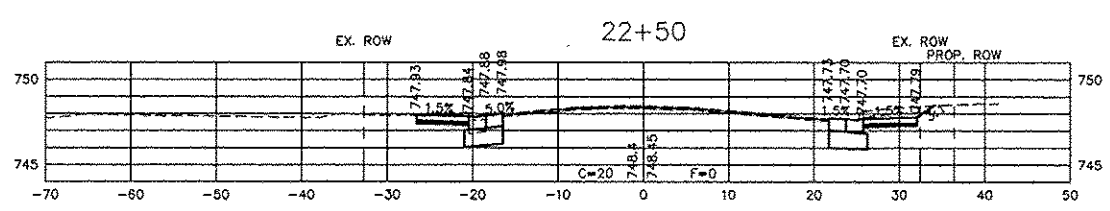
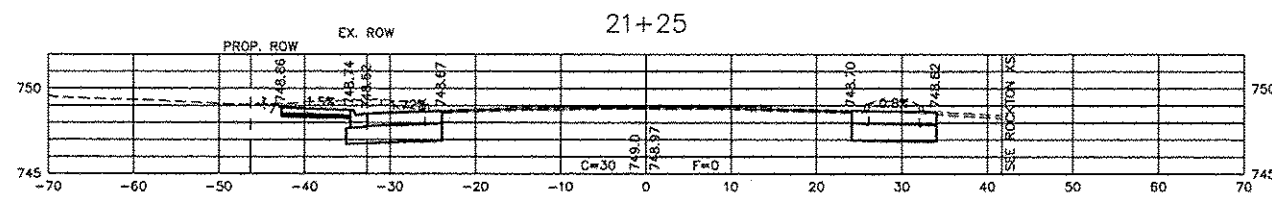
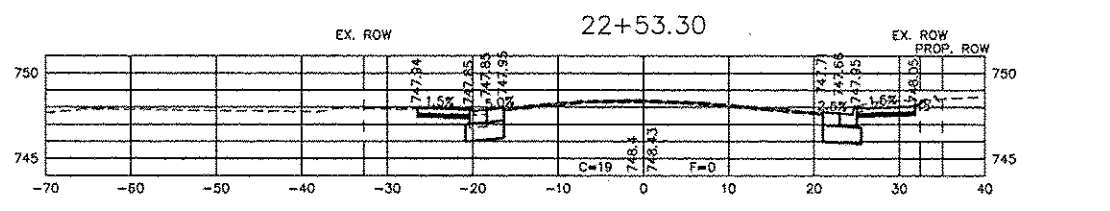
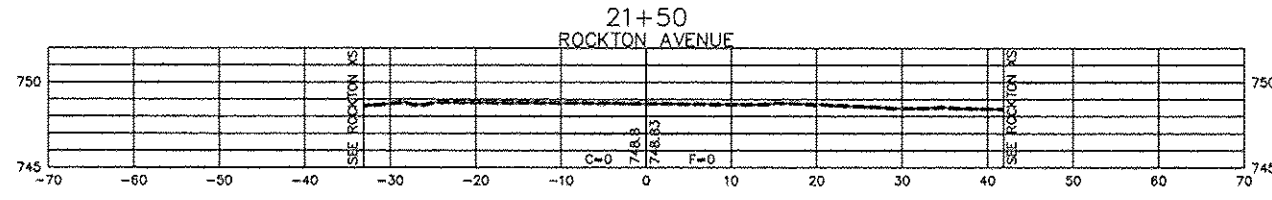
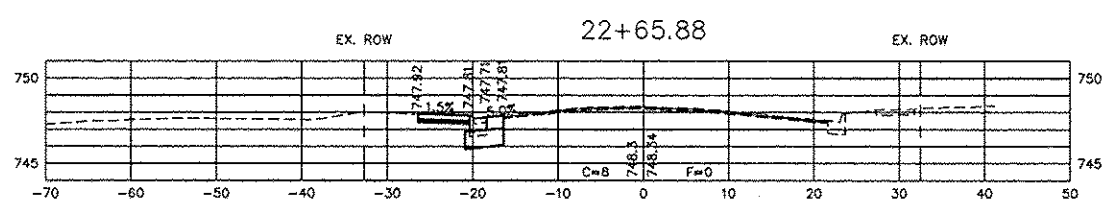
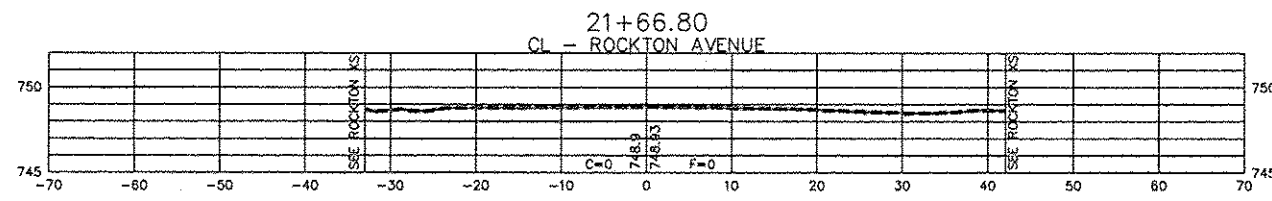
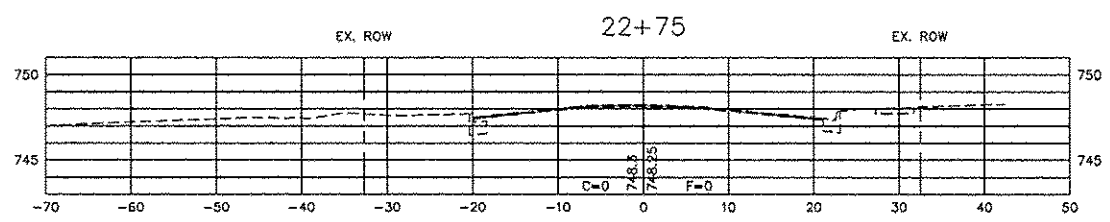
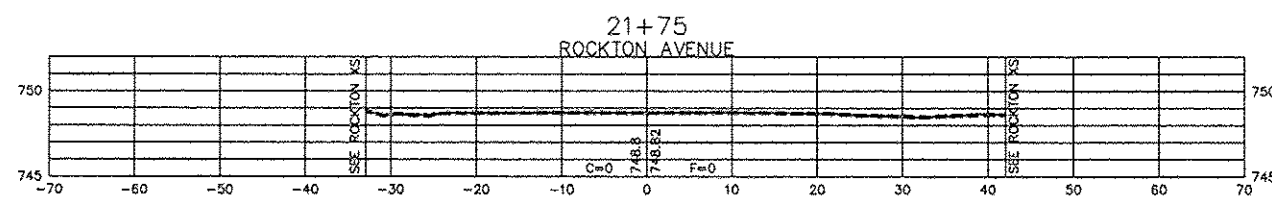
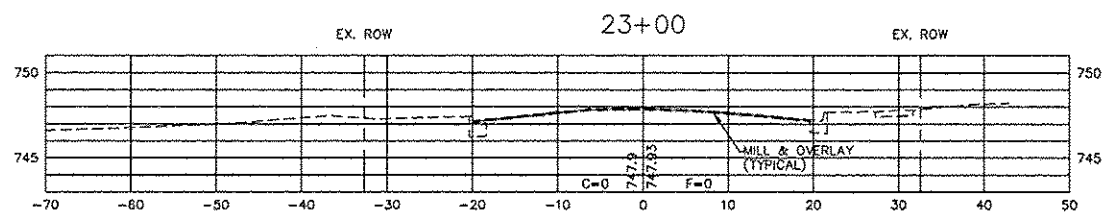
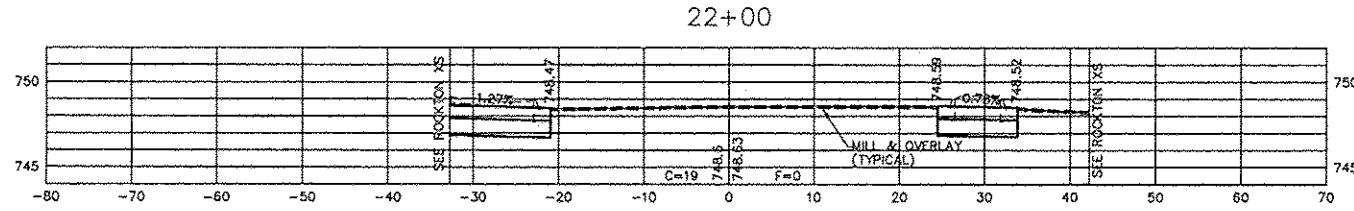
SHEET NO.	19
OF	34

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-5P	VINNEBAGO	34	20
FWWA RES	ILLINOIS PROJECT HSIP-5090 (109)	CONTRACT NO. 9309	



SHEET REVIEW	AGENCY		DATE	NO.	ITEM	DATE	PLOT SCALE: 1/1	PLOT DATE: 11/3/2014	DRAWN BY: BSL	CHECKED BY: KRL	SUBMITTAL DATE: 11/7/2014	<p>7282 Arco's Drive Rockford, Illinois 61107-5837 (815) 398-2332 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.</p>	CROSS SECTION - HALSTED RD - 16+50 - 21+00		SHEET NO. 20 OF 34
	AGENCY		DATE										ROCKTON-HALSTED HSIP IMPROVEMENTS		





SHEET REVIEW	
AGENCY	DATE

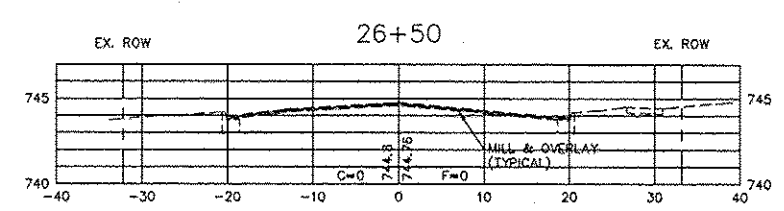
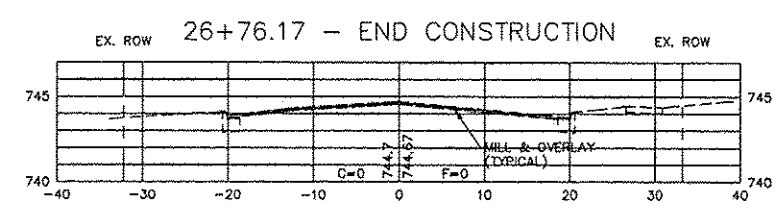
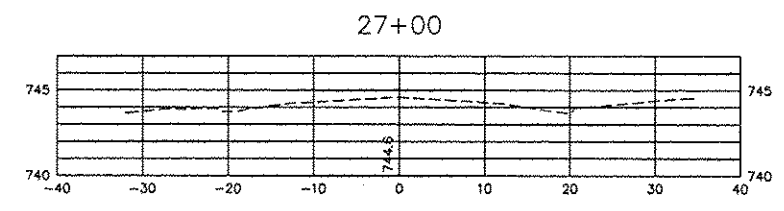
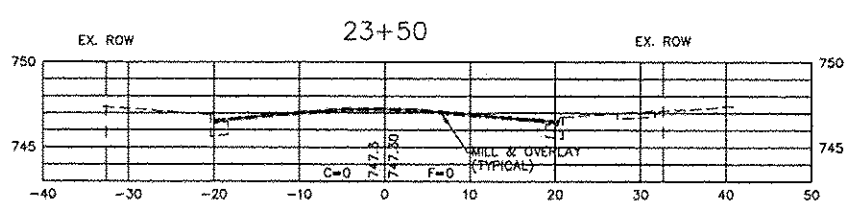
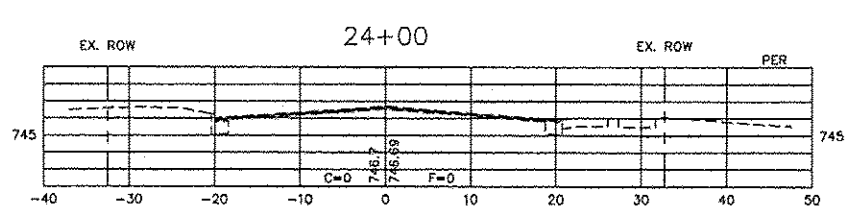
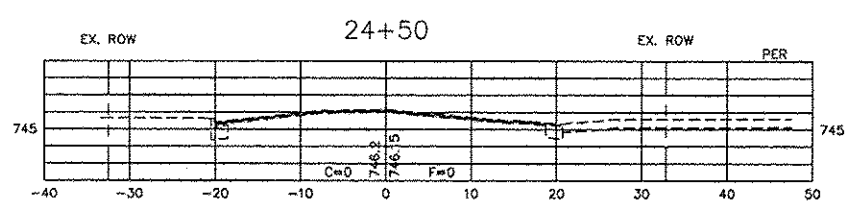
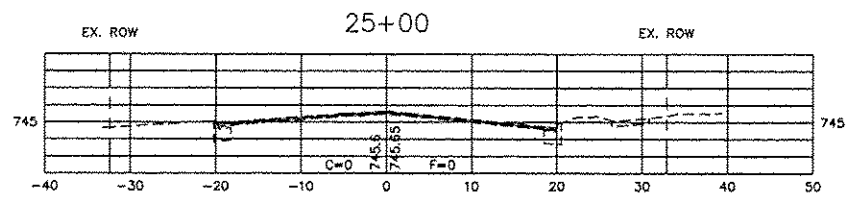
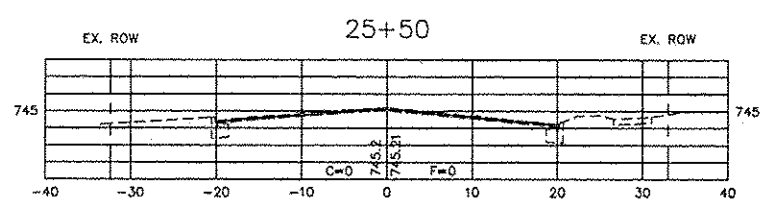
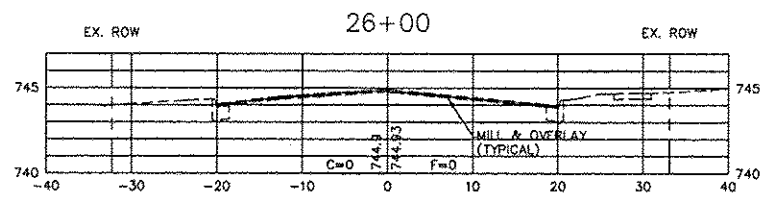
REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/3/2014
DRAWN BY:	BSL
CHECKED BY:	MRL
SUBMITTAL DATE:	11/7/2014

**McClure**  
Engineering Associates, Inc.  
7282 Arqua Drive, Rockford, Illinois 61107-6837  
(815) 398-2332, (815) 398-2498  
Design Firm License: Illinois 184-000818  
Copyright 2014 By McClure Engineering Associates, Inc.

**CROSS SECTION - HALSTED RD - 21+11.10 - 23+00**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H-111-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 X-SECTS.DWG  
MEAI JOB: 04-26-11-048

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00592-00-SP	WINNEBAGO	34	22
ILLINOIS PROJECT HSIP-5090 (100)	CONTRACT NO. 8510		



SHEET REVIEW	
AGENCY	DATE

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

SCALE:	1"=20'
DRAWN BY:	BSE
CHECKED BY:	KRL
DATE:	4/8/2014

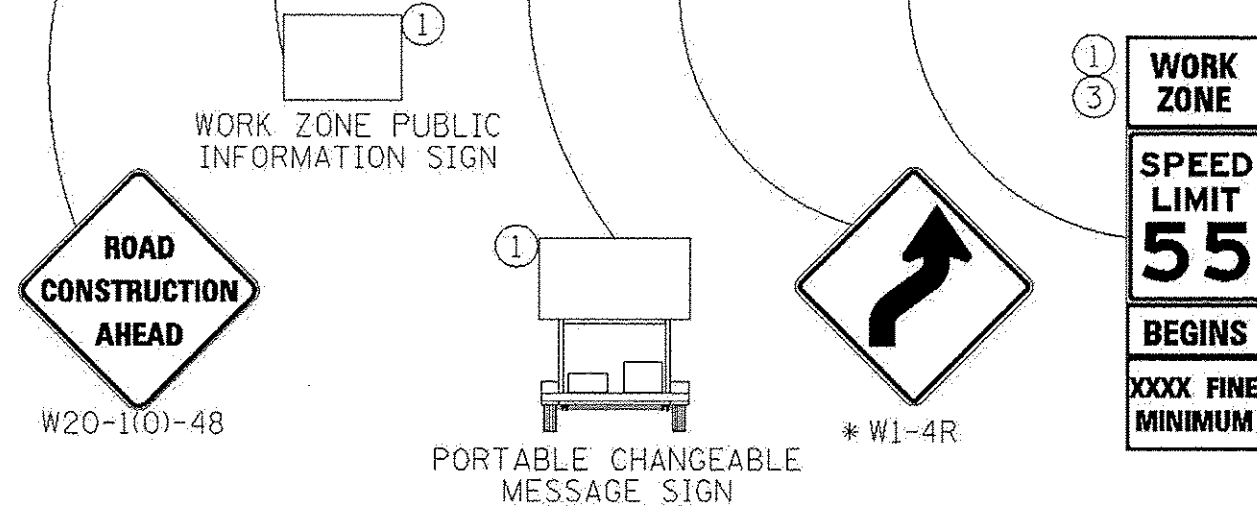
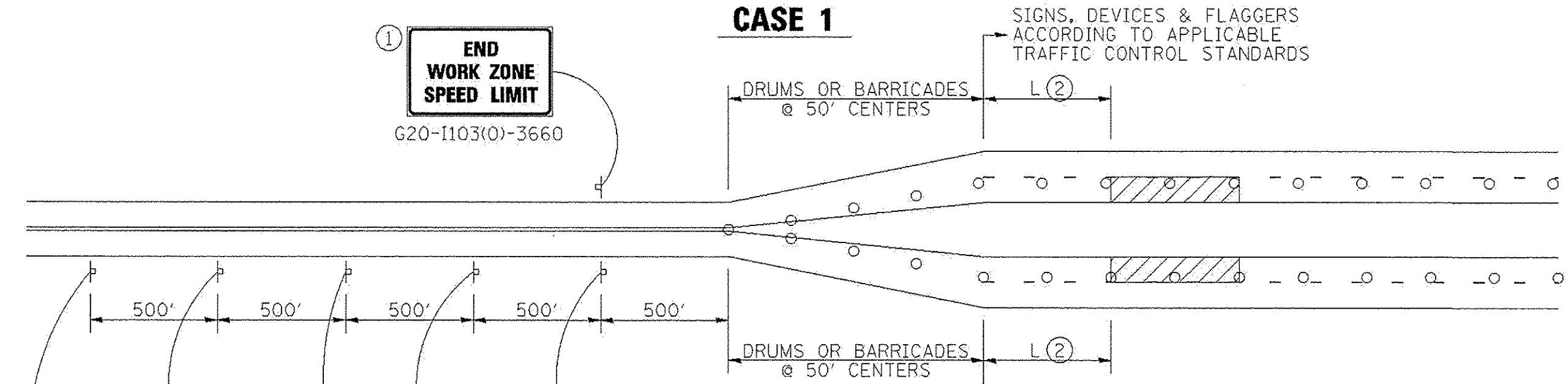
**McClure**  
Engineering Associates, Inc.  
7787 Angus Drive, Rockford, Illinois 61107-5837  
(815) 398-2332 FAX (815) 398-2466  
Design Firm License: Illinois 184-000816  
Copyright 2014 By McClure Engineering Associates, Inc.

**CROSS SECTION - HALSTED RD - 23+50 - 27+00**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS  
FILE: H-VII-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 X-SECTS.DWG MEAI JOB. 04-26-II-048

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00522-00-0P	VIHOBAGO	34	23
PROJECT	HSP-5099 (109)		
CONTRACT NO.	109A		

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 1



○ DRUMS OR BARRICADES

▨ WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

\* DEPENDS ON GEOMETRICS OF THE TRANSITION. MAY SWITCH THE "STAY IN YOUR LANE" AND "WEAVE SIGNS"

- GENERAL NOTES
- THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.
1. If applicable, use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
  2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
  3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME - District 2 Standard	USER NAME - J007/District 2	DESIGNED -	REVISED - 4-4-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO.
		CHECKED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
		DATE -	REVISED -								

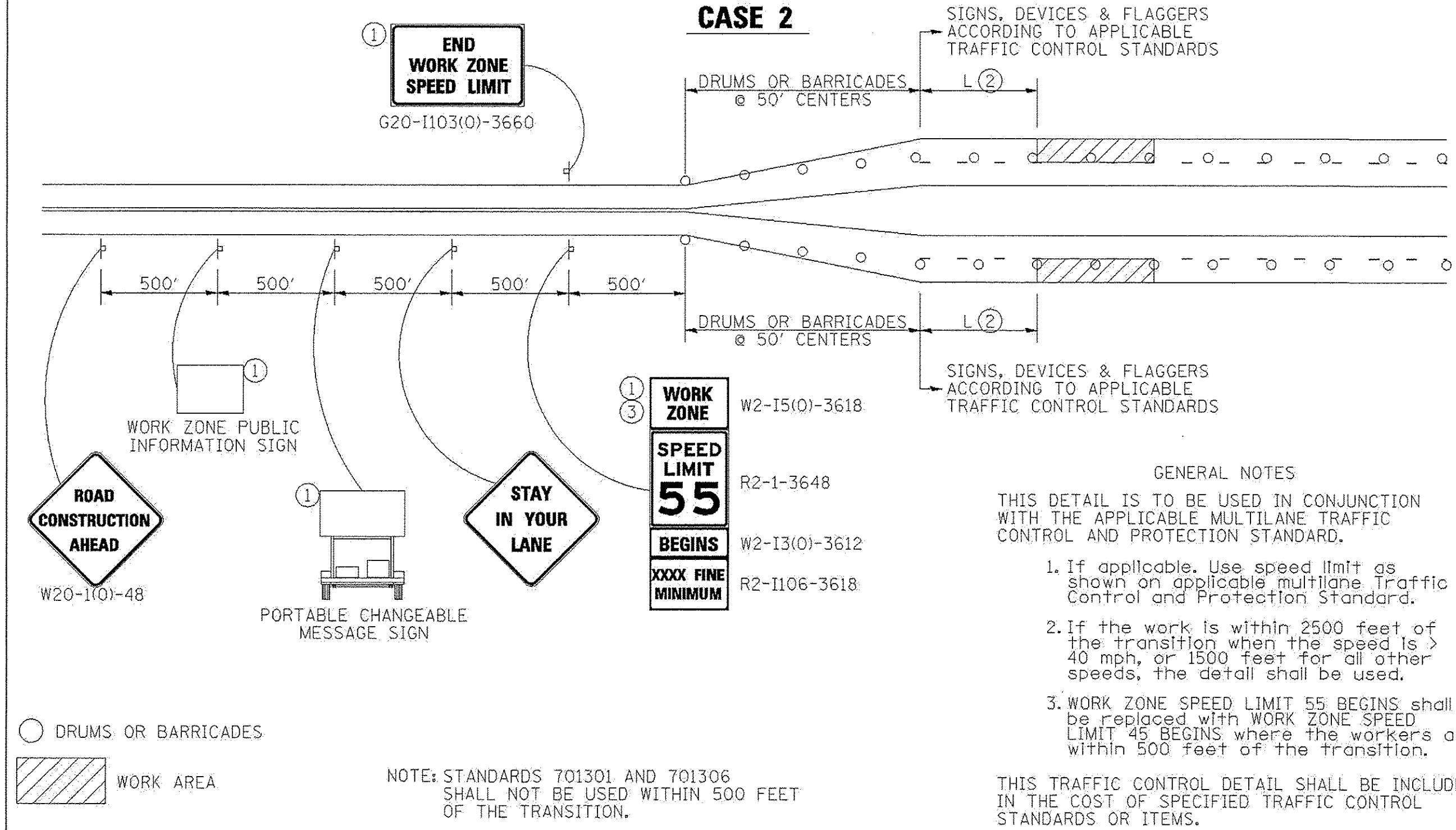
### TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 1 OF 4 38.1

<table border="1"> <tr> <th colspan="2">SHEET REVIEW</th> </tr> <tr> <th>AGENCY</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	SHEET REVIEW		AGENCY	DATE			<table border="1"> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>ITEM</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS			NO.	ITEM	DATE				<table border="1"> <tr> <td>PLOT SCALE:</td> <td>1:1</td> </tr> <tr> <td>PLOT DATE:</td> <td>11/6/2014</td> </tr> <tr> <td>DRAWN BY:</td> <td>BSL</td> </tr> <tr> <td>CHECKED BY:</td> <td>KRL</td> </tr> <tr> <td>SUBMITAL DATE:</td> <td>11/7/2014</td> </tr> </table>	PLOT SCALE:	1:1	PLOT DATE:	11/6/2014	DRAWN BY:	BSL	CHECKED BY:	KRL	SUBMITAL DATE:	11/7/2014	<p>7282 Argus Drive Rockford, Illinois 61107-5837 (815) 398-2332 FAX (815) 398-2498 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.</p>	<table border="1"> <tr> <th colspan="2">IDOT DISTRICT 2 HIGHWAY STANDARDS</th> </tr> <tr> <th colspan="2">ROCKTON-HALSTED HSP IMPROVEMENTS</th> </tr> <tr> <td>N. ROCKTON AVENUE / HALSTED ROAD</td> <td>ROCKFORD, ILLINOIS</td> </tr> <tr> <td colspan="2">FILE: H-VH-048 ROCKTON-HALSTED HSP/DESIGN/DRAWINGS/H-048 DETAILS.DWG</td> </tr> <tr> <td colspan="2">MEAI JOB: 04-26-H-048</td> </tr> </table>	IDOT DISTRICT 2 HIGHWAY STANDARDS		ROCKTON-HALSTED HSP IMPROVEMENTS		N. ROCKTON AVENUE / HALSTED ROAD	ROCKFORD, ILLINOIS	FILE: H-VH-048 ROCKTON-HALSTED HSP/DESIGN/DRAWINGS/H-048 DETAILS.DWG		MEAI JOB: 04-26-H-048		<table border="1"> <tr> <td>SHEET NO.</td> <td>23</td> </tr> <tr> <td>OF</td> <td>34</td> </tr> </table>	SHEET NO.	23	OF	34
	SHEET REVIEW																																											
AGENCY	DATE																																											
REVISIONS																																												
NO.	ITEM	DATE																																										
PLOT SCALE:	1:1																																											
PLOT DATE:	11/6/2014																																											
DRAWN BY:	BSL																																											
CHECKED BY:	KRL																																											
SUBMITAL DATE:	11/7/2014																																											
IDOT DISTRICT 2 HIGHWAY STANDARDS																																												
ROCKTON-HALSTED HSP IMPROVEMENTS																																												
N. ROCKTON AVENUE / HALSTED ROAD	ROCKFORD, ILLINOIS																																											
FILE: H-VH-048 ROCKTON-HALSTED HSP/DESIGN/DRAWINGS/H-048 DETAILS.DWG																																												
MEAI JOB: 04-26-H-048																																												
SHEET NO.	23																																											
OF	34																																											

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00582-09-SP	WINNEBAGO	34	24
ILLINOIS PROJECT: HSIP-5099 (100)		CONTRACT NO: 1515	

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 2



SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS

SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS

### GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME = District 2 Standard	USER NAME = J007/District 2	DESIGNED -	REVISED - 4-4-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 1/8" = 1' IN.	CHECKED -	REVISIONS	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FEB. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = Fri Apr 27 11:57:03 2011	DATE -	NO.	ITEM			DATE	CONTRACT NO.				
<b>TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 2 OF 4 38.1</b>											

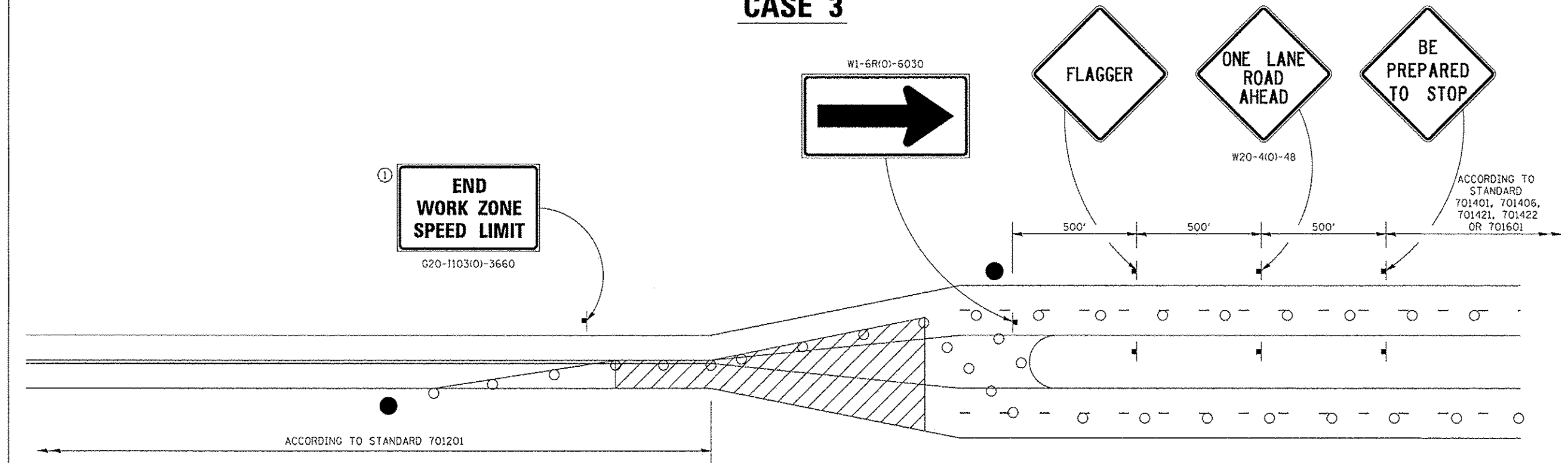
SHEET REVIEW		REVISIONS			PLOT SCALE: 1/1	<b>McClure</b> Engineering Associates, Inc. 7287 Argus Drive Rockford, IL 61107-5837 (815) 398-2332 Design Firm License: Illinois 184-000810 Copyright 2014 By McClure Engineering Associates, Inc.	<b>IDOT DISTRICT 2 HIGHWAY STANDARDS</b>		SHEET NO. 24 OF 34
AGENCY	DATE	NO.	ITEM	DATE	PLOT DATE: 11/8/2014		ROCKTON-HALSTED HSIP IMPROVEMENTS		
					DRAWN BY: BSL		N. ROCKTON AVENUE / HALSTED ROAD		
					CHECKED BY: KPL		ROCKFORD, ILLINOIS		
					SUBMITTAL DATE: 11/7/2014	FILE H:\M-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\H-048 DETAILS.DWG		MEAI JOB 04-26-II-048	



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-SP	VINNEBAGO	34	25
ILLINOIS PROJECT: HSIP-5099 (109)	CONTRACT NO. 4549		

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 3



**GENERAL NOTES**  
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

- If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
- If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
- WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME = District 2 Standard	USER NAME = 1007/District 2	DESIGNED -	REVISED - 8-27-13	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 3-05-12							
		PLOT SCALE = 1/8" = 1' / 1/4"	CHECKED -							
		PLOT DATE = Tue Jul 22 09:26:09 2014	DATE -							
						SCALE:		SHEET NO. OF SHEETS		STA. TO STA.
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO.

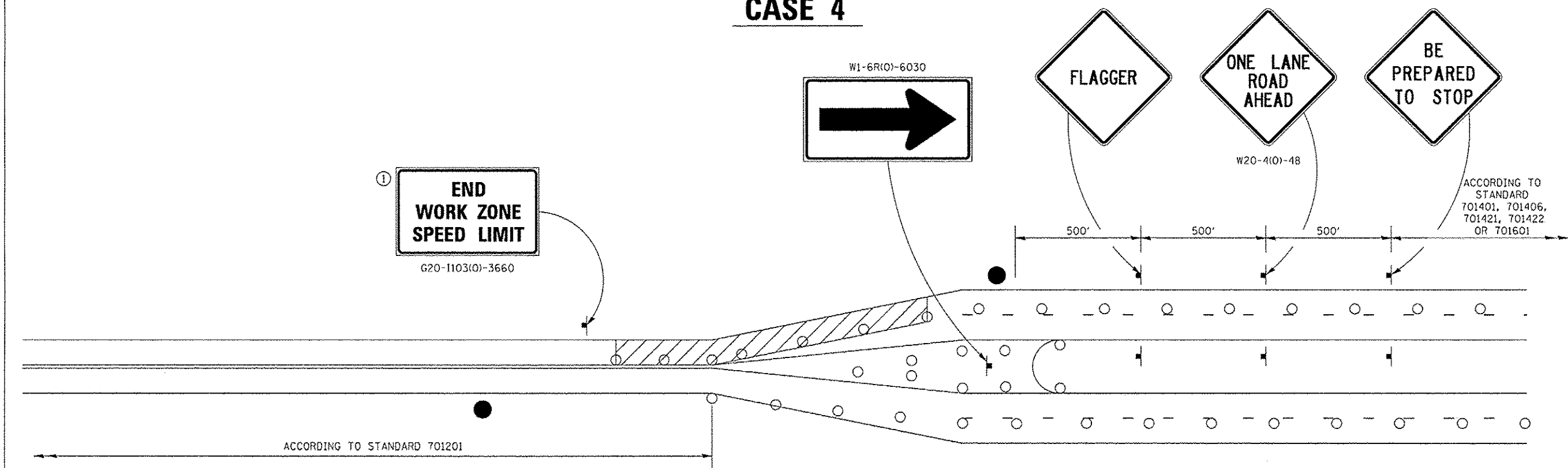
### TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 3 OF 4 38.1

	<table border="1"> <tr><th colspan="2">SHEET REVIEW</th></tr> <tr><th>AGENCY</th><th>DATE</th></tr> <tr><td> </td><td> </td></tr> </table>	SHEET REVIEW		AGENCY	DATE			<table border="1"> <tr><th colspan="3">REVISIONS</th></tr> <tr><th>NO.</th><th>ITEM</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	REVISIONS			NO.	ITEM	DATE				PLOT SCALE: 1/1 PLOT DATE: 11/8/2014 DRAWN BY: BSL CHECKED BY: KRL SUBMITTAL DATE: 11/7/2014	 7282 Arroyo Drive Rockford, Illinois 61107-5837 (815) 398-2332 FAX (815) 398-2486 Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.	<b>IDOT DISTRICT 2 HIGHWAY STANDARDS</b> ROCKTON-HALSTED HSIP IMPROVEMENTS N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS FILE: H-11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG MEA1 JOB-04-26-11-048	SHEET NO. <b>25</b> OF <b>34</b>
SHEET REVIEW																					
AGENCY	DATE																				
REVISIONS																					
NO.	ITEM	DATE																			

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-05592-00-SP	VIRGINIA	34	26
FHWV REG	ILLINOIS	PROJECT HSIP-5000 (109)	CONTRACT NO. 8105

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 4



**GENERAL NOTES**  
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

- If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
- If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
- WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME: District 2 Standard	USER NAME: 1001/District 2	DESIGNED: -	REVISED: 8-27-13
		DRAWN: -	REVISED: 3-05-12
		CHECKED: -	REVISED: -
		DATE: -	REVISED: -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO.			
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

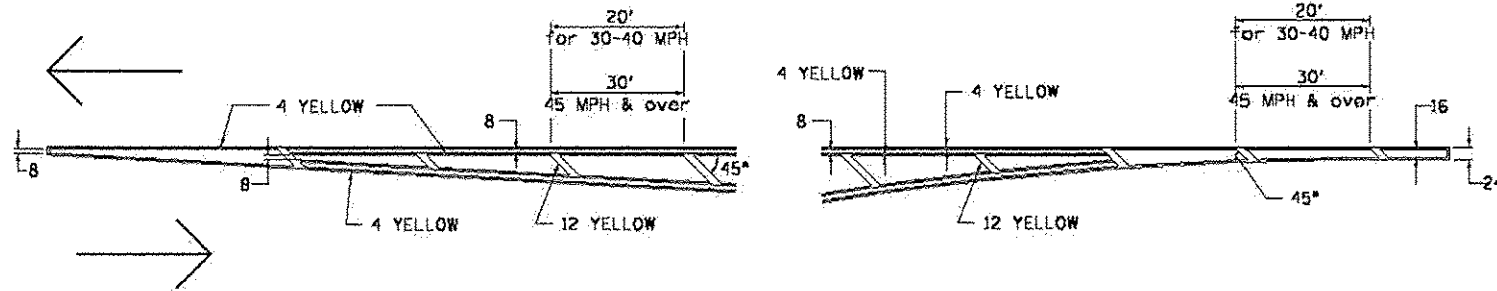
### TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 4 OF 4 38.1

	<table border="1"> <tr> <th colspan="2">SHEET REVIEW</th> </tr> <tr> <th>AGENCY</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	SHEET REVIEW		AGENCY	DATE			<table border="1"> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>ITEM</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS			NO.	ITEM	DATE				PLOT SCALE: 1/1 PLOT DATE: 11/8/2014 DRAWN BY: BSL CHECKED BY: KRL SUBMITTAL DATE: 11/7/2014	<p><b>McClure</b>          Engineering Associates, Inc.          7282 Arcus Drive, Rockford, IL 61107-5837          (815) 398-2532, (815) 398-2496          Design Firm License: Illinois 184-000816          Copyright 2014 By McClure Engineering Associates, Inc.</p>	<table border="1"> <tr> <th colspan="2">IDOT DISTRICT 2 HIGHWAY STANDARDS</th> </tr> <tr> <td colspan="2" style="text-align: center;">ROCKTON-HALSTED HSIP IMPROVEMENTS</td> </tr> <tr> <td>N. ROCKTON AVENUE / HALSTED ROAD</td> <td>ROCKFORD, ILLINOIS</td> </tr> <tr> <td colspan="2">FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG</td> </tr> <tr> <td colspan="2" style="text-align: right;">MEAI JOB: 04-26-11-048</td> </tr> </table>	IDOT DISTRICT 2 HIGHWAY STANDARDS		ROCKTON-HALSTED HSIP IMPROVEMENTS		N. ROCKTON AVENUE / HALSTED ROAD	ROCKFORD, ILLINOIS	FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG		MEAI JOB: 04-26-11-048		SHEET NO. <b>26</b> OF <b>34</b>
SHEET REVIEW																															
AGENCY	DATE																														
REVISIONS																															
NO.	ITEM	DATE																													
IDOT DISTRICT 2 HIGHWAY STANDARDS																															
ROCKTON-HALSTED HSIP IMPROVEMENTS																															
N. ROCKTON AVENUE / HALSTED ROAD	ROCKFORD, ILLINOIS																														
FILE: H:\11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG																															
MEAI JOB: 04-26-11-048																															

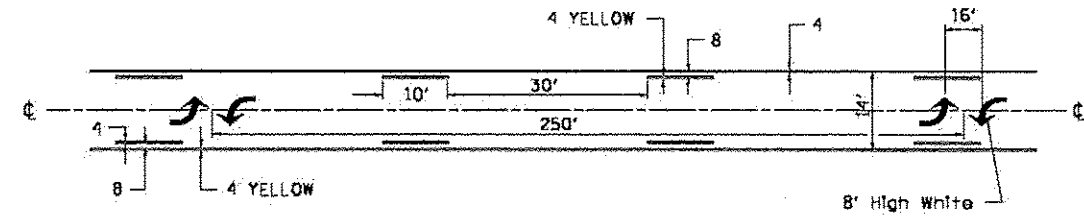
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00582-00-SP	VIRGINIA	34	27
F.A. REG. ILLINOIS PROJECT: HSIP-3069 (109)		CONTRACT NO. 8465	

# TYPICAL PAVEMENT MARKINGS

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

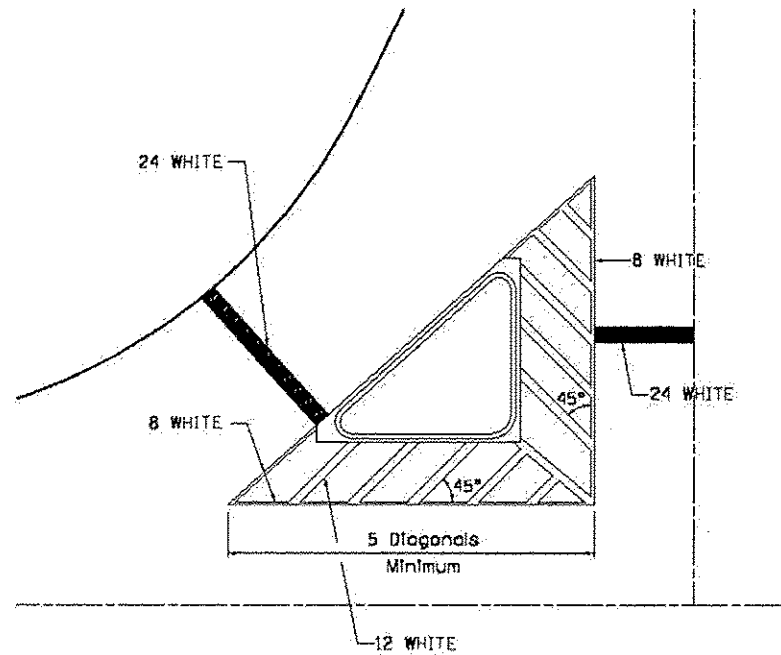


## MEDIAN PAVEMENT MARKING

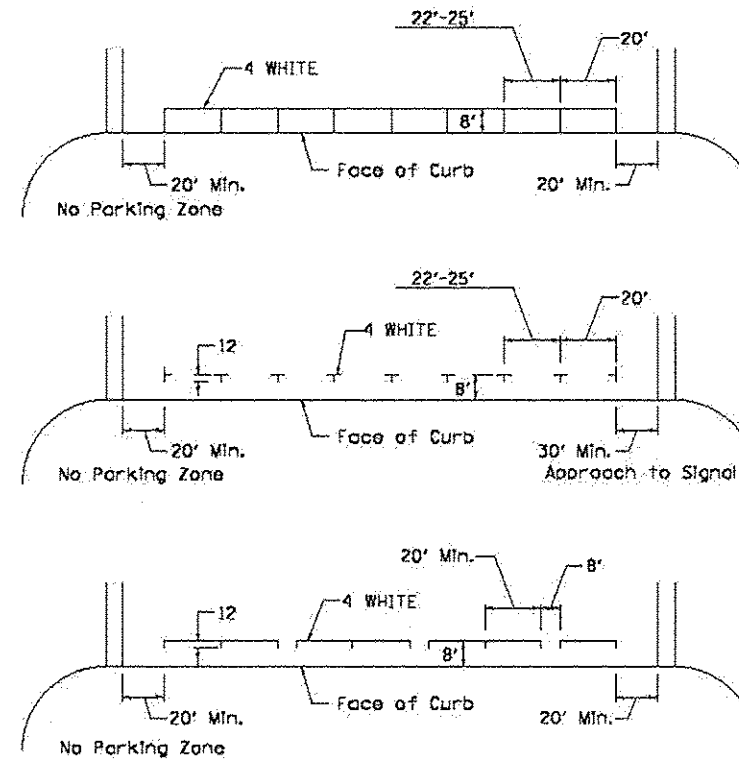


\*\* ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH

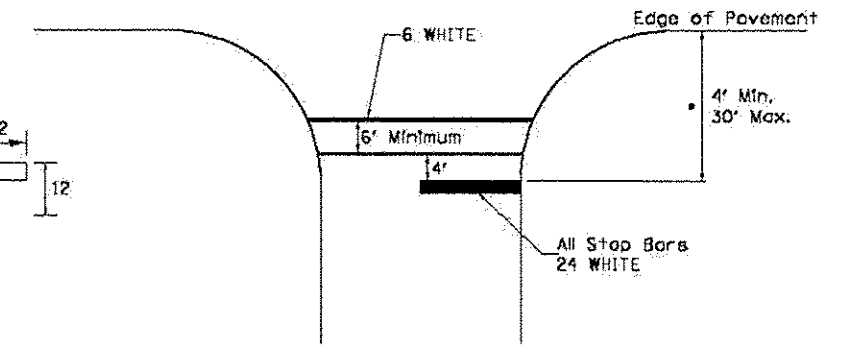


## TYPICAL PARKING SPACING



## STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME: District 2 Standard	USER NAME: IDOT/District 2	DESIGNED: -	REVISED: 10-18-11
		DRAWN: -	REVISED: -
		CHECKED: -	REVISED: -
		DATE: -	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE:	SHEET NO.:	OF SHEETS:	STA. TO STA.:	F.A. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/6/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014

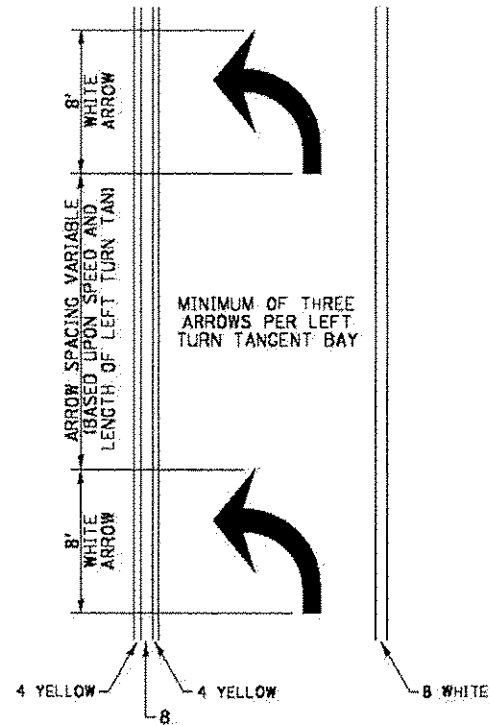
**McClure**  
Engineering Associates, Inc.  
7082 Angus Drive  
Rockford, Illinois 61107-5837  
(815) 398-2332 FAX (815) 398-2488  
Design Firm License: Illinois 184-000818  
Copyright 2011 By McClure Engineering Associates, Inc.

**IDOT DISTRICT 2 HIGHWAY STANDARDS**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H-11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG  
MEAI JOB: 04-26-H-048

SHEET NO.  
27  
OF  
34

# TYPICAL PAVEMENT MARKINGS

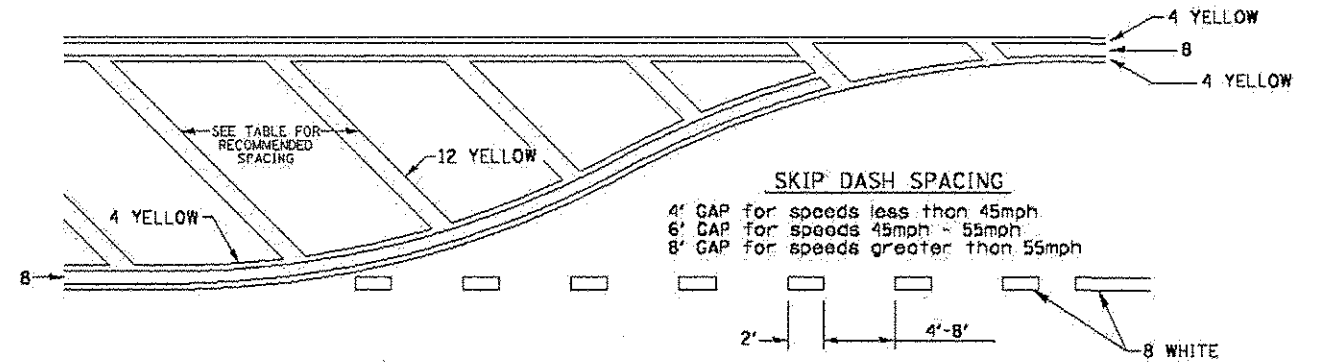
## ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

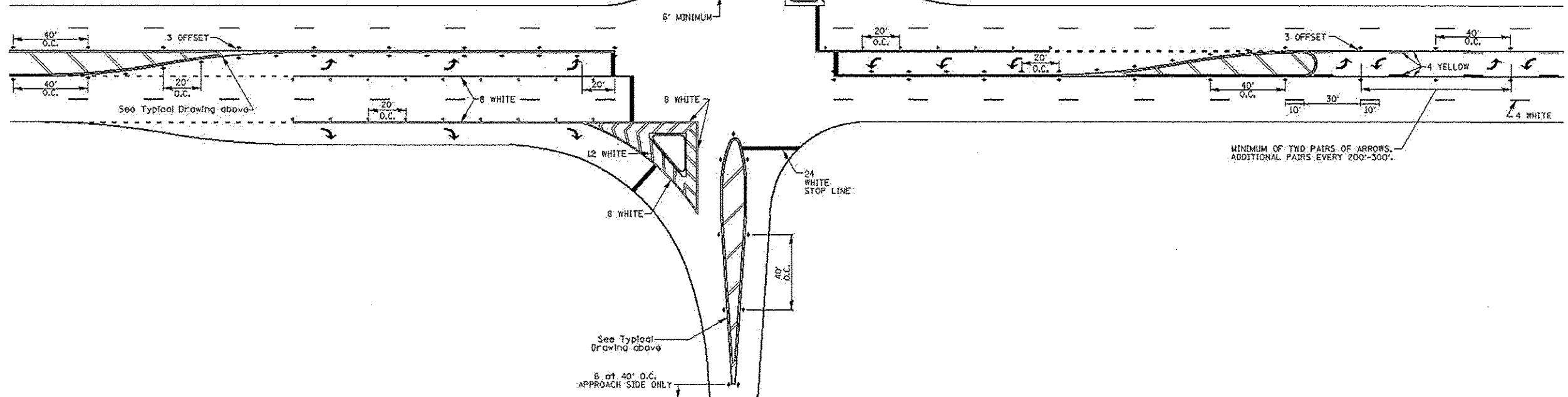
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



## RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME - District 2 Standard	USER NAME - IDOT/District 2	DESIGNED -	REVISED - 10-18-11
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

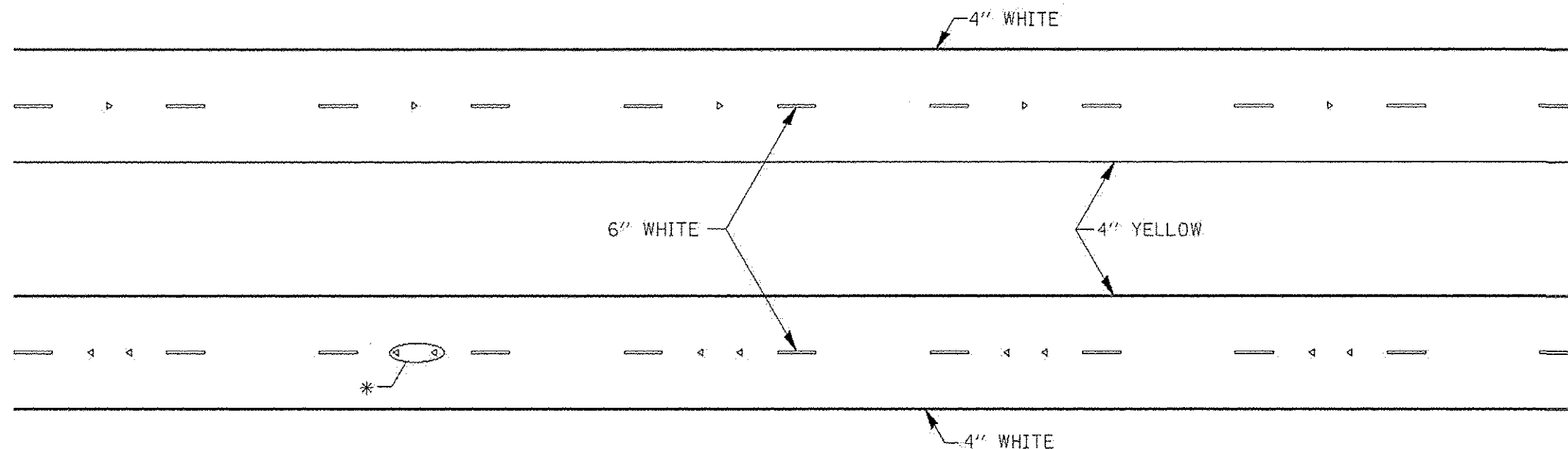
PLOT SCALE:	1:1
PLOT DATE:	11/6/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/17/2014

**McClure**  
Engineering Associates, Inc.  
7288 Argus Drive  
Rockford, Illinois 61107-5837  
(815) 398-2332 FAX (815) 398-2498  
Design Firm License: Illinois 194-000816  
Copyright 2014 By McClure Engineering Associates, Inc.

**IDOT DISTRICT 2 HIGHWAY STANDARDS**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H.NI-046 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-046 DETAILS.DWG  
MEAI JOB: 04-26-11-048

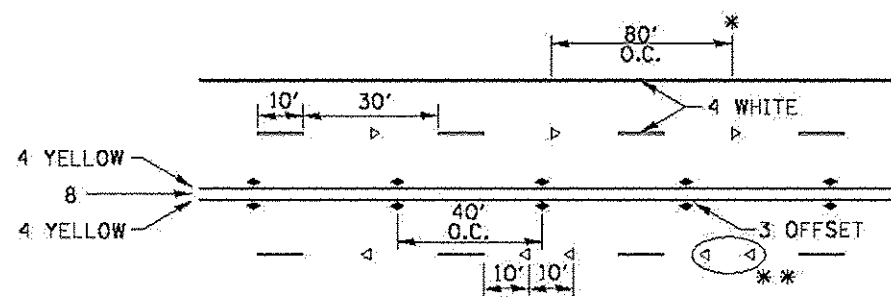
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-5P	VINNEBAGO	34	29
FHWA REG. ILLINOIS PROJECT HSIP-5090 (100)		CONTRACT NO. 4505	

# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.  
USE DOUBLE MARKERS WHEN ADT ≥ 25,000.

## MULTI-LANE / DIVIDED

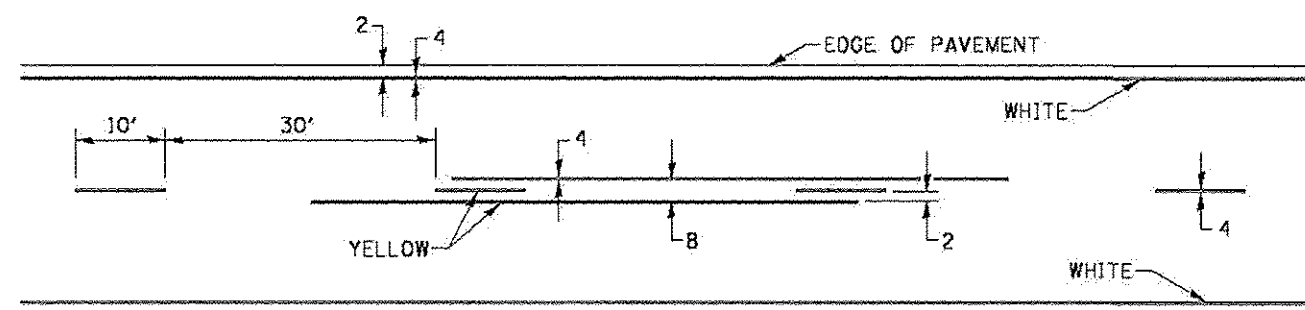


- REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT ≥ 25,000

## MULTI-LANE / UNDIVIDED

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

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



### SYMBOLS

FILE NAME: District 2 Standard	USER NAME: IDOT/District 2	DESIGNED: -	REVISED: 10-18-11
		DRAWN: -	REVISED: -
		CHECKED: -	REVISED: -
		DATE: -	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

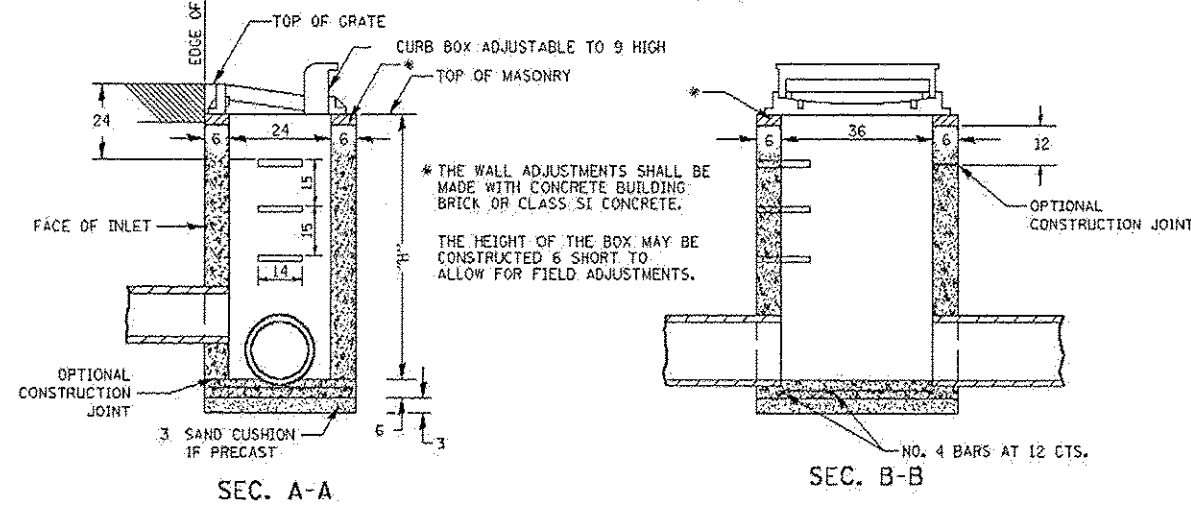
TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1

SHEET REVIEW	AGENCY	DATE	REVISIONS			PLOT SCALE: 1:1	PLOT DATE: 11/6/2014	DRAWN BY: BSL	CHECKED BY: KRL	SUBMITAL DATE: 11/7/2014		<b>IDOT DISTRICT 2 HIGHWAY STANDARDS</b> ROCKTON-HALSTED HSIP IMPROVEMENTS N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS FILE: H-11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG MEAL JOB: 04-26-11-048	SHEET NO. 29 OF 34
			NO.	ITEM	DATE								



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 12-00562-00-5P	VONDERBURG	34	30
ILLINOIS PROJECT HSIP-5099 (100)		CONTRACT NO. 4565	

# INLET SPECIAL



\* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

**NOTES**

SEE STANDARD 602T01 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

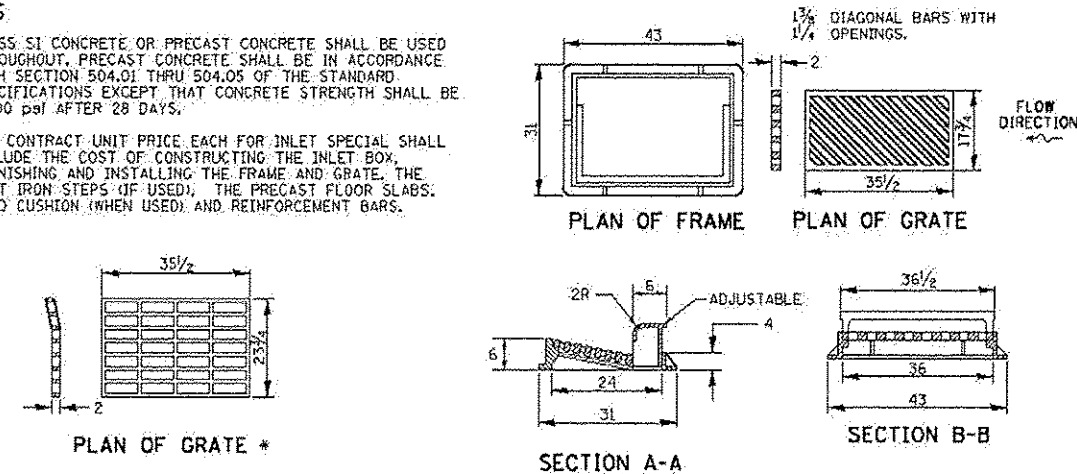
WEIGHT OF CAST IRON FRAME & GRATE = 530 lbs. ±. STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.

# DETAIL OF FRAME & GRATE

**NOTES**

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 psi AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED), AND REINFORCEMENT BARS.



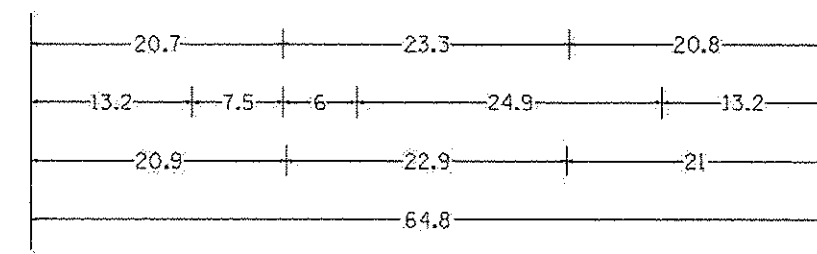
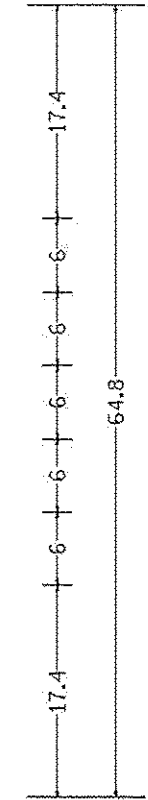
\* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-13-11	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					CONTRACT NO.				
REVISED -	SCALE: 1/8" = 1' - 0"				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
REVISED -	SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO.				

**INLET SPECIAL 10.2**

# STAY IN YOUR LANE SIGN DETAIL



48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent. Black on Orange  
 "STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;  
 Table of letter and object lefts.

S	T	A	Y		
20.7	26.8	31.6	38.0		
I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8
L	A	N	E		
20.9	25.8	33.1	39.4		

REVISED - 4-4-11	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					CONTRACT NO.				
REVISED -	SCALE: 1/8" = 1' - 0"				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
REVISED -	SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO.				

**STAY IN YOUR LANE SIGN DETAILS 40.2**

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1/1
PLOT DATE:	11/8/2014
DRAWN BY:	DSL
CHECKED BY:	MRL
SUBMITTAL DATE:	11/7/2014

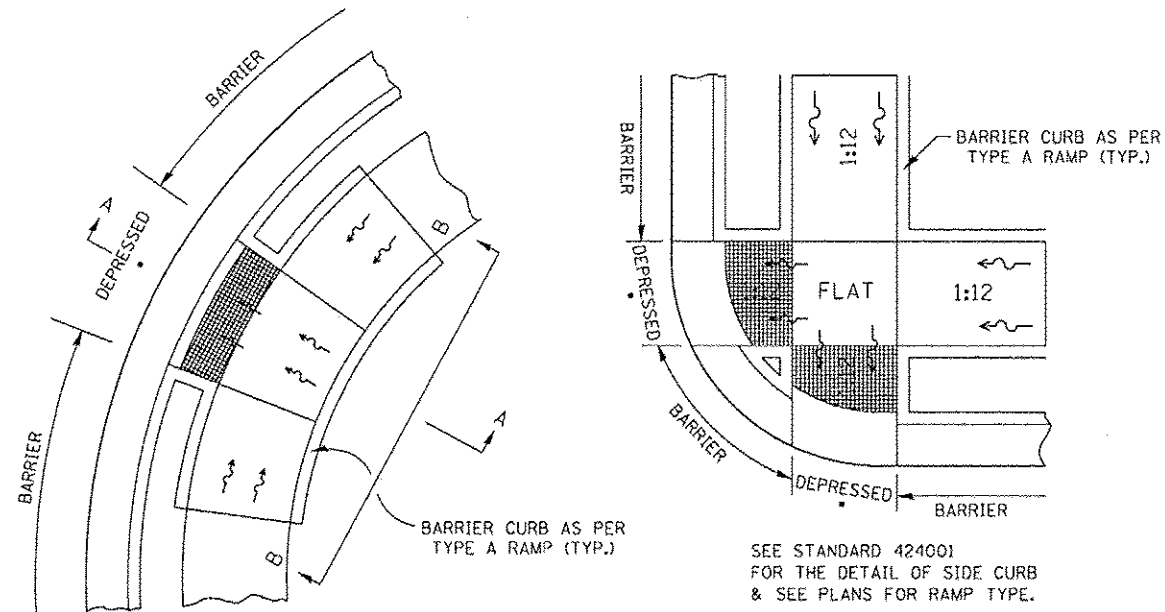
**McClure**  
 Engineering Associates, Inc.  
 7282 Argus Drive, Rockford, Illinois 61107-5837  
 (815) 398-2532 FAX (815) 398-2496  
 Design Firm License: Illinois 184-000818  
 Copyright 2014 By McClure Engineering Associates, Inc.

**IDOT DISTRICT 2 HIGHWAY STANDARDS**  
 ROCKTON-HALSTED HSIP IMPROVEMENTS  
 N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS  
 FILE: H.NI-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG  
 MSAI JOB: 04-26-II-048

SHEET NO.  
**30**  
 OF  
**34**

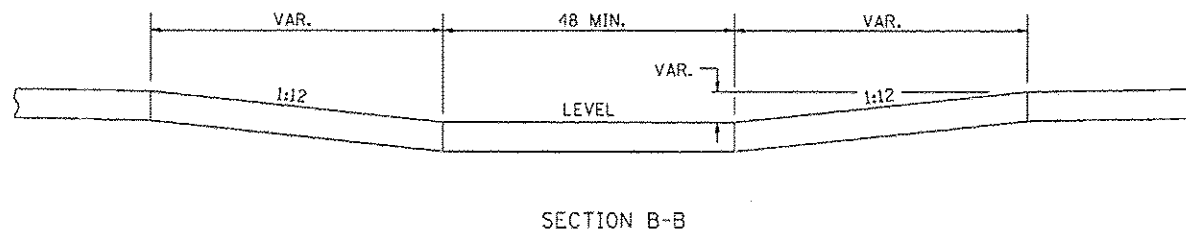
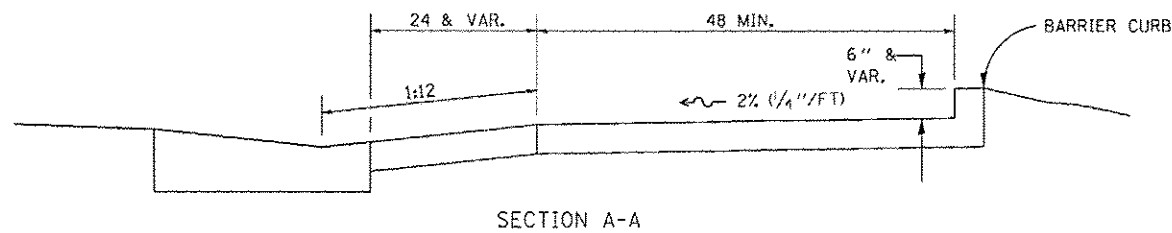
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00502-00-SP	VINNEBAGO	34	31
FHWV REG. ILLINOIS PROJECT HSIP-5099 (109)		CONTRACT NO. 8508	

# CURB RAMP DETAILS



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

• SEE NOTE BELOW



NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001. THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4\"/>

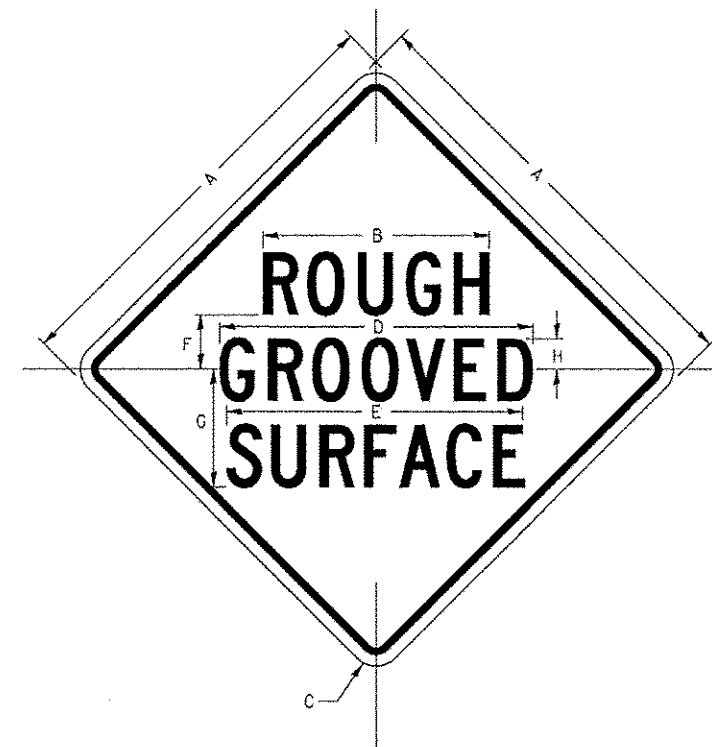
PLOT DATE = 11/17/2014 10:27:44 AM

REVISED - 8-27-13	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-14-11						
REVISED -						
REVISED -	SCALE: 1/8\"/>					

**CURB RAMP DETAILS 60.2**

# ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107  
SIGN PANEL TYPE 1



COLOR: LEGEND AND BORDER - BLACK NON-REFLECTIVE  
BACKGROUND - ORANGE REFLECTORIZED

**GENERAL NOTES**

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS. METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCLUDED TO THE COST OF THE INSTALLATION.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
	48x48	7C	7C			

ALL DIMENSIONS IN INCHES.

PLOT DATE = 11/17/2014 10:27:44 AM

REVISED - 10-14-11	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -						
REVISED -						
REVISED -	SCALE: 1/8\"/>					

**ROUGH GROOVED SURFACE SIGN 91.2**

SHEET REVIEW		REVISIONS	
AGENCY	DATE	NO.	DATE

NO.	DATE

NO.	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/8/2014
DRAWN BY:	BSL
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014

**McClure**  
Engineering Associates, Inc.  
7287 Arcus Drive, Rockford, Illinois 61107-5837  
(815) 398-2132 Fax: (815) 398-2496  
Design Firm License: Illinois 184-000818  
Copyright 2014 By McClure Engineering Associates, Inc.

**IDOT DISTRICT 2 HIGHWAY STANDARDS**  
ROCKTON-HALSTED HSIP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD ROCKFORD, ILLINOIS  
FILE: H-11-048 ROCKTON-HALSTED HSIP\DESIGN\DRAWINGS\11-048 DETAILS.DWG MEAF JOB 04-26-11-048

SHEET NO. 31 OF 34

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 12-00592-00-SP	WINNEBAGO	36	32
ILLINOIS PROJECT: HSIP-5099 (109)	CONTRACT NO. 8565		

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

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

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 3-1/2" IN DIAMETER AND 9" DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4" X 18" SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

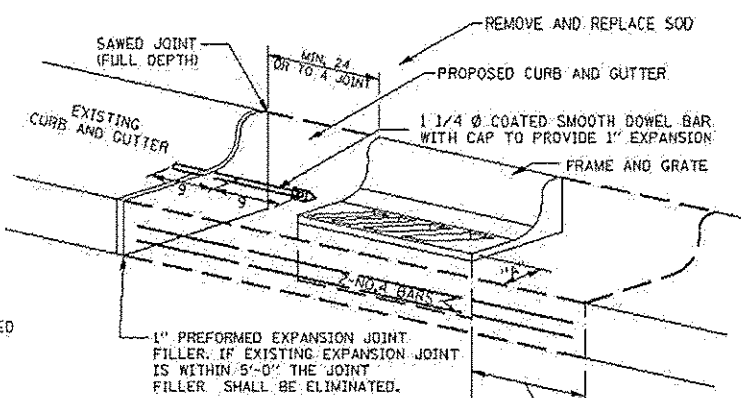
JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

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

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

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

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



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

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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 8-30-11	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
REVISED -					
REVISED -					
SCALE: 1/8" = 1'-0"	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO.		
FEB. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

**CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4**

SHEET REVIEW	
AGENCY	DATE

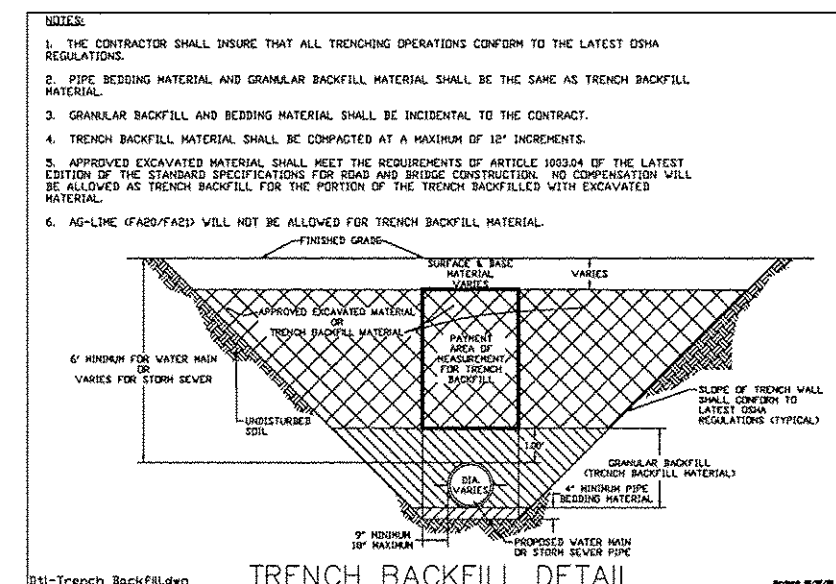
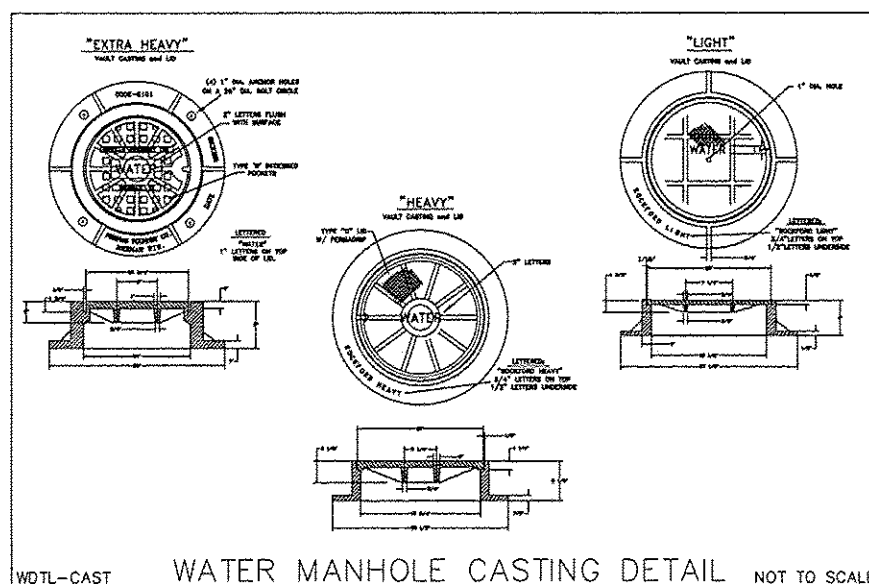
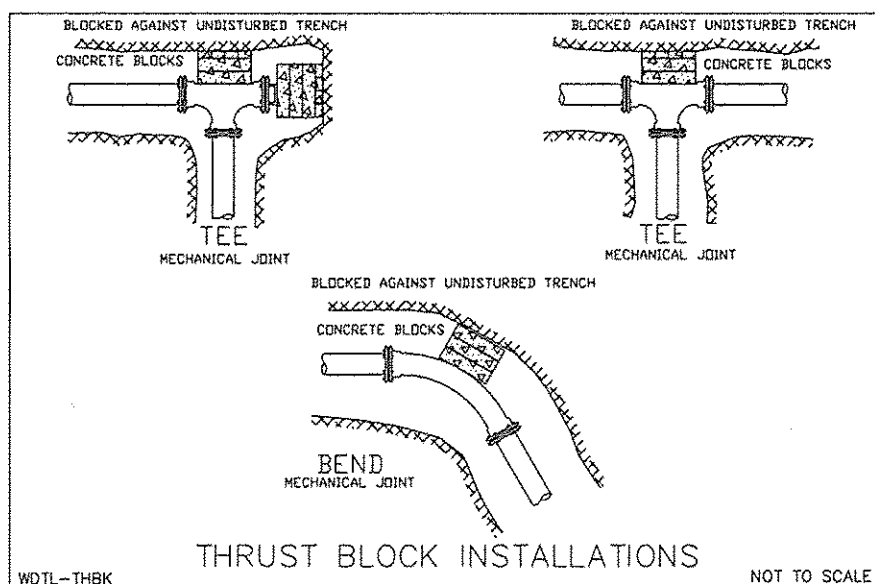
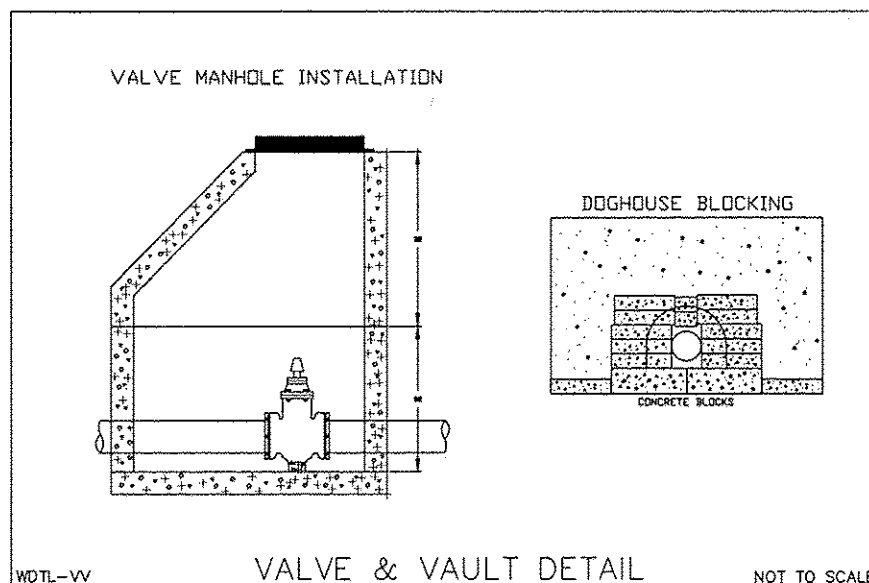
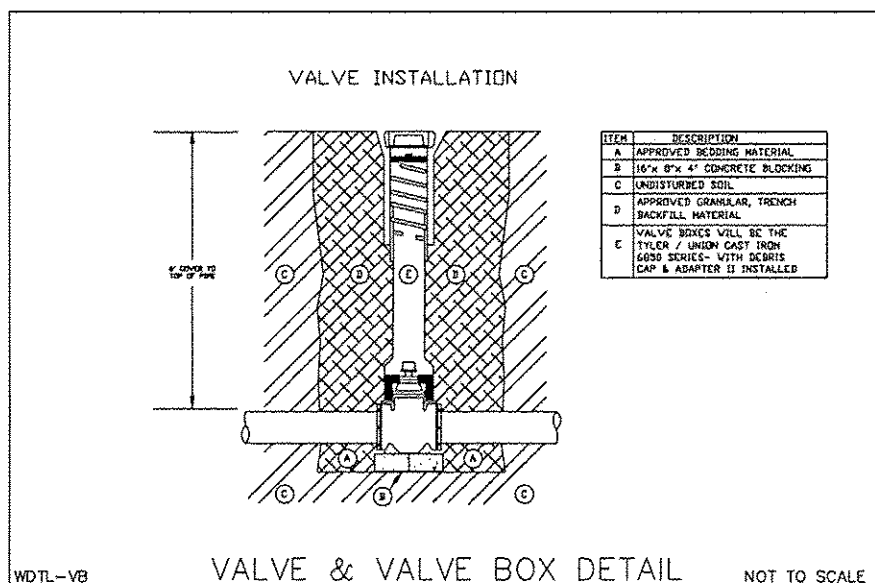
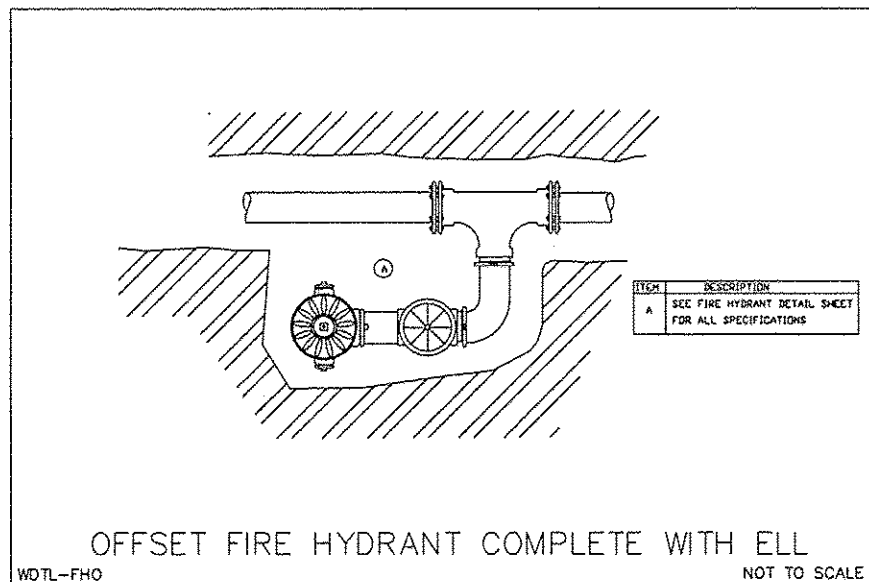
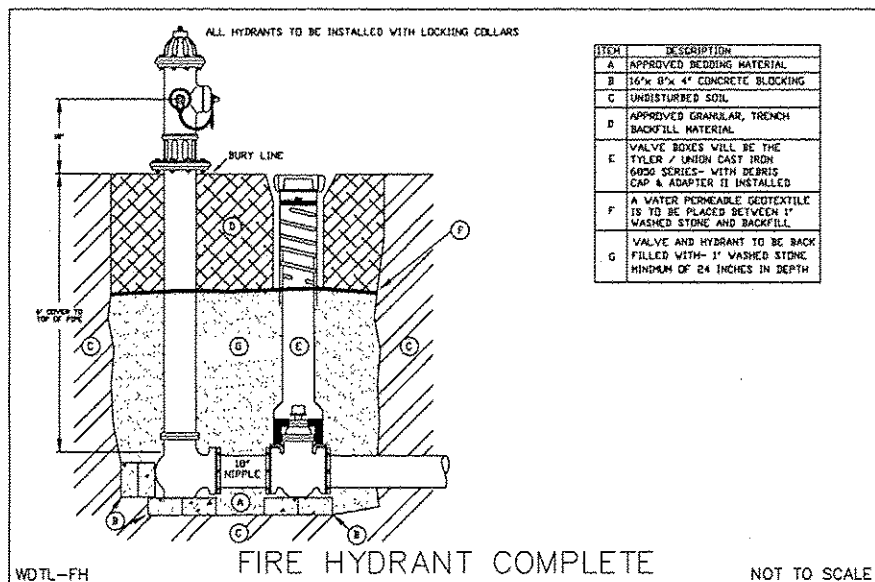
REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1" = 1'
PLOT DATE:	11/4/2014
DRAWN BY:	BGL
CHECKED BY:	MRL
SUBMITAL DATE:	11/7/2014

<b>McClure</b> Engineering Associates, Inc.	
7282 Argus Drive (615) 396-2332	Rockford, Illinois 61107-5837 FAX (615) 396-2486
Design Firm License: Illinois 184-000816 Copyright 2014 By McClure Engineering Associates, Inc.	

<b>IDOT DISTRICT 2 HIGHWAY STANDARDS</b>	
ROCKTON-HALSTED HSIP IMPROVEMENTS	
N. ROCKTON AVENUE / HALSTED ROAD	ROCKFORD, ILLINOIS
FILE H-111-048 ROCKTON-HALSTED HSIP DESIGN DRAWINGS 11-048 DETAILS.DWG	
MEAI JOB 04-26-H-048	

SHEET NO.	32
OF	34



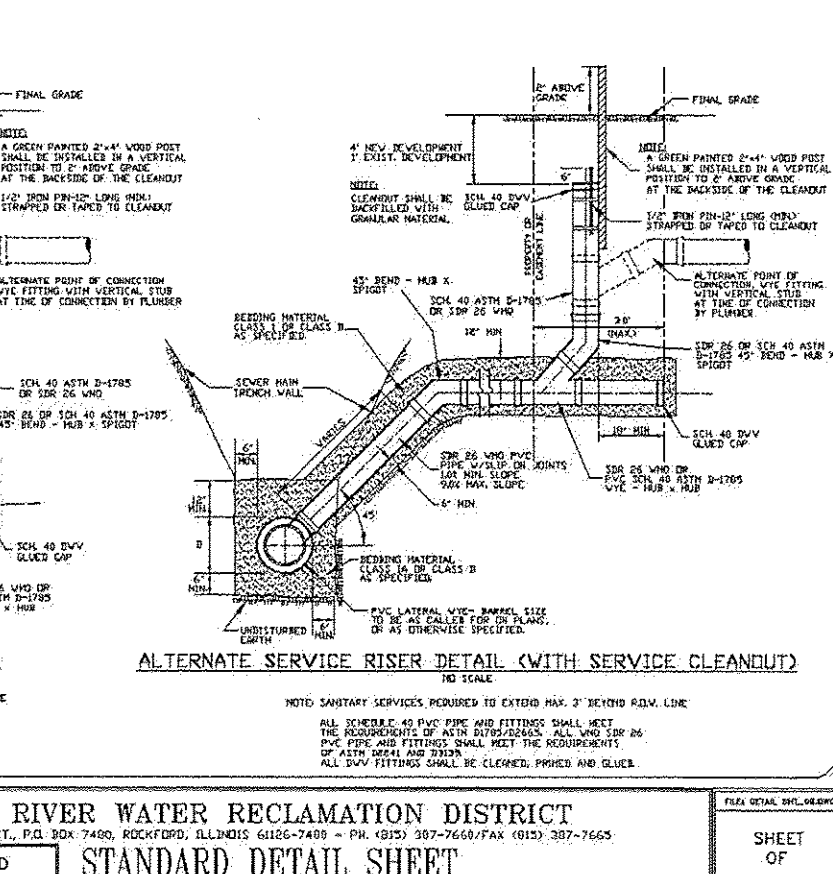
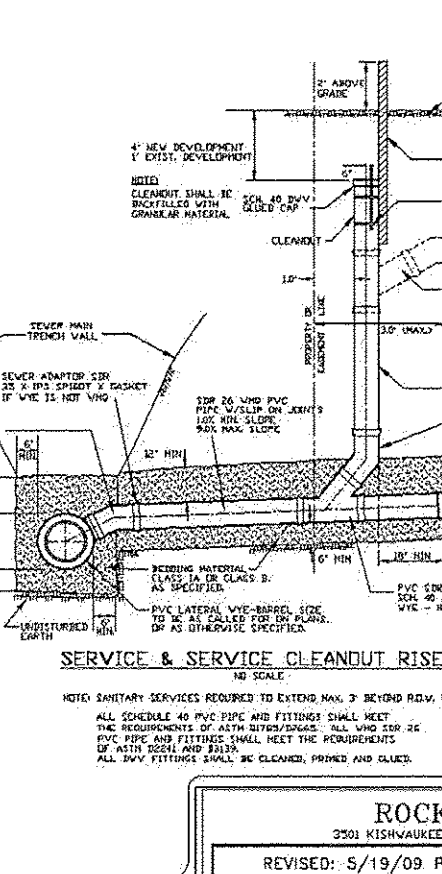
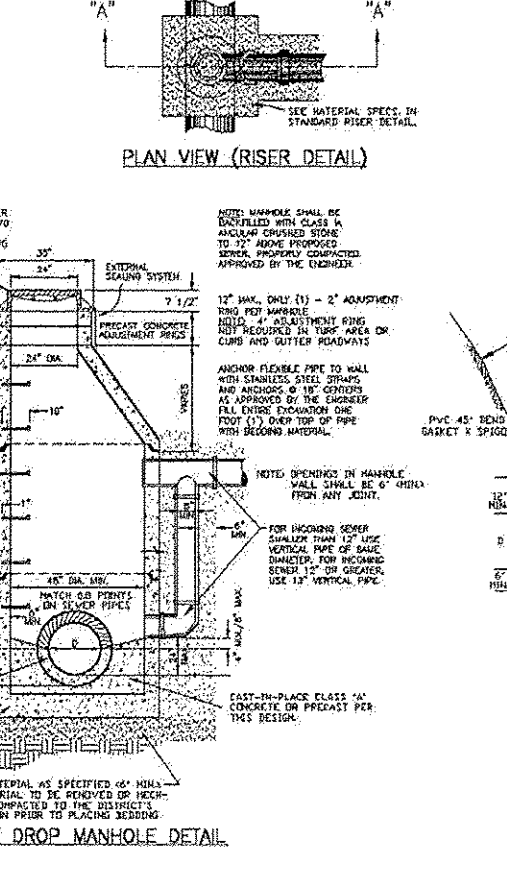
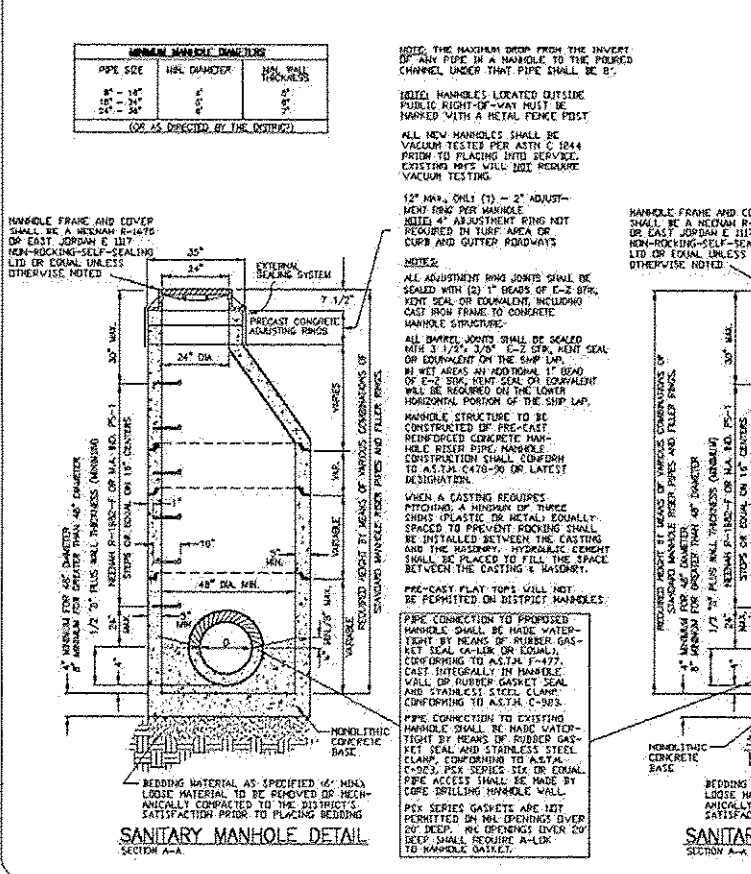
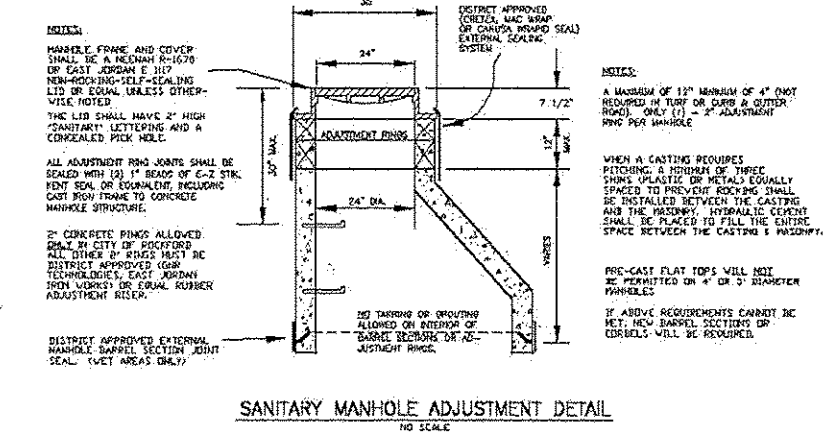
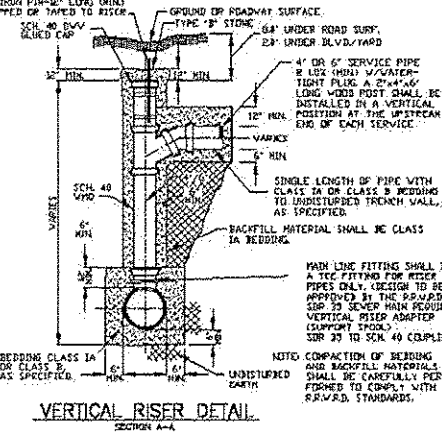
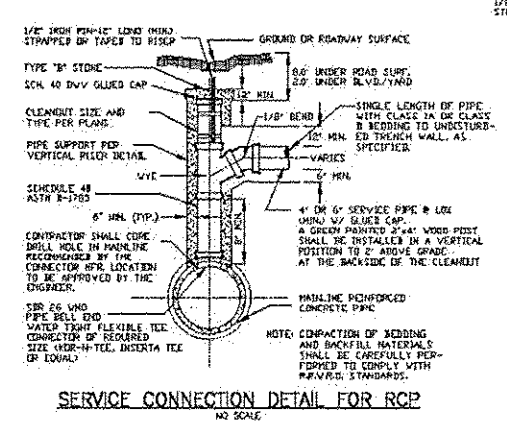
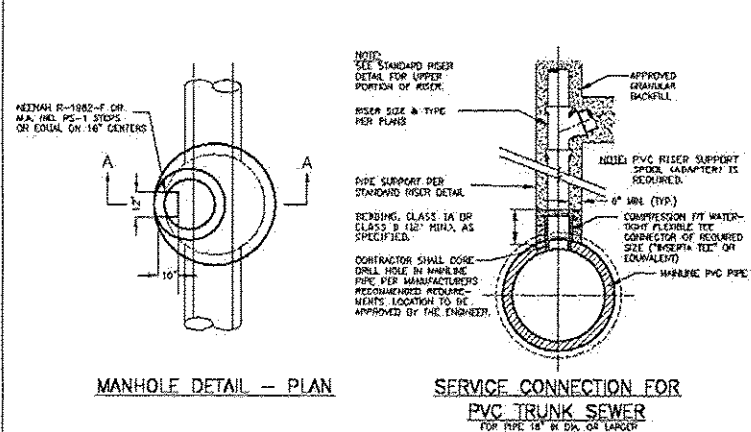
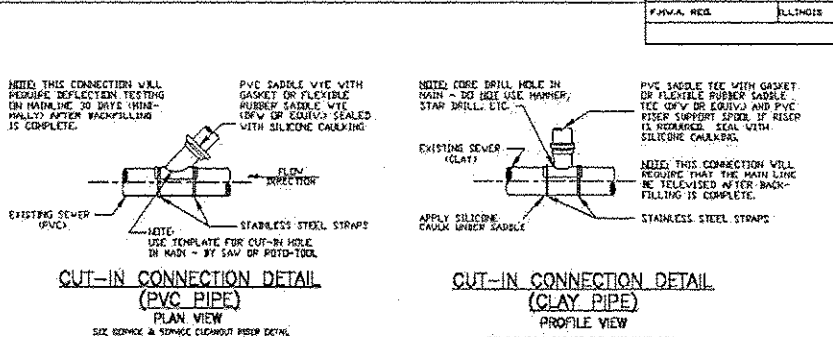
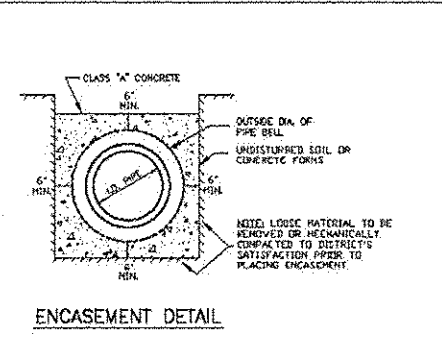
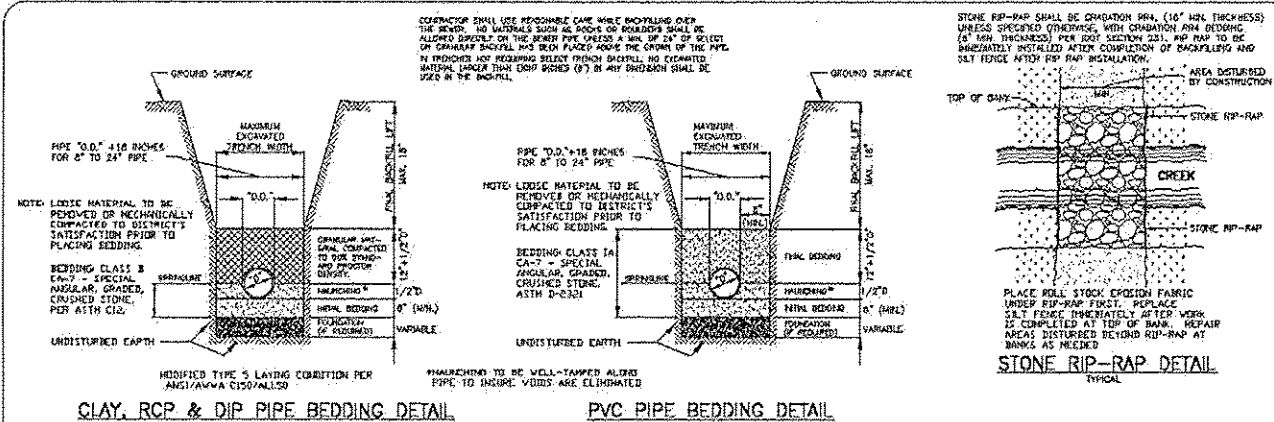
SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	1:1
PLOT DATE:	11/6/2014
DRAWN BY:	RS
CHECKED BY:	KRL
SUBMITTAL DATE:	11/7/2014

**McClure**  
Engineering Associates, Inc.  
7282 Argus Drive  
Rockford, Illinois 61107-5832  
(815) 395-2332 FAX (815) 395-2496  
Design Firm License: Illinois 184-000816  
Copyright 2014 By McClure Engineering Associates, Inc.

**CITY OF ROCKFORD STANDARD DETAILS**  
ROCKTON-HALSTED HSP IMPROVEMENTS  
N. ROCKTON AVENUE / HALSTED ROAD  
ROCKFORD, ILLINOIS  
FILE: H-VI-048 ROCKTON-HALSTED HSP\DESIGN\DRAWINGS\VI-048 DETAILS.DWG  
MEAI JOB: 04-26-II-048



PIPE SIZE	MIN. DIAMETER	MIN. WALL THICKNESS
18"	18"	1/2"
24"	24"	3/4"
30"	30"	1"

**ROCK RIVER WATER RECLAMATION DISTRICT**  
 3501 KISHWAUKEE ST., P.O. BOX 7490, ROCKFORD, ILLINOIS 61106-7490 - PH. (815) 397-7660/FAX (815) 397-7665  
 REVISED: 5/19/09 PAD **STANDARD DETAIL SHEET**