

FOR INDEX OF SHEETS, SEE SHEET NO. 02

DESIGN DESIGNATIONS

ALIGNMENT	CLASSIFICATION	DESIGN SPEED	POSTED SPEED	ADT (YEAR)
MANNHEIM ROAD (US 12/20/45) (FAP 330)	PRINCIPAL ARTERIAL	35 MPH	35 MPH	42,000 (2011)

08-01-14 LETTING ITEM 043

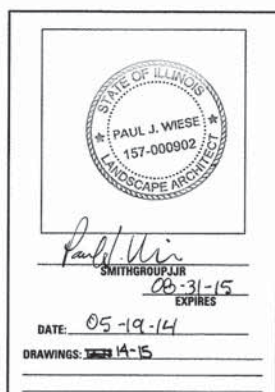
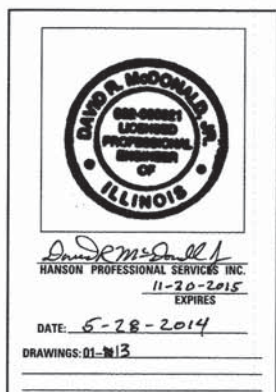
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAP 330 US 12/20/45 (MANNHEIM ROAD)
GLADYS AVENUE TO MADISON STREET
STREETScape & LANDSCAPING

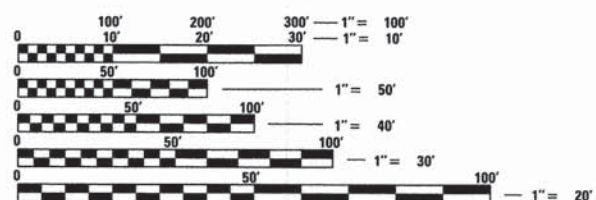
SECTION NO.: 06-00045-02-LS
PROJECT: TE-00D1(960)
VILLAGE OF HILLSIDE
COOK COUNTY
JOB: C-91-316-14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	01
		ILLINOIS	CONTRACT NO. 61A58	



PROJECT ENDS
STATION 95 + 49.00

PROJECT BEGINS
STATION 79 + 26.00

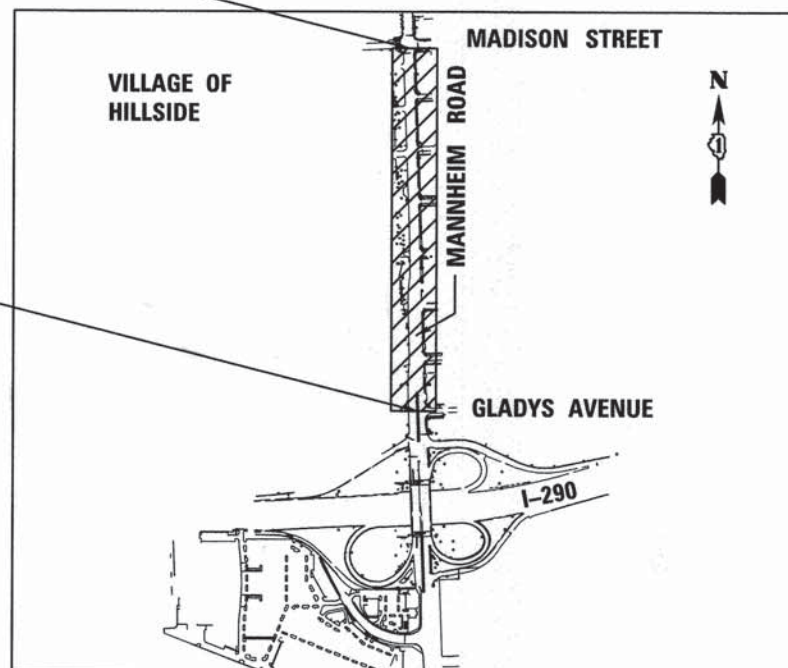


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER (CIVIL): DAVID McDONALD (HANSON)
PROJECT ARCHITECT: PAUL WIESE (JJR)
PROJECT MANAGER: DAVID PETERS (HANSON)

CONTRACT NO. 61A58



SE 1/4 SEC. 7, SW 1/4 SEC. 8, NW 1/4 SEC. 17, & NE 1/4 SEC. 18, T-39N, R-12E
PROVISO TOWNSHIP 3RD P.M.

LOCATION MAP

GROSS LENGTH = 1623 FT. = (0.3 MILE)
NET LENGTH = 1623 FT. = (0.3 MILE)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED MAY 28 20 14
John H. Peters
VILLAGE OF HILLSIDE, DIRECTOR OF PUBLIC WORKS

PASSED MAY 30 20 14
G. J. Holder
DISTRICT 1, ENGINEER OF LOCAL ROAD & STREETS

RELEASED FOR BID
BASED ON LIMITED
REVIEW JUNE 2 20 14
John F. Peters
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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OF THE STATE OF ILLINOIS**



VILLAGE OF HILLSIDE
425 Hillside Avenue
Hillside, Illinois 60162
Telephone: 708.202.3434
Fax: 708.202.3432



815 Commerce Drive Suite 200
Oak Brook, Illinois 60523
Telephone: 630.990.3800
Fax: 630.990.3801



FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E., TEL. 847-705-4021 SCHAUMBURG, IL










GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800)892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
2. CONTRACTOR SHALL COORDINATE WITH IDOT'S UTILITY CONTRACTOR "MEADE" (630) 571-7200 FOR UTILITY LOCATES FOR IDOT OWNED FACILITIES.
3. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF HILLSIDE.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND MR. JOSEPH PISANO 708-202-3434 AT THE VILLAGE OF HILLSIDE A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 AND THE MUNICIPALITIES A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES WITHIN IDOT JURISDICTION.
7. EXACT LOCATIONS AND LIMITS OF REMOVALS SHALL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AT THE TIME OF CONSTRUCTION.
8. CENTERLINES ARE APPROXIMATE AND SHALL BE USED FOR LOCAL REFERENCE ONLY.
9. NO STOCKPILING OF MATERIAL ON THE JOB SITE IS PERMITTED.
10. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS OR RESTORATION TO ITEMS DAMAGED BY CONSTRUCTION OR CONSTRUCTION EQUIPMENT AT NO ADDITIONAL COST TO THE CONTRACT. THE DAMAGED AREAS SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER. ALL RESTORATION WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
12. ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
13. THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND LOOSE MATERIALS FROM THE ROADWAY AND ADJACENT AREAS AT THE CLOSE OF EACH WORKING DAY TO SATISFACTION OF THE FIELD ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT AND NO ADDITIONAL PAYMENT SHALL BE MADE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY UTILITY CAUSED BY CONSTRUCTION ACTIVITIES. SHOULD ANY DAMAGES OCCUR, THE CONTRACTOR SHALL NOTIFY THE FIELD ENGINEER, THE VILLAGE OF HILLSIDE, AND THE UTILITY OWNER IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DELAYS, REPAIR COSTS, AND ANY OTHER FEES ASSOCIATED WITH THE REPAIR OF THE UTILITY. THIS WORK IS NOT INCLUDED IN THIS CONTRACT AND NO PAYMENT SHALL BE MADE.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION OF DAMAGED PAVEMENT OR PAVEMENT MARKINGS AT OR NEAR TO THE IMMEDIATE VICINITY OF THE PROJECT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
16. WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE SHALL BE APPLIED PER SPECIAL PROVISIONS
17. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
18. THE FINAL INSPECTION DATE FOR PERENNIAL PLANT CARE WILL BE SEPTEMBER, 18 2015.

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES, INDEX, STANDARDS LIST
- 3 SUMMARY OF QUANTITIES
- 4 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- 5 ARTERIAL ROAD INFORMATION SIGN
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- 8 EARTHWORKS PLAN
- 9 EROSION AND SEDIMENT CONTROL PLAN
- 10 ESC SCHEDULES
- 11 SIGN AND SIGN PANEL ASSEMBLY REMOVAL PLAN
- 12 SIGNING SCHEDULE
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- 15 LANDSCAPE DETAILS

LEGEND

-  EXISTING TREE
-  EXISTING EVERGREEN TREE
-  EXISTING UTILITY STRUCTURE
-  EXISTING GUARDRAIL
-  EXISTING LIGHT POLE
-  EXISTING SIGN
-  EXISTING CONTROLLER
-  EXISTING TRAFFIC POLE
-  EXISTING FIRE HYDRANT

IDOT STANDARDS

- 000001-06: STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07: TEMPORARY EROSION CONTROL SYSTEMS
- 701101-04: OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02: OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701602-07: URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701901-03: TRAFFIC CONTROL DEVICES
- 720001-01: SIGN PANEL MOUNTING DETAILS
- 720006-04: SIGN PANEL ERECTION DETAILS
- 728001-01: TELESCOPING STEEL SIGN SUPPORT

IDOT DISTRICT DETAILS

- TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-22: ARTERIAL ROAD INFORMATION SIGN

GENERAL SPECIFICATIONS

THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE FOLLOWING:

"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2014.

"HIGHWAY STANDARDS" ILLINOIS DEPARTMENT OF TRANSPORTATION.

"MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2009 EDITION, REVISIONS 1 AND 2

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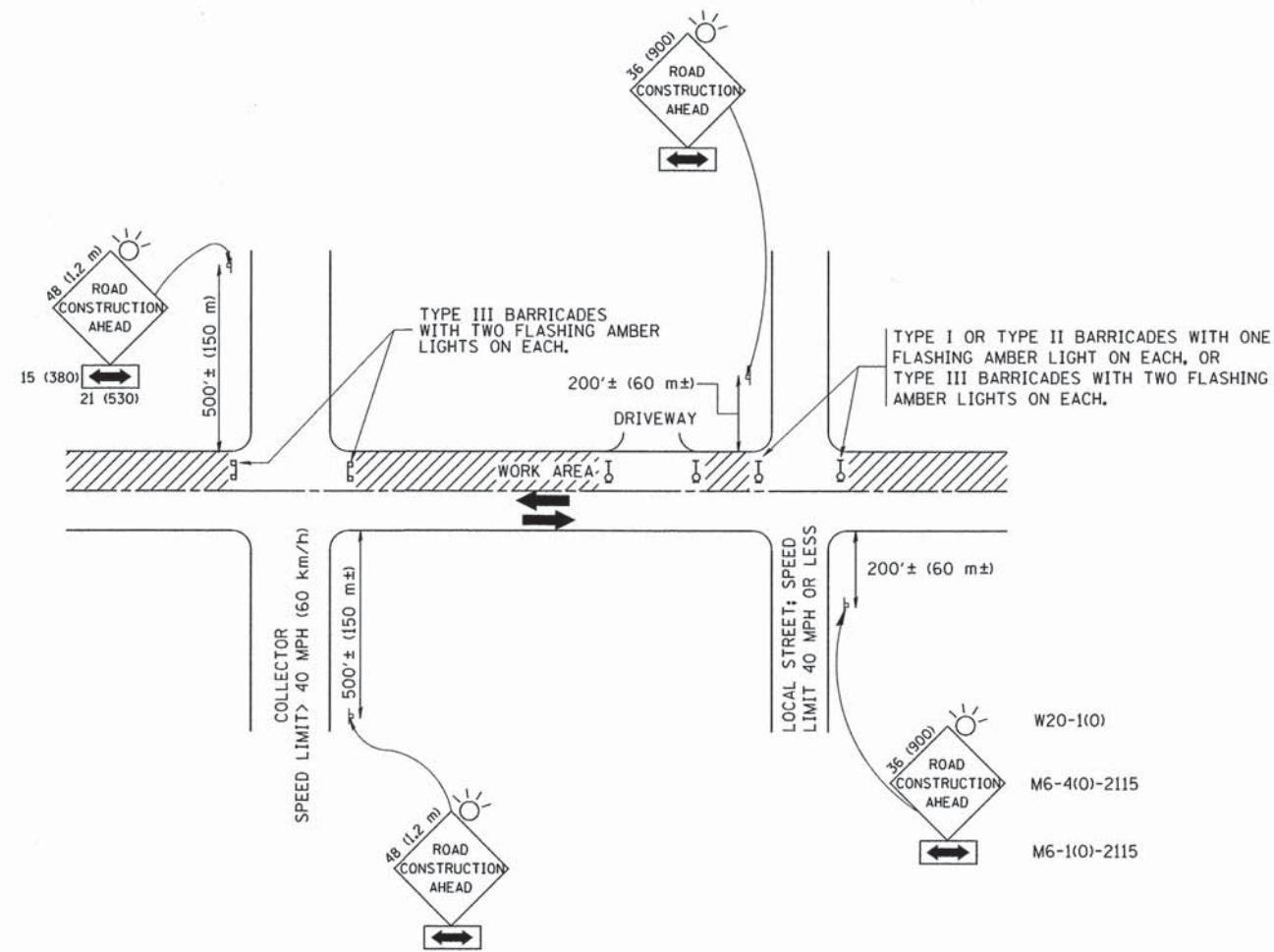
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RE	RE	RE

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PLOT DATE = 05/29/2014	DATE - 05/03/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF HILLSIDE MANNHEIM ROAD STREETScape GENERAL NOTES		
SCALE: AS SHOWN	SHEET NO. 02 OF 15 SHEETS	STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	02
ILLINOIS			CONTRACT NO. 61A58	



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

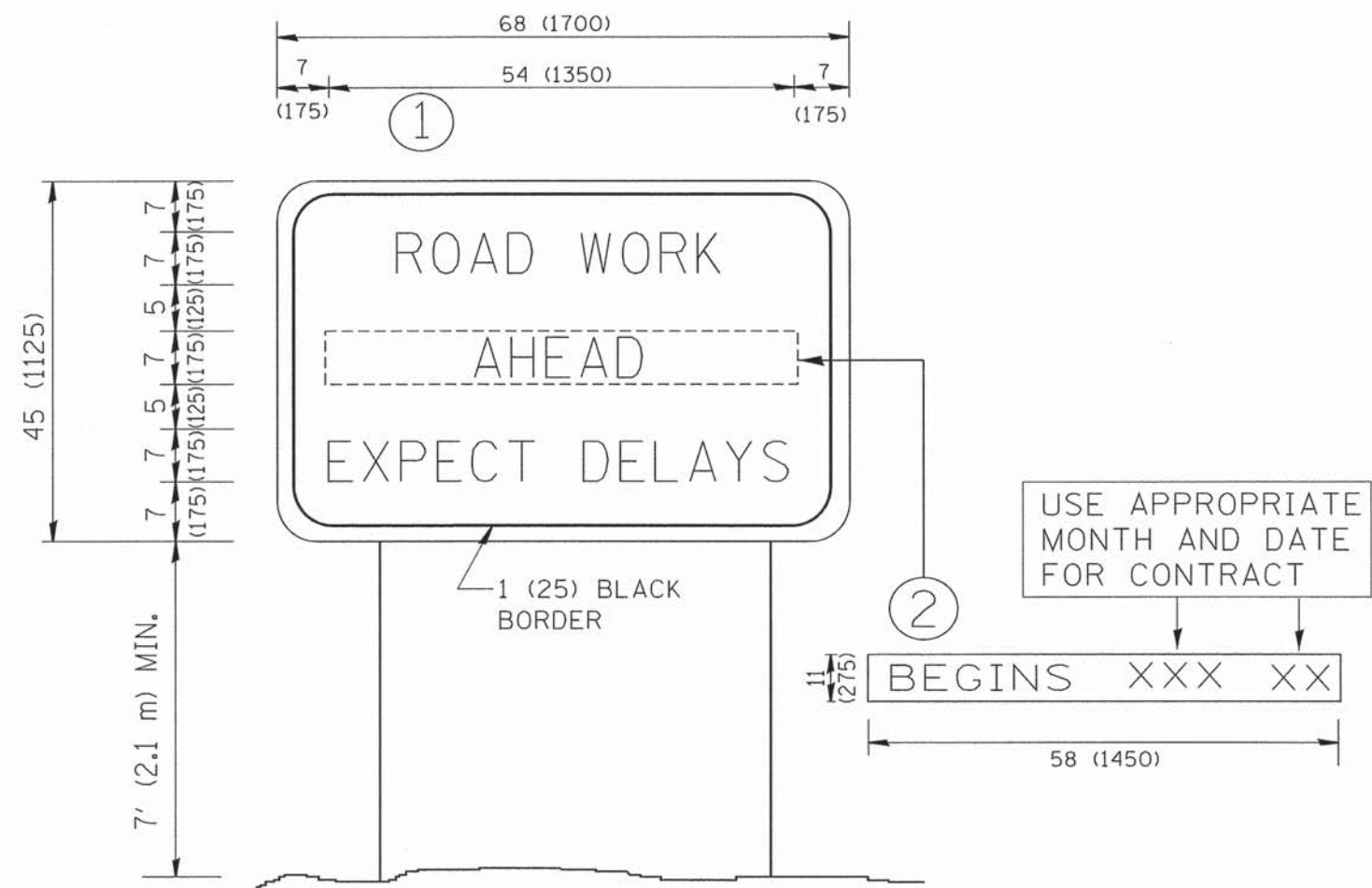
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		PLOT DATE = 1/4/2008	REVISED - T. RAMMACHER 01-06-00
		DATE - 06-89	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 04 OF 15 SHEETS STA. 79+28.00 TO STA. 95+49.00

F.A.P. RTE. 330	SECTION 06-00045-02-LS	COUNTY COOK	TOTAL SHEETS 15	SHEET NO. 04
TC-10		CONTRACT NO. 61A58		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



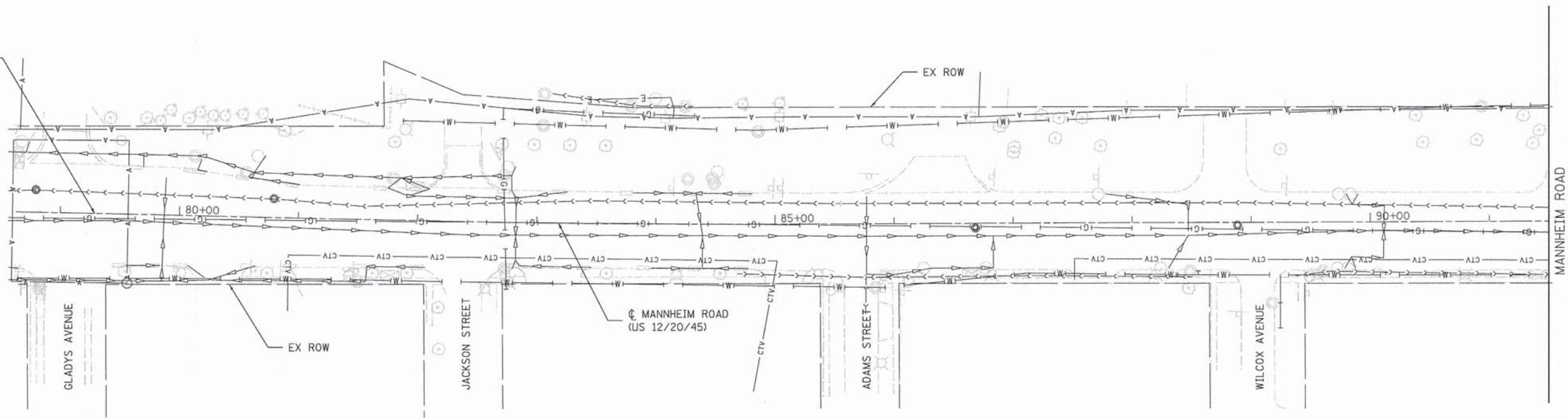
NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

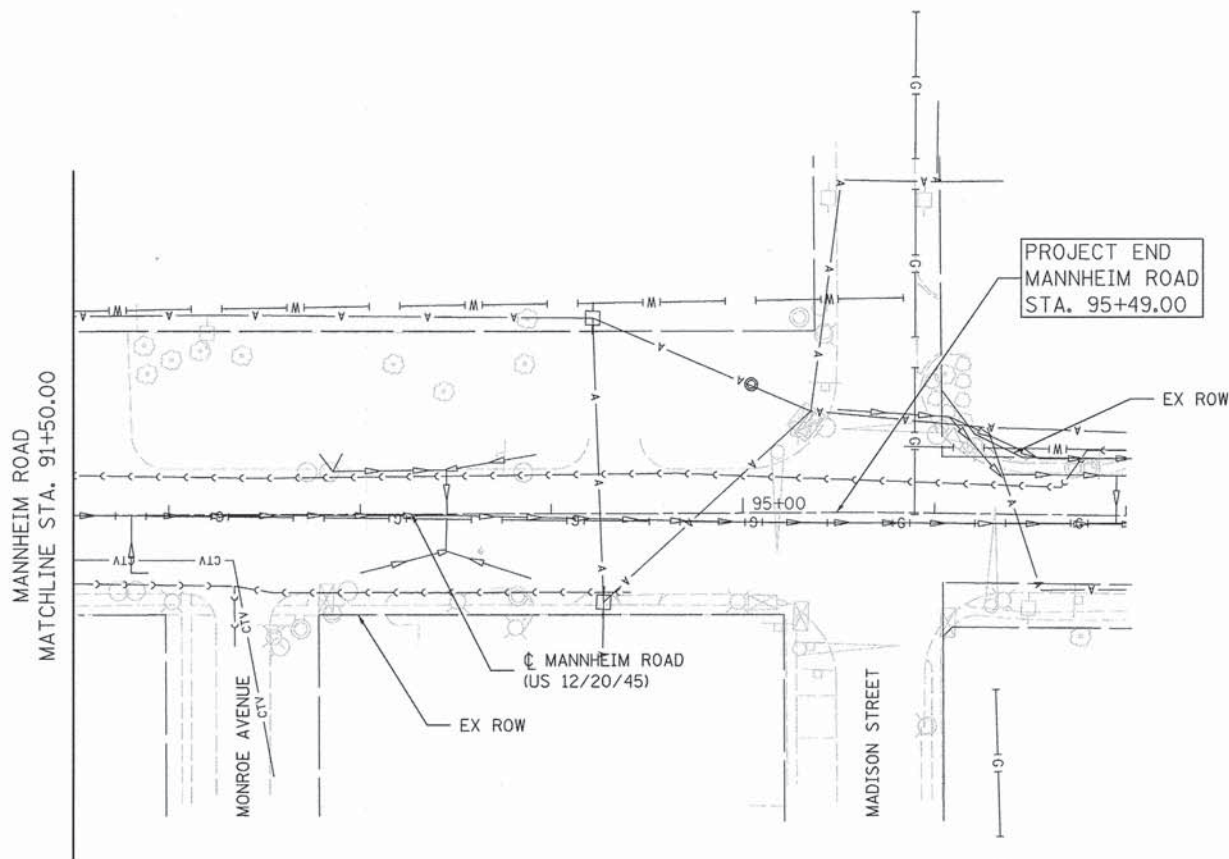
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PROJECT BEGIN
MANNHEIM ROAD
STA. 79+26.00



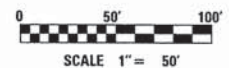
MANNHEIM ROAD
MATCHLINE STA. 91+50.00



PROJECT END
MANNHEIM ROAD
STA. 95+49.00

NOTES:

1. THE INFORMATION SHOWN ON THIS DRAWING IS FROM THE BEST AVAILABLE RECORD INFORMATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF THE UTILITY FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITY FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DELAYS, REPAIR COSTS, AND ANY OTHER FEES ASSOCIATED WITH THE REPAIR OF A UTILITY CAUSED BY CONSTRUCTION ACTIVITIES. THIS WORK IS NOT INCLUDED IN THIS CONTRACT AND NO PAYMENT SHALL BE MADE.
2. WHEN THE CONTRACTOR DISCOVERS A UTILITY NOT SHOWN ON PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS AS TO BE ADJUSTED IN CONJUNCTION WITH CONSTRUCTION, OR THE UTILITY HAS NOT BEEN ADJUSTED BY THE OWNER AS INDICATED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOT INTERFERE WITH SAID UTILITY, AND SHALL TAKE PROPER PRECAUTIONS TO PREVENT DAMAGE OR INTERRUPTION OF THE UTILITY AND SHALL PROMPTLY NOTIFY THE ENGINEER OF THE NATURE AND LOCATION OF SAID UTILITY.
3. HAND DIGGING IS MANDATORY WITHIN THE STATUTORY TOLERANCE ZONE.



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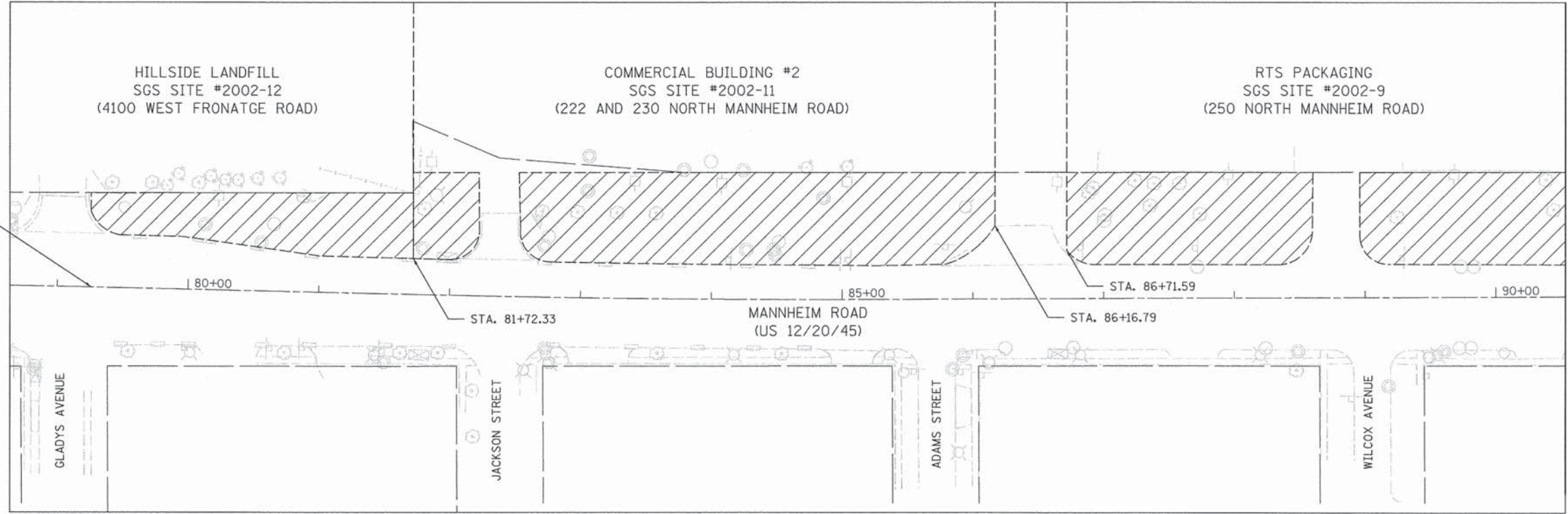
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETScape
EXISTING UTILITIES**

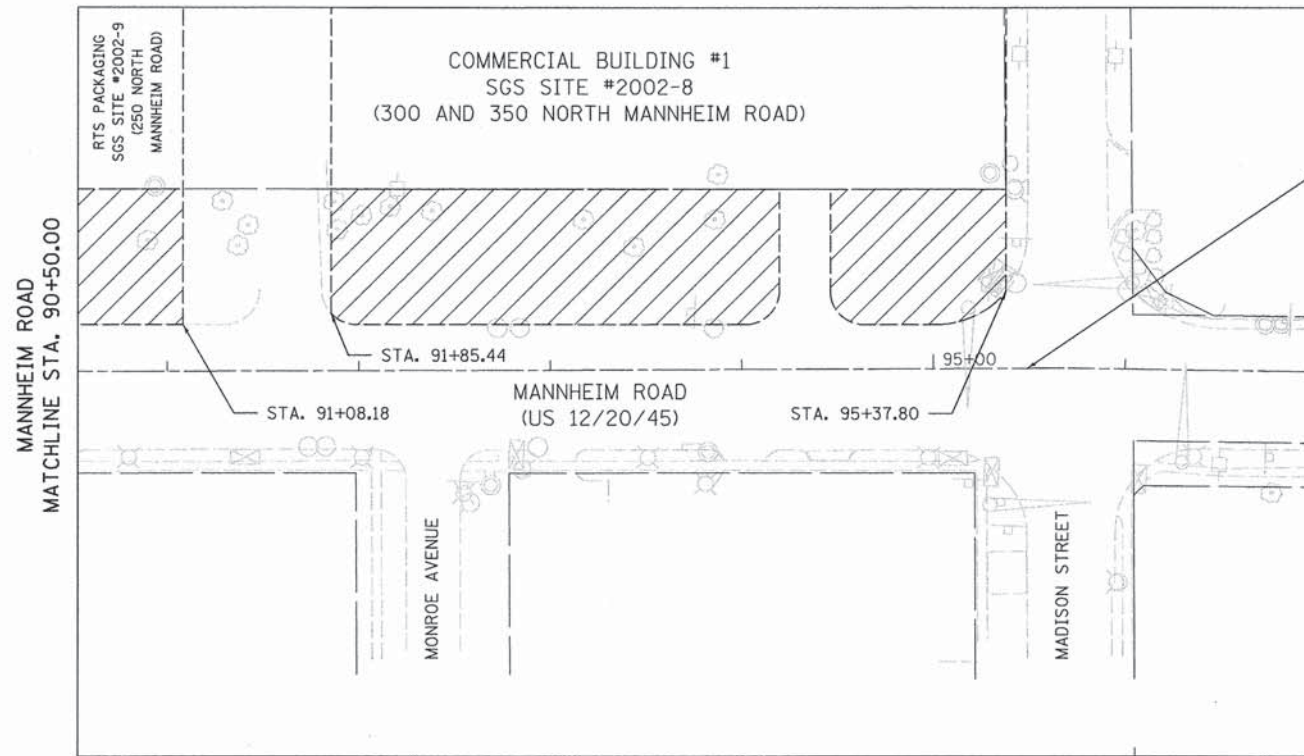
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	06
ILLINOIS			CONTRACT NO. 61A58	

PROJECT BEGIN
MANNHEIM ROAD
STA. 79+26.00



MANNHEIM ROAD
MATCHLINE STA. 90+50.00

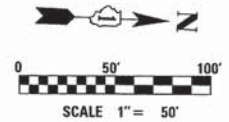


PROJECT END
MANNHEIM ROAD
STA. 95+49.00

LEGEND

= PROPERTY BOUNDARY

= AREA TO BE DISTURBED



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PLOT DATE = 05/29/2014	CHECKED - DWP	REVISED -
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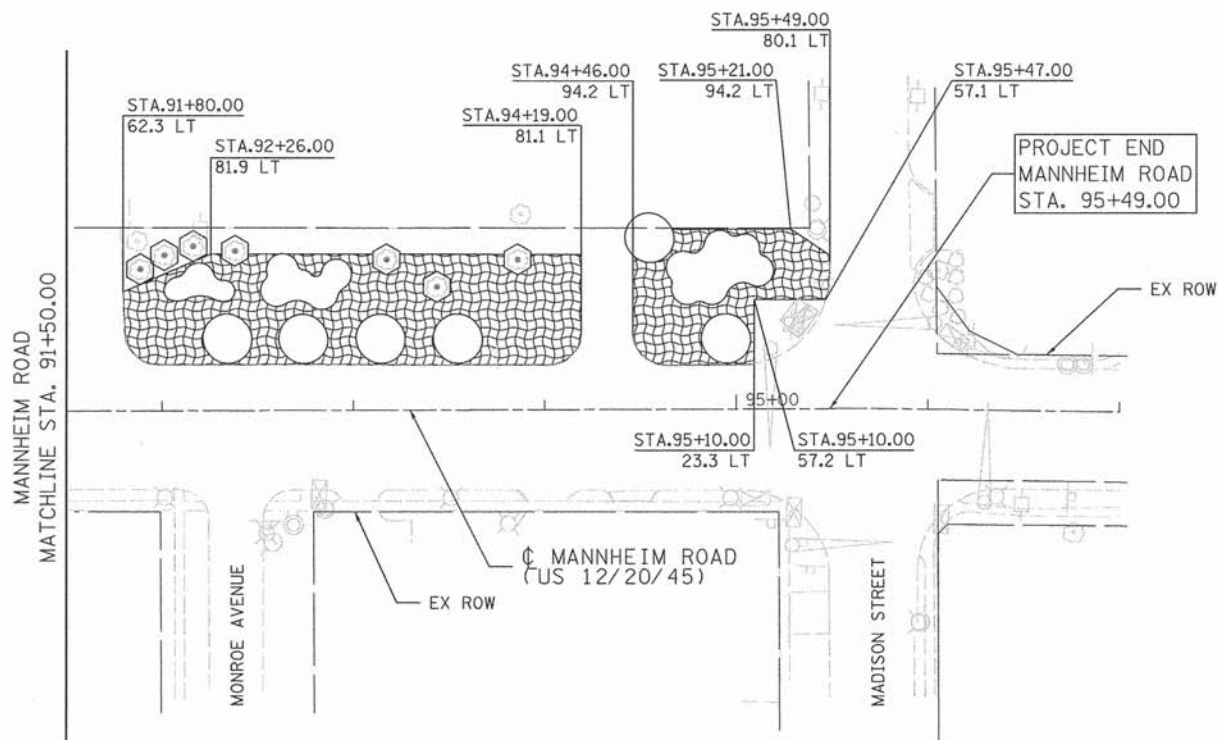
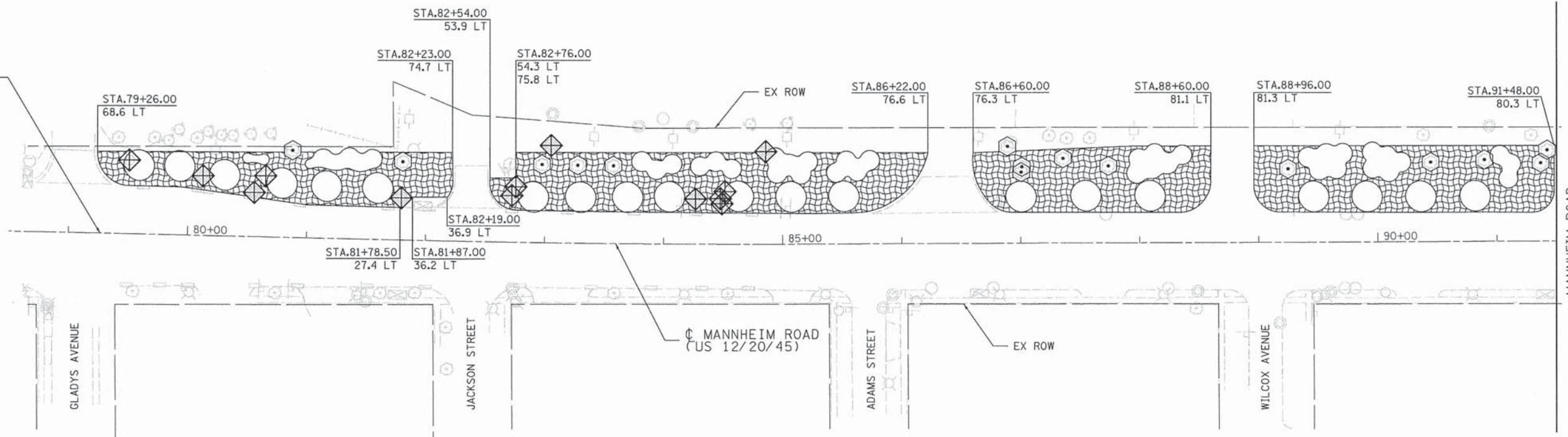
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETScape
EXISTING SOIL CONDITION

SCALE: AS SHOWN SHEET NO. 07 OF 15 SHEETS STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	07
ILLINOIS			CONTRACT NO. 61A58	

PROJECT BEGIN
MANNHEIM ROAD
STA. 79+26.00



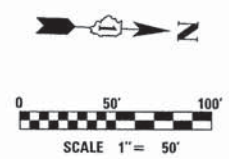
PROJECT END
MANNHEIM ROAD
STA. 95+49.00

SUMMARY OF QUANTITIES			
PAYITEM	DESCRIPTION	UNIT	QUANTITY
20101000	TEMPORARY FENCE	FEET	864
20101100	TREE TRUNK PROTECTION	EACH	22
28000500	INLET AND PIPE PROTECTION	EACH	13
25000210	SEEDING, CLASS 2A	ACRE	1.5
25000400	NITROGEN FERTILIZER NUTRIENTS	POUND	135
28000500	PHOSPHORUS FERTILIZER NUTRIENTS	POUND	135
25000600	POTASSIUM FERTILIZER NUTRIENTS	POUND	135
25100115	MULCH, METHOD 2	ACRE	1.5
25100630	EROSION CONTROL BLANKET	SQ YD	6,628

NOTE: SEE ESC SCHEDULES SHEET 10 OF 15

LEGEND	
	TREE TRUNK PROTECTION
	INLET AND PIPE PROTECTION
	25000210 SEEDING, CLASS 2A
	25000400 NITROGEN FERTILIZER NUTRIENTS
	25000500 PHOSPHORUS FERTILIZER NUTRIENTS
	25000600 POTASSIUM FERTILIZER NUTRIENTS
	25100115 MULCH, METHOD 2
	25100630 EROSION CONTROL BLANKET

- NOTES:
- ACTUAL LIMITS OF SEEDING AND MULCH/EROSION CONTROL BLANKET SHALL BE DETERMINED BY CONTRACTOR AT THE TIME OF CONSTRUCTION.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETScape
EROSION AND SEDIMENT CONTROL PLAN
SCALE: AS SHOWN SHEET NO. 09 OF 15 SHEETS STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	09
			CONTRACT NO. 61A58	
ILLINOIS				

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REVIEWED	DWP

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TREE TRUNK PROTECTION							
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ESC-01	81+81.04	66.00	LT				1
ESC-01	82+97.99	65.95	LT				1
ESC-01	83+27.99	65.81	LT				1
ESC-01	83+57.98	65.45	LT				1
ESC-01	86+88.65	81.36	LT				1
ESC-01	87+00.02	59.72	LT				1
ESC-01	87+00.07	64.25	LT				1
ESC-01	87+35.49	71.23	LT				1
ESC-01	87+73.62	64.68	LT				1
ESC-01	89+24.57	61.75	LT				1
ESC-01	90+44.27	66.81	LT				1
ESC-01	90+89.43	68.47	LT				1
ESC-01	91+36.66	65.78	LT				1
ESC-01	91+42.00	76.62	LT				1
ESC-01	91+88.48	73.88	LT				1
ESC-01	92+01.33	81.36	LT				1
ESC-01	92+16.41	85.78	LT				1
ESC-01	92+38.21	83.31	LT				1
ESC-01	93+17.36	78.63	LT				1
ESC-01	93+43.69	64.30	LT				1
ESC-02	93+85.65	78.67	LT				1
						TOTAL	22

28000500							
PIPE AND INLET PROTECTION							
SHEET #	STA FROM	OFFSET	LT/RT	-	-	-	EACH
ESC-01	79+51.26	61.93	LT				1
ESC-01	80+13.18	50.25	LT				1
ESC-01	80+56.19	37.24	LT				1
ESC-01	80+65.77	51.47	LT				1
ESC-01	81+79.72	35.48	LT				1
ESC-01	82+72.59	39.35	LT				1
ESC-01	82+75.94	46.79	LT				1
ESC-01	83+05.68	82.00	LT				1
ESC-01	84+26.78	37.99	LT				1
ESC-01	84+47.67	38.38	LT				1
ESC-01	84+49.07	34.09	LT				1
ESC-01	84+51.58	44.27	LT				1
ESC-01	84+85.77	77.96	LT				1
						TOTAL	13

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	DRAWN - ES	REVISED -
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PLOT DATE = 05/29/2014	DATE - 05/03/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETScape
ESC SCHEDULES**

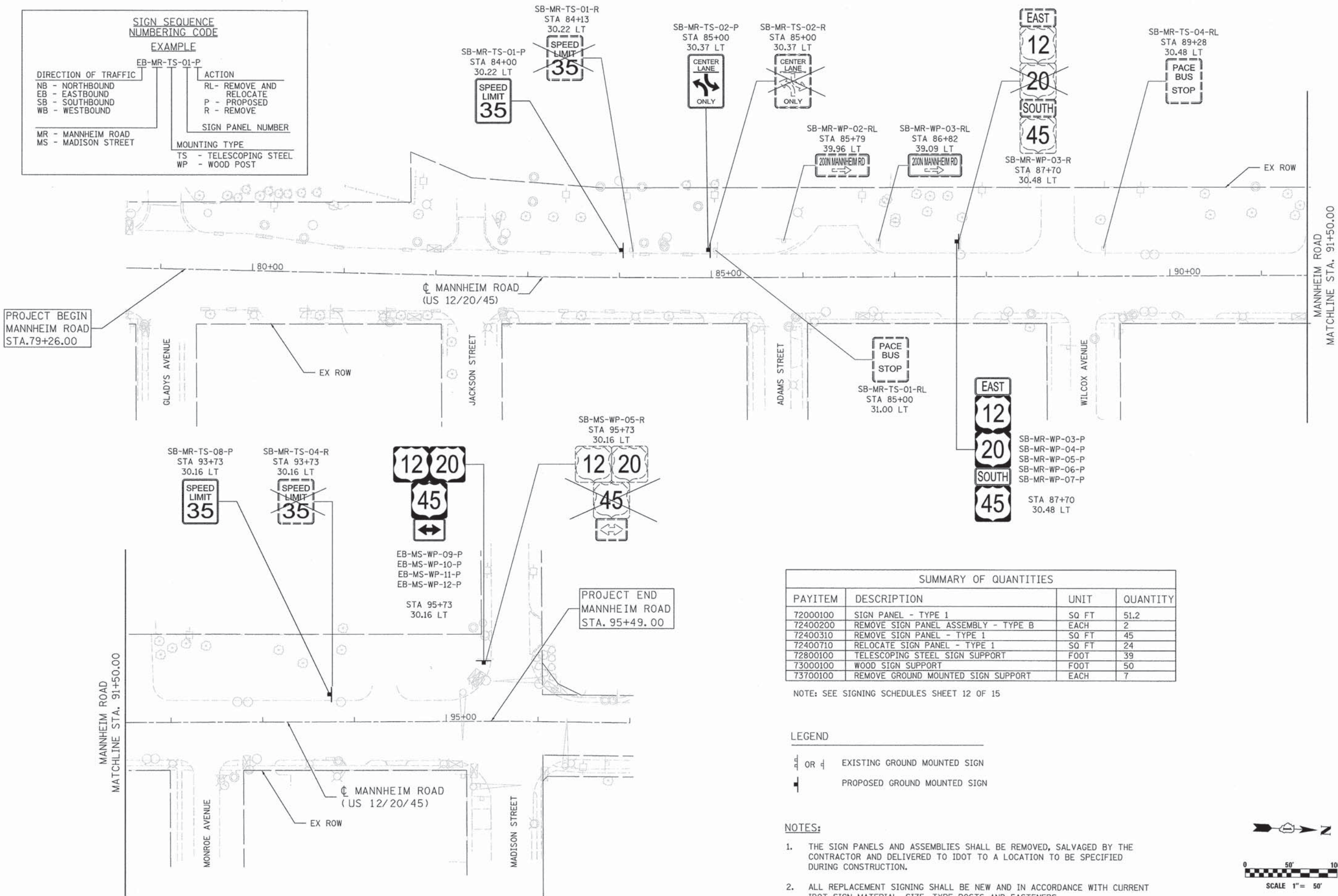
SCALE: AS SHOWN SHEET NO. 10 OF 15 SHEETS STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE. 330	SECTION 06-00045-02-LS	COUNTY COOK	TOTAL SHEETS 15	SHEET NO. 10
CONTRACT NO. 61A58			[ILLINOIS]	

SIGN SEQUENCE NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	ACTION	SIGN PANEL NUMBER	MOUNTING TYPE
NB - NORTHBOUND	RL - REMOVE AND RELOCATE		TS - TELESCOPING STEEL
EB - EASTBOUND	P - PROPOSED		WP - WOOD POST
SB - SOUTHBOUND	R - REMOVE		
WB - WESTBOUND			

MR - MANNHEIM ROAD
MS - MADISON STREET



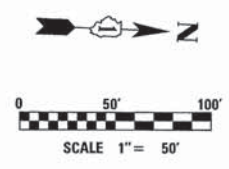
SUMMARY OF QUANTITIES

PAYITEM	DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	51.2
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	45
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	24
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	39
73000100	WOOD SIGN SUPPORT	FOOT	50
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	7

NOTE: SEE SIGNING SCHEDULES SHEET 12 OF 15

- LEGEND**
- OR EXISTING GROUND MOUNTED SIGN
 - PROPOSED GROUND MOUNTED SIGN

- NOTES:**
- THE SIGN PANELS AND ASSEMBLIES SHALL BE REMOVED, SALVAGED BY THE CONTRACTOR AND DELIVERED TO IDOT TO A LOCATION TO BE SPECIFIED DURING CONSTRUCTION.
 - ALL REPLACEMENT SIGNING SHALL BE NEW AND IN ACCORDANCE WITH CURRENT IDOT SIGN MATERIAL, SIZE, TYPE POSTS AND FASTENERS.



FILE NAME: p:\p1\sp1\mvr\386\hanson\dellamson - Proj\eta\eta\Documents\11\0861\CAD\Road\Sheet\DL_1118861-1-landscaping-SIGNING.dwg

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DRAWN	ES
REVIEWED	DWP

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	DATE - 05/05/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETScape
SIGN AND SIGN PANEL ASSEMBLY REMOVAL AND INSTALLATION PLAN**

SCALE: AS SHOWN | SHEET NO. 11 OF 15 SHEETS | STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE. 330	SECTION 06-00045-02-LS	COUNTY COOK	TOTAL SHEETS 15	SHEET NO. 11
			CONTRACT NO. 61A58	
ILLINOIS				

EXISTING SIGN REMOVAL SCHEDULE

STATION	OFFSET (-)LT (+)RT	SIGN CODE	SIGN DECIPTION	MOUNTING TYPE TS - WP	PANEL WIDTH	PANEL HEIGHT	SIGN PANEL AREA	EXISTING TYPE	72400200	72400310	73700100
									REMOVE SIGN PANEL ASSEMBLY - TYPE B	REMOVE SIGN PANEL - TYPE 1	REMOVE GROUND MOUNTED SIGN SUPPORT
	FOOT				FOOT	FOOT	SQ FT		EACH	SQ FT	EACH
84+13.00	-30.22	SB-MR-TS-01-R	SPEED LIMIT 35	TS	2.5	3	7.5	TYPE 1		7.5	1
85+00.00	-30.37	SB-MR-TS-02-R	TWO WAY LEFT TURN LANE	TS	2	3	6	TYPE 1		6	1
85+00.00	-31.00	SB-MR-TS-01-RL	PACE BUS	TS	2.5	3	7.5	TYPE 1		7.5	1
85+79.00	-39.96	SB-MR-WP-02-RL	DESTINATION (200N MANNHEIM RD)	WP	3	1.5	4.5	TYPE 1		4.5	1
86+82.00	-39.09	SB-MR-WP-03-RL	DESTINATION (200N MANNHEIM RD)	WP	3	1.5	4.5	TYPE 1		4.5	1
87+70.00	-30.48	SB-MR-WP-03-R	EAST	WP	2	1	2	TYPE 1	1		
			US ROUTE SIGN (2 DIGITS) - RTE 12		2	2	4	TYPE 1			
			US ROUTE SIGN (2 DIGITS) - RTE 20		2	2	4	TYPE 1			
			SOUTH		2	1	2	TYPE 1			
			US ROUTE SIGN (2 DIGITS) - RTE 45		2	2	4	TYPE 1			
89+28.00	-30.48	SB-MR-TS-04-RL	PACE BUS	TS	2.5	3	7.5	TYPE 1		7.5	1
93+73.00	-30.16	SB-MR-TS-04-R	SPEED LIMIT 35	TS	2.5	3	7.5	TYPE 1		7.5	1
95+73.00	-30.16	EB-MS-WP-05-R	US ROUTE SIGN (2 DIGITS) - RTE 12	WP	2	2	4	TYPE 1	1		
			US ROUTE SIGN (2 DIGITS) - RTE 20		2	2	4	TYPE 1			
			US ROUTE SIGN (2 DIGITS) - RTE 45		2	2	4	TYPE 1			
			DIRECTIONAL ARROW		1.75	1.25	2.1875	TYPE 1			
TOTAL:									2	45	7

PROPOSED SIGN SCHEDULE

STATION	OFFSET (-)LT (+)RT	SIGN CODE	SIGN DECIPTION	MOUNTING TYPE TS - WP	PANEL WIDTH	PANEL HEIGHT	SIGN PANEL AREA	POST LENGTH	72000100	72400710	72800100	73000100
									SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT
	FOOT				FOOT	FOOT	SQ FT	FOOT	SQ FT	SQ FT	FOOT	FOOT
84+00.00	-30.22	SB-MR-TS-01-P	SPEED LIMIT 35	TS	2.5	3	7.5	13	7.5		13	
85+00.00	-30.37	SB-MR-TS-02-P	TWO WAY LEFT TURN LANE	TS	2	3	6	13	6		13	
85+00.00	-31.00	SB-MR-TS-01-RL	PACE BUS	TS	2.5	3	7.5			7.5		
85+79.00	-39.96	SB-MR-WP-02-RL	DESTINATION (200N MANNHEIM RD)	WP	3	1.5	4.5			4.5		
86+82.00	-39.09	SB-MR-WP-03-RL	DESTINATION (200N MANNHEIM RD)	WP	3	1.5	4.5			4.5		
87+70.00	-30.48	SB-MR-WP-03-P	EAST	WP	2	1	2	26	2			26
87+70.00	-30.48	SB-MR-WP-04-P	US ROUTE SIGN (2 DIGITS) - RTE 12		2	2	4		4			
87+70.00	-30.48	SB-MR-WP-05-P	US ROUTE SIGN (2 DIGITS) - RTE 20		2	2	4		4			
87+70.00	-30.48	SB-MR-WP-06-P	SOUTH		2	1	2		2			
87+70.00	-30.48	SB-MR-WP-07-P	US ROUTE SIGN (2 DIGITS) - RTE 45		2	2	4		4			
89+28.00	-30.48	SB-MR-TS-04-RL	PACE BUS	TS	2.5	3	7.5			7.5		
93+73.00	-30.16	SB-MR-TS-08-P	SPEED LIMIT 35	TS	2.5	3	7.5	13	7.5		13	
95+73.00	-30.16	EB-MS-WP-09-P	US ROUTE SIGN (2 DIGITS) - RTE 12	WP	2	2	4	24	4			24
95+73.00	-30.16	EB-MS-WP-10-P	US ROUTE SIGN (2 DIGITS) - RTE 20		2	2	4		4			
95+73.00	-30.16	EB-MS-WP-11-P	US ROUTE SIGN (2 DIGITS) - RTE 45		2	2	4		4			
95+73.00	-30.16	EB-MS-WP-12-P	DIRECTIONAL ARROW		1.75	1.25	2.1875		2.19			
TOTAL:									51.2	24	39	50

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ES
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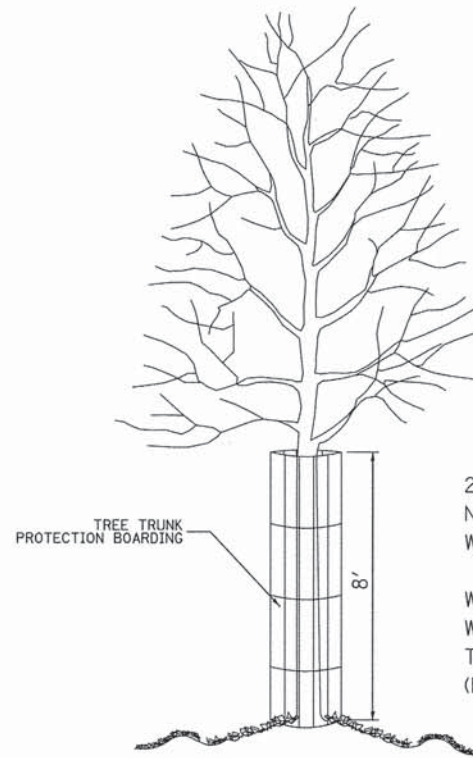
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETSCAPE
SIGNING SCHEDULE**

SCALE: AS SHOWN SHEET NO. 12 OF 15 SHEETS STA. 79+26.00 TO STA. 95+49.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	12
			CONTRACT NO. 61A58	
		ILLINOIS		

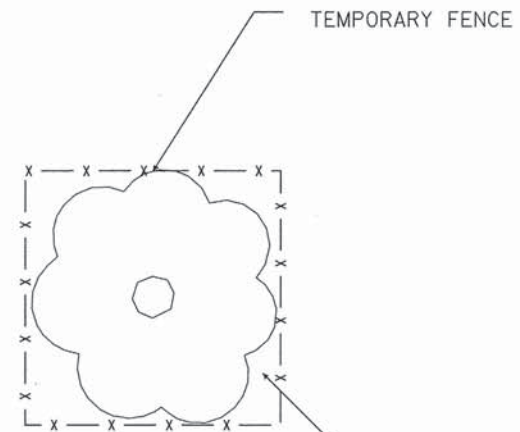


2" x 8" x 8' (MIN) PLANKS-
NO. REQUIRED VARIES
W/SIZE OF TREE (4 MIN)

WIRE RETAINER NO. 6 WIRE (MIN)
WRAP AROUND BOARDS AND
TWIST ENDS TOGETHER
(BEND TWISTED ENDS TOWARD TREE)

TREE TRUNK PROTECTION DETAIL

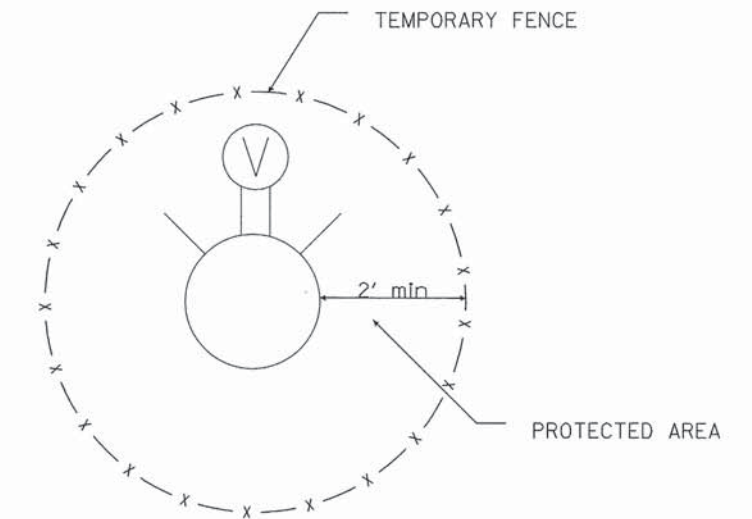
N.T.S.



MINIMUM 4' HIGH FENCE
AT DRIP-LINE OR AS DIRECTED
BY THE ENGINEER
PLASTIC OR WOOD LATHE FENCE
WITH STAKES

TREE PROTECTION DETAIL

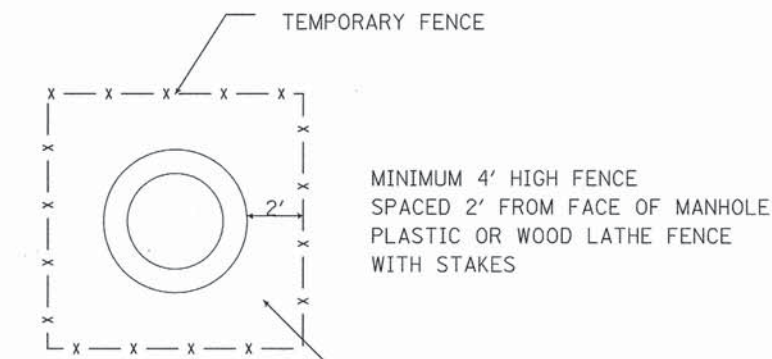
N.T.S.



MIN 3', MAX 4' HIGH FENCE
SPACED 2' MIN FROM THE FACE OF FIRE HYDRANT
PLASTIC OR WOOD LATHE FENCE
WITH STAKES

FIRE HYDRANT PROTECTION DETAIL

N.T.S.



MINIMUM 4' HIGH FENCE
SPACED 2' FROM FACE OF MANHOLE
PLASTIC OR WOOD LATHE FENCE
WITH STAKES

MANHOLE AND CATCH BASIN
PROTECTION DETAIL

N.T.S.

NOTE:

TOPSOIL 4" TO BE HAND DUG, FURNISHED AND PLACED
IN THE LIMITS OF THE PROTECTED AREA. PROTECTED
AREA TO BE SEED TO MATCH THE PROPOSED LANDSCAPING.
SEE SHEETS 08 AND 09 FOR SOIL REMOVAL, SEEDING AND
ESC DETAILS.

FILE NAME = p:\p1\app\svr\306\hamon,don\hamon\Projects\Documents\11\Jobs\11\0061\CAD\Road\Sheet\DI_11\0061-Landscaping\Detail\Sheet_02

LAYOUT	ES
DRAWN	ES
REVIEWED	DWP

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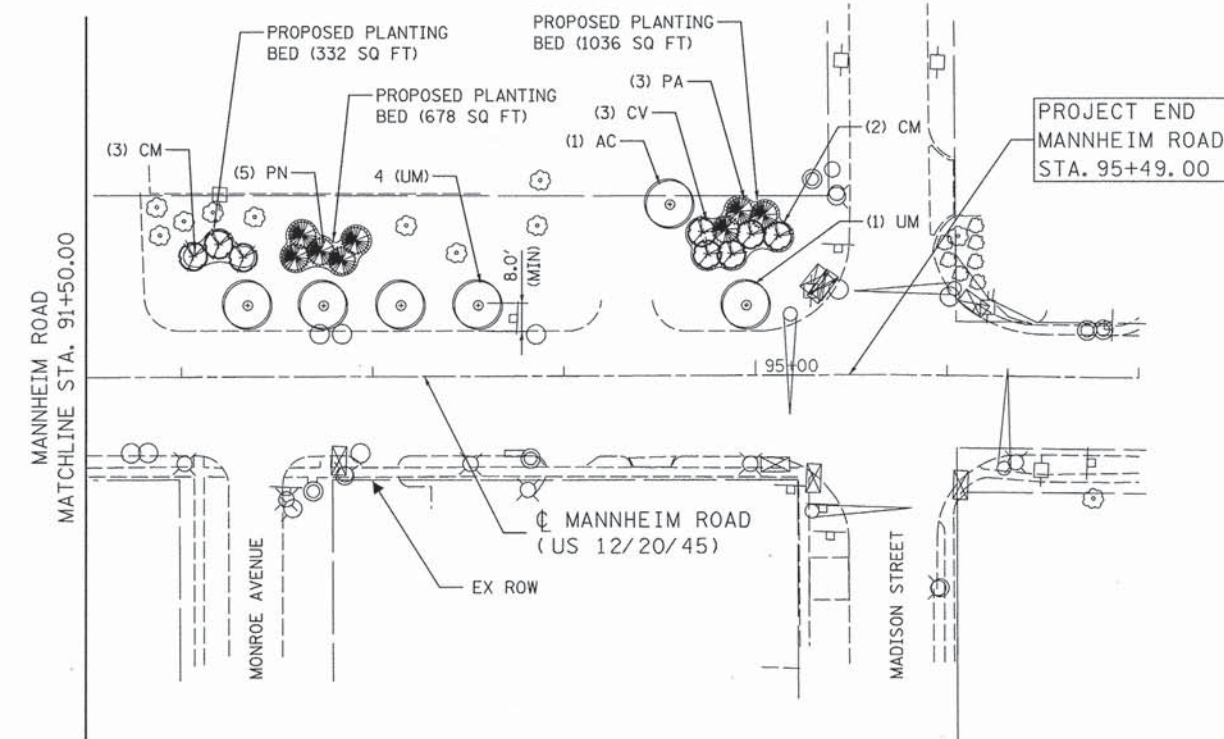
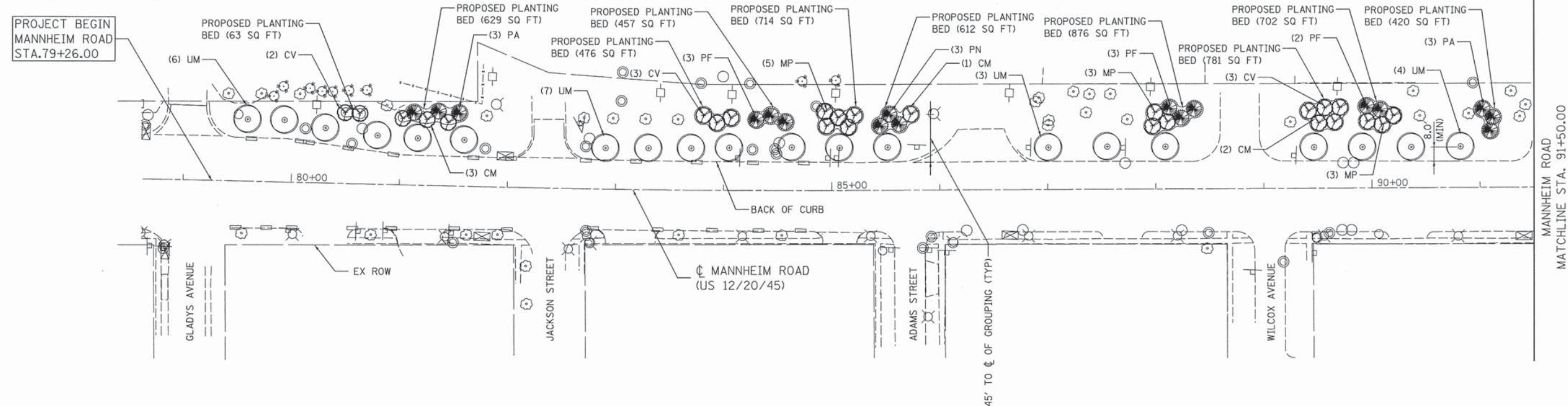
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF HILLSIDE MANNHEIM ROAD STREETSCAPE PROTECTION DETAIL SHEET		
SCALE: AS SHOWN	SHEET NO. 13 OF 15 SHEETS	STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	13
ILLINOIS			CONTRACT NO. 61A58	

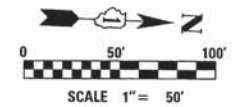
NOTES:

- SEE EXISTING UTILITY PLAN SHEET 06 OF 15
- SEE PLANTING DETAILS SHEET 15 OF 15
- TREE PRUNING LOCATIONS NOT SHOWN FOR CLARITY
- PROPOSED PLANTING SHALL BE CONSTRUCTED TO AVOID UTILITIES. NO PLANTINGS SHALL BE PERMITTED TO BE PLACED ON TOP OF EXISTING UTILITIES. THE PROPOSED LOCATIONS OF PLANTINGS SHOWN ARE APPROXIMATE. THE LOCATIONS OF PROPOSED PLANTINGS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER DURING THE TIME OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTHS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING FOR PLANTINGS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE OF EACH COST FOR PROPOSED TREES. NO ADDITIONAL PAYMENTS SHALL BE MADE FOR THIS WORK.
- THE PROPOSED PLANTING BED AREAS SHOWN ARE THE ADDITIONAL AREAS TO BE MULCHED BEYOND THE AREA INCIDENTAL TO PROPOSED TREE PAY ITEMS. THESE AREAS WILL ALSO INCLUDE CONSTRUCTION OF EDGINGS AND CONSIST OF ITEMS DESCRIBED IN THE PLANTING BED PREPARATION SPECIAL PROVISION.
- CONTRACTOR SHALL CONSTRUCT A 5' DIAMETER AREA OF MULCH AROUND EXISTING TREES WITHIN THE PROPOSED EXCAVATION AREAS THAT INCLUDES THE SPECIFIED EDGING CONSTRUCTION. THIS WORK SHALL BE MEASURED PER THE PLANTING BE PREPARATION SPECIAL PROVISION. (LOCATIONS NOT SHOWN FOR CLARITY AND WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.)



SUMMARY OF QUANTITIES

SP	CODE	PAYITEM	DESCRIPTION	UNIT	QUANTITY
•		20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	15
		20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	16
		20101700	SUPPLEMENTAL WATERING	UNIT	76
•	UM	A2008628	TREE ULMUS "MORTON GLOSSY" (TRUMPH ELM), 6" CALIPER BALLED AND BURLAPPED	EACH	25
•	AC	A2012005	TREE, AESCULUS X CARNEA FORT MCNAIR (FORT MCNAIR RED HORSECHESTNUT), 4" CALIPER, BALLED AND BURLAPPED	EACH	1
•	CM	B2001420	TREE, CORNUS MAS (CORNEALIAN CHERRY DOGWOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	11
•	CV	B2002232	TREE, CRATAEGUS VIRDIS "WINTER KING" (WINTER KING GREEN HAWTHORN), 4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	11
•	MP	B2004216	TREE, MALUS PROFUSION (PROFUSION CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	11
•	PA	D2001789	EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 10' HEIGHT, BALLED AND BURLAPPED	EACH	9
•	PF	D2002488	EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	8
•	PN	D2002796	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 10' HEIGHT, BALLED AND BURLAPPED	EACH	8
•		K0026850	PERENNIAL PLANT CARE	SQ YD	1,690
•		K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	30
•		K1005481	SHREDDED BARK MULCH, 3"	SQ YD	1,690
•		X0325170	PLANTING BED PREPARATION	SQ FT	8,120



FILE NAME: p:\proj\proj\2014\henson\dms\henson\Projects\Documents\112014\112014\112014-Landscaping Plan.dwg

USER	DESIGNED	REVISED
stojan@1564	- RM / MW	-
	DRAWN - MW	REVISED -
	CHECKED - LV	REVISED -
	DATE -	REVISED -

USER NAME = stoja@1564
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 CHECKED - LV
 DATE -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

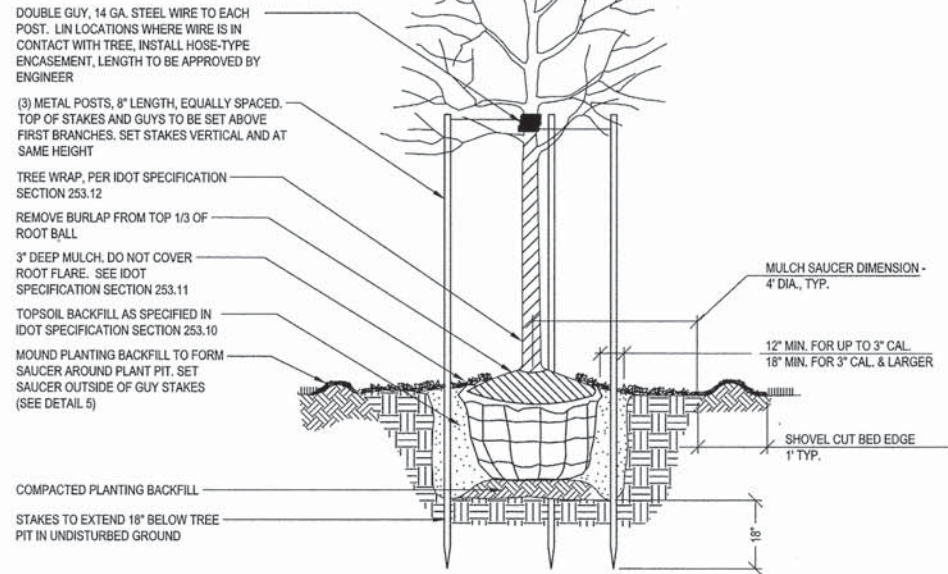
**VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETSCAPE
PROPOSED LANDSCAPING PLAN**

SCALE: AS SHOWN SHEET NO. 14 OF 15 SHEETS STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-02-LS	COOK	15	14
ILLINOIS			CONTRACT NO. 61A58	

Notes:

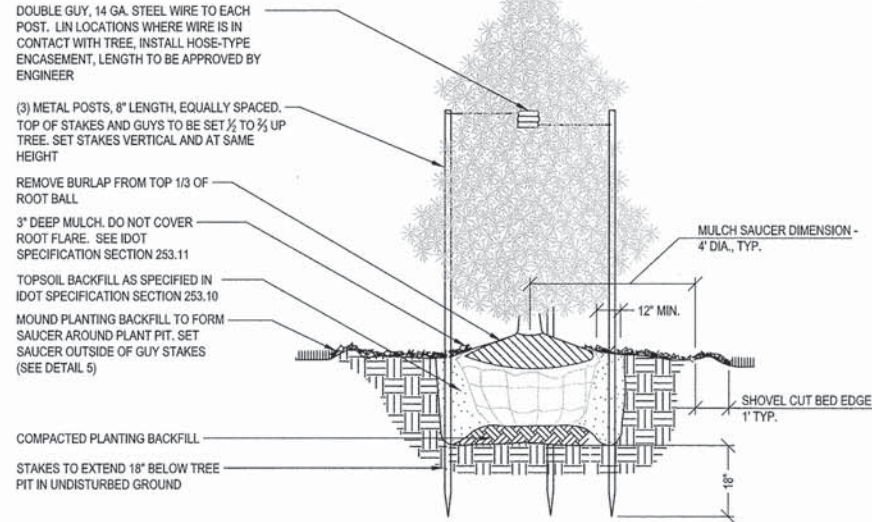
1. DECIDUOUS TREES SHALL COMPLY WITH THE REQUIREMENTS OF IDOT SPECIFICATION SECTION 1081.01.
2. ALL DECIDUOUS TREES SHALL BE INSTALLED PER IDOT SPECIFICATION SECTION 253.
3. TREES SHALL BE PLACED IN PLUMB POSITION AND SET 2" HIGHER THAN DEPTH GROWN IN NURSERY.
4. ALL BRACING SHALL COMPLY WITH IDOT SPECIFICATION SECTION 253.13.
5. PRUNE TO THIN AND SHAPE TREE CANOPY. SEE DETAIL 4, THIS SHEET.



1 Deciduous Tree
Scale: 1/4" = 1'-0"

Notes:

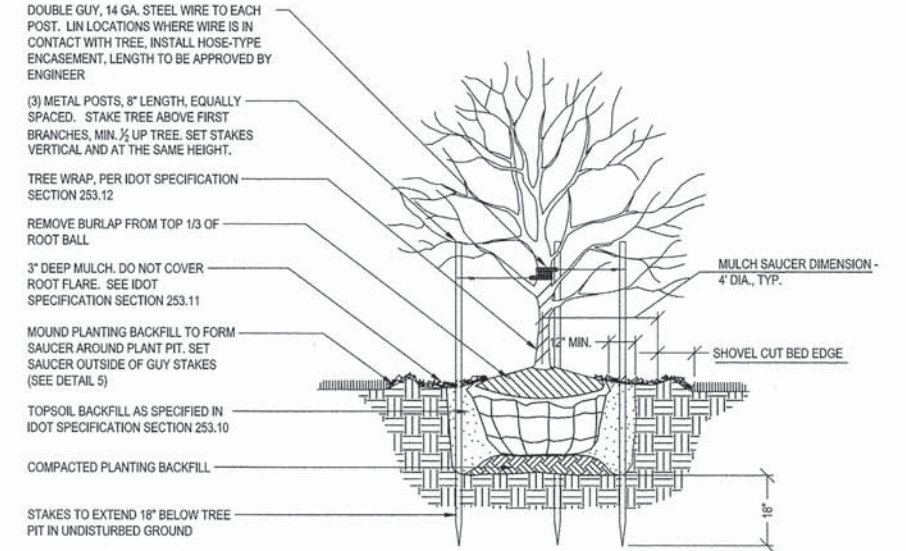
1. EVERGREEN TREES SHALL COMPLY WITH THE REQUIREMENTS OF IDOT SPECIFICATION SECTION 1081.01.
2. ALL EVERGREEN TREES SHALL BE INSTALLED PER IDOT SPECIFICATION SECTION 253.
3. TREES SHALL BE PLACED IN PLUMB POSITION AND SET 2" HIGHER THAN DEPTH GROWN IN NURSERY.
4. ALL BRACING SHALL COMPLY WITH IDOT SPECIFICATION SECTION 253.13.
5. NEVER CUT LEADERS PRUNE ONLY TO REMOVE DEAD OR BROKEN BRANCHES



2 Evergreen Tree
Scale: 1/4" = 1'-0"

Notes:

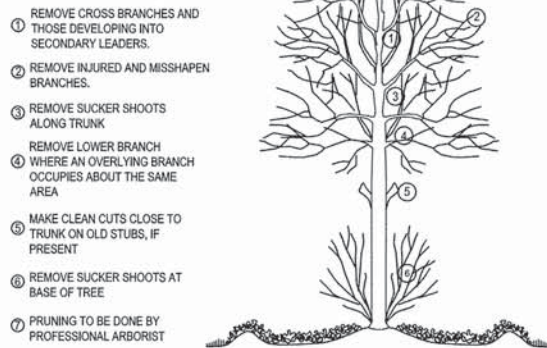
1. ORNAMENTAL TREES SHALL COMPLY WITH THE REQUIREMENTS OF IDOT SPECIFICATION SECTION 1081.01.
2. ALL ORNAMENTAL TREES SHALL BE INSTALLED PER IDOT SPECIFICATION SECTION 253.
3. TREES SHALL BE PLACED IN PLUMB POSITION AND SET 2" HIGHER THAN DEPTH GROWN IN NURSERY.
4. ALL BRACING SHALL COMPLY WITH IDOT SPECIFICATION SECTION 253.13.
5. NEVER CUT CENTRAL LEADERS. PRUNE ONLY TO REMOVE DEAD AND DAMAGED BRANCHES.



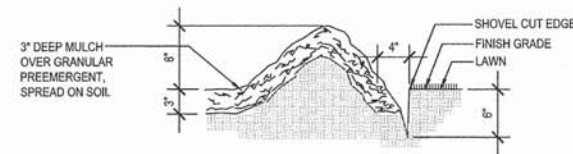
3 Ornamental Tree
Scale: 1/4" = 1'-0"

Notes:

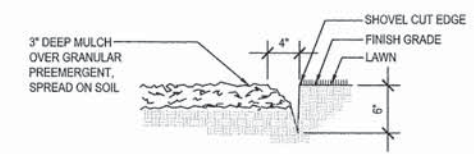
1. PRUNING SHALL BE PERFORMED BY A PROFESSIONAL ARBORIST AND SHALL CONFORM TO IDOT SPECIFICATION 201.06 (b)



4 Tree Pruning (Existing Trees Within Project Limits)
Scale: 3/4" = 1'-0"



5 Shovel Cut Bed Edge
Scale: 1" = 1'-0"



6 Spaded Edge
Scale: 1" = 1'-0"

FILE NAME = F:\11\pba\11\08\11\CAD\Landscape\2,04 - Planting Details.dgn

LAYOUT	
DRAWN	
REVIEWED	

USER NAME = Peter-01040	DESIGNED - RM / MW	REVISED -
	DRAWN - MW	REVISED -
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PLOT DATE = 03/14/2014	DATE - 03/07/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETScape
LANDSCAPE DETAILS

SCALE: AS SHOWN SHEET NO. 15 OF 15 SHEETS STA. 79+26.00 TO STA. 95+49.00

F.A.P. RTE. 330	SECTION 06-00045-02-LS	COUNTY COOK	TOTAL SHEETS 15	SHEET NO. 15
ILLINOIS				CONTRACT NO. 61A58