STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

D-91-050-16

3346-T

COOK ILLINOIS CONTRACT NO. 62850

DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE VILLAGES OF ROLLING MEADOWS AND SCHAUMBURG

TRAFFIC DATA

MEACHAM RD. ADT (2014) = 11,950 POSTED SPEED LIMIT = 35 MPH

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.

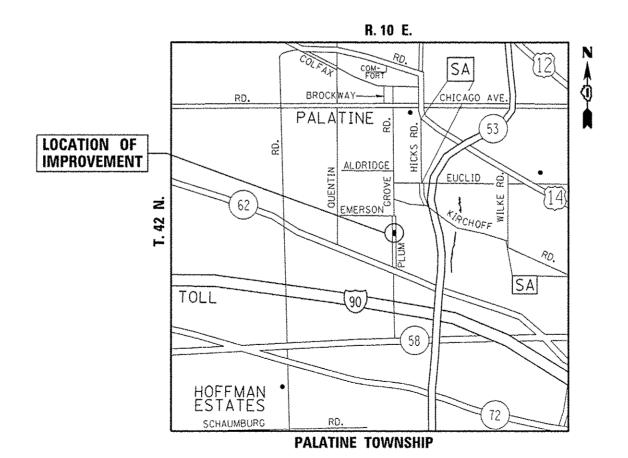
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER J. ALAIN MIDY (847) 221-3056 PROJECT MANAGER ISSAM RAYYAN (847) 705-4178

PROPOSED HIGHWAY PLANS

F.A.U. ROUTE 2585: MEACHAM RD. **NEAR SALT CREEK** SECTION: 3346-T **DRAINAGE COOK COUNTY**

C-91-050-16



GROSS & NET LENGTH = 500.00 FT. = 0.095 MILE

CONTRACT NO. 62B50

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STATE OF ILLINOIS

LOCATION OF SECTION INDICATED THUS: -

DIRECTOR OF PROGRAM DEVELOPMENT

INDEX OF SHEETS

STATE STANDARDS

1.	TITLE SHEET	STANDARD NO.	DESCRIPTION
2.	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	602001-02	CATCH BASIN, TYPE A
3.	SUMMARY OF QUANTITIES	604001-04	FRAME AND LIDS TYPE 1
4.	SCHEDULE OF QUANTITIES	604036-03	GRATE TYPE 8
5.	ALIGNMENT. TIES AND BENCHMARKS	701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
6.	DRAINAGE PLAN	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
7.	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER (BD-7	7) 701901-05	TRAFFIC CONTROL DEVICES
8.	ARTERIAL ROAD INFORMATION SIGN (TC-22)		
9-10.	CROSS SECTIONS		

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED).

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 FOR ARTERIALS A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGES OF ROLLING MEADOWS AND SCHAUMBURG.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.

WHEN, DURING THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTEROR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR. COST SHALL BE INCLUDED IN THE CONTRACT.

ALL WORK REQUIRED FOR THE CONNECTION OF A PROPOSED STORM SEWER TO AN EXISTING STRUCTURE SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING INSTALLED.

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MEACHAM RD.

	DRAINAGE STRUCTURES TABLE										
	STRUCTURE TYPE					TOP OF					
NO.	STATION	OFFSET	СВ	INL	DIA.	FRAME	GRATE	INVERT(N)	INVERT(S)	INVERT(W)	
1	18+41	29′ LT	TYP. A		4′	TY. 1, CL	724.92	719.85	719.75		
2	18+94	24′ LT	TYP. A		4′	TY.8 GR	724.90	720.85	720.75		

	STORM SEWER TABLE											
	TB INVERT INVERT INVERT INVERT											
NO.		TYPE	DIA.	LIN. FT.	CU.YD.	(N)	(S)	(E)	(W)			
1	PROP. STORM SEWER, CLASS A	2	15"	48		720.75	719.85					
2	PROP. STORM SEWER, CLASS A	2	15"	120		719.75	718.36					

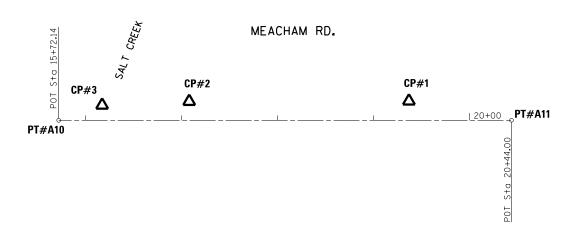
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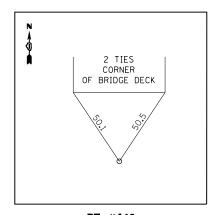


MEACHAM	PT# A10	N 2066799.1199	E 1078557.2566	STA. 15+72.14
ROAD	PT# A11	N 2066802.8525	E 1078954.9108	STA. 20+44.00

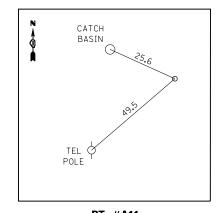
BENCHMARKS

WESTERLY BOLT OF FIRE HYDRANT IN N.W. CORNER OF MEACHAM ROAD & WOODCLIFF CT. - ELEV. 732.23

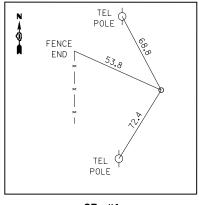
CHISELED SQUARE IN WINGWALL IN N.W. QUADRANT OF BRIDGE OVER SALT CREEK - ELEV. 725.03



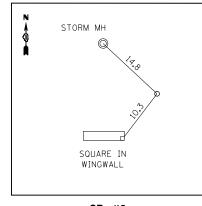
PT #A10 MAG NAIL ¢ STA. 15+72.14 N 1969477.5311 E 1062831.8234 ELEV. 726.1285



PT #A11 MAG NAIL ¢ STA. 20+44.0 N 1969949.3911 E 1062831.8663 ELEV. 729.5386



CP #1 MAG NAIL IN W. SHOULDER MEACHAM N 1969842.4655 E 1062811.7954 ELEV. 726.6462

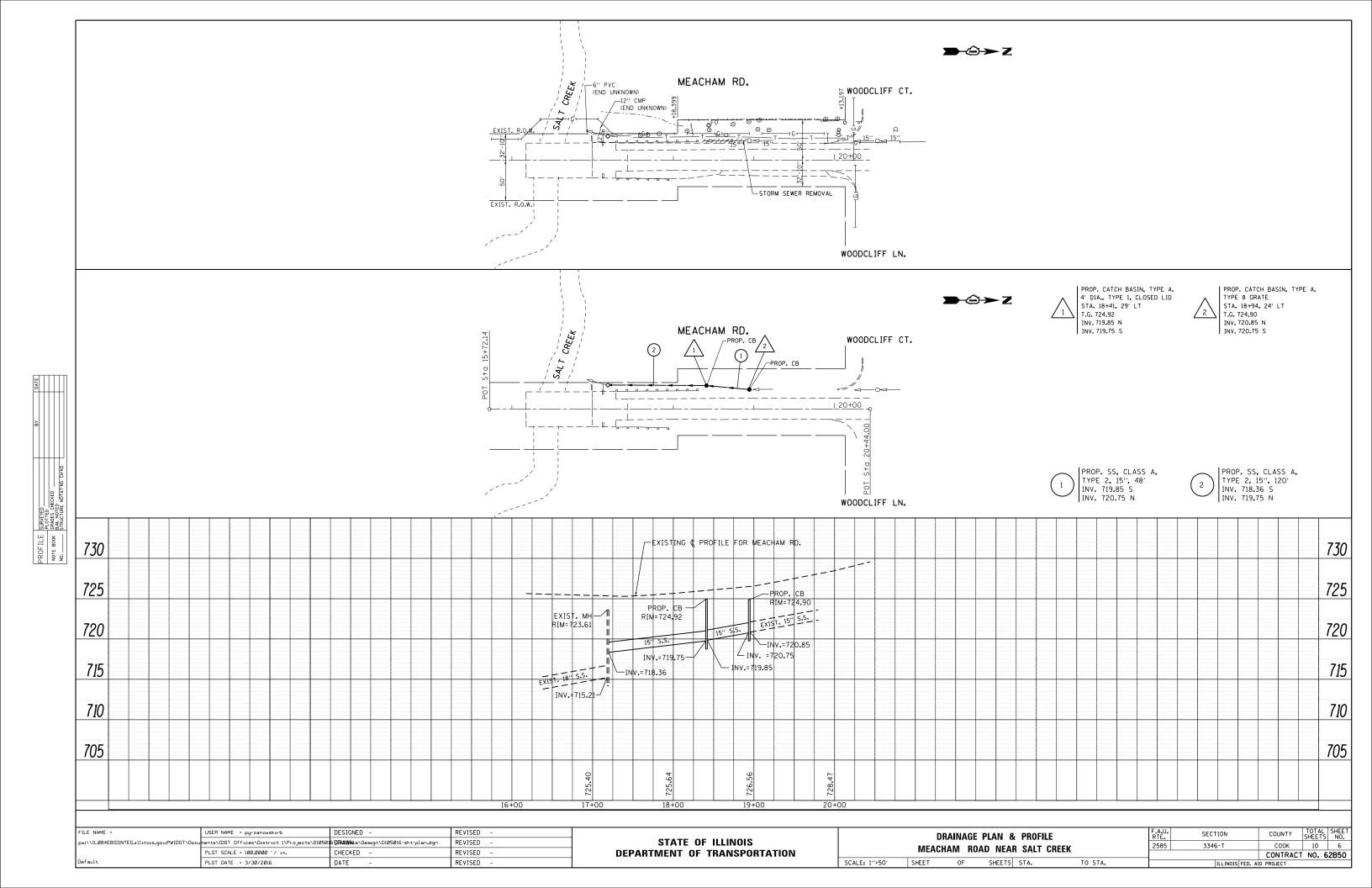


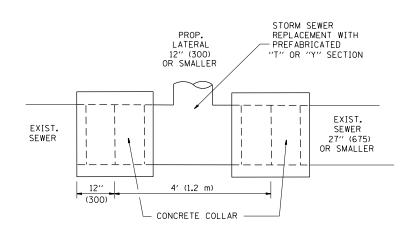
CP #2
"X" IN CONC APPROACH PANEL
OF BRIDGE W. SIDE MEACHAM
N 1969613.6010
E 1062812.1634
ELEV. 724.8015

CP #3

N 1969522.8322 E 1062816.0759 ELEV. 725.3526

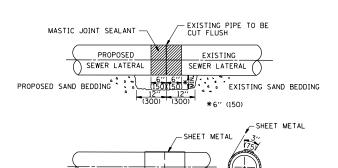
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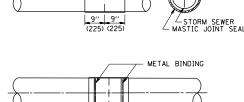


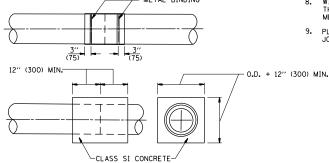


DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER





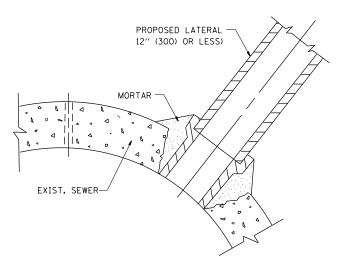


<u>DETAIL "B"</u> CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- 1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- 2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- 3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' × 6' (300 × 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- 4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
- . WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- 6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- 7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- 8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- 9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

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



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS: A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REOUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

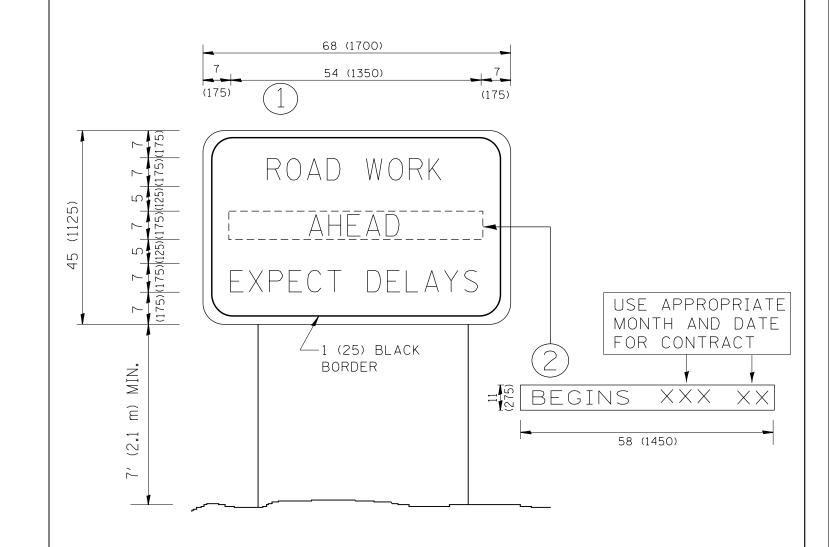
SCALE: NONE

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER

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	PLOT DATE = 3/30/2016	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	DETAIL O	F STORM	SEWER	F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CONNECTION TO EXISTING SEWER						3346-T	соок	10	7
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SHE	ET NO. 1 OF 1	SHEETS	STA.	TO STA.	FED. R	OAD DIST, NO. 1 ILLINOIS FED. A	D 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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