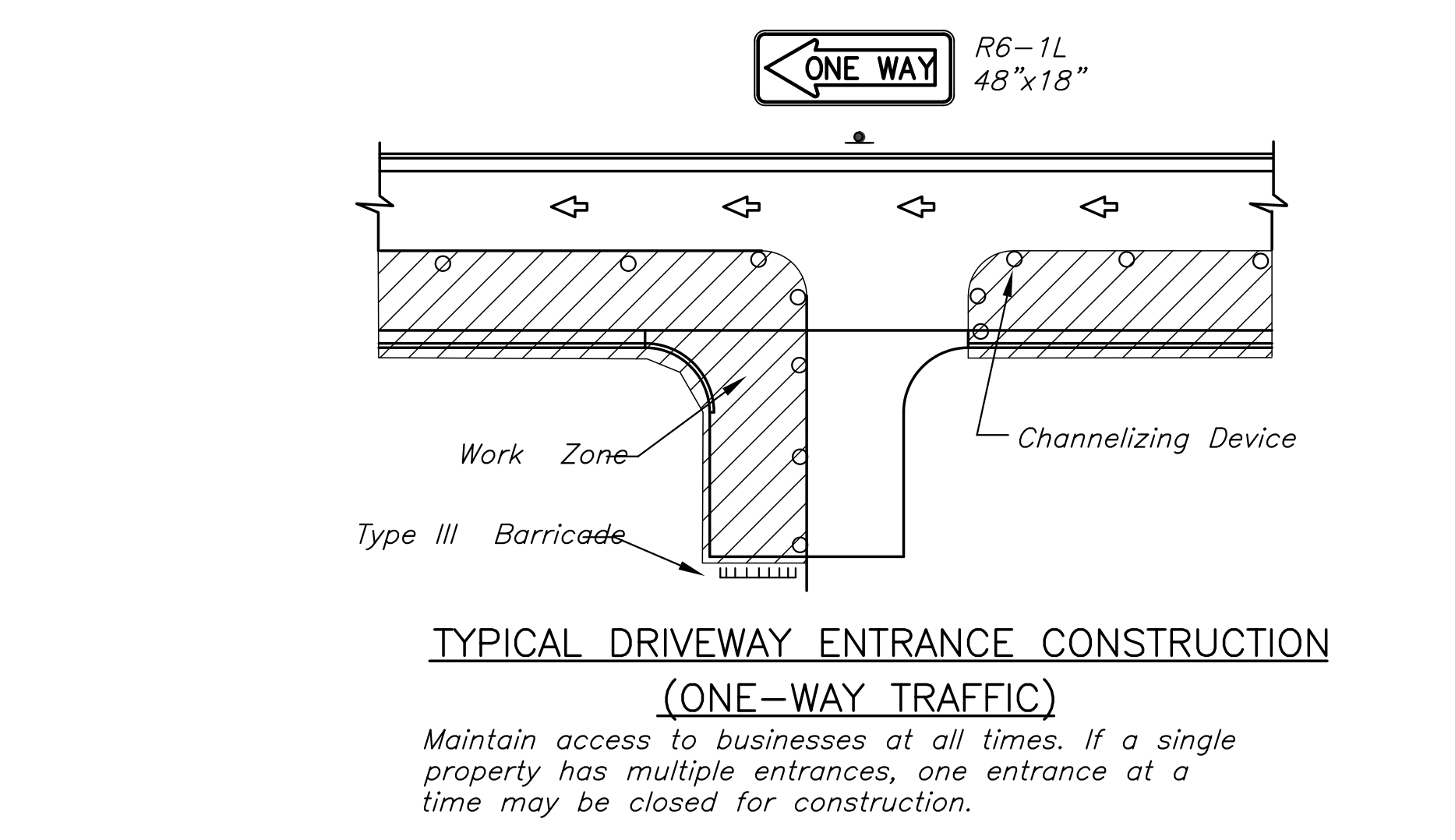
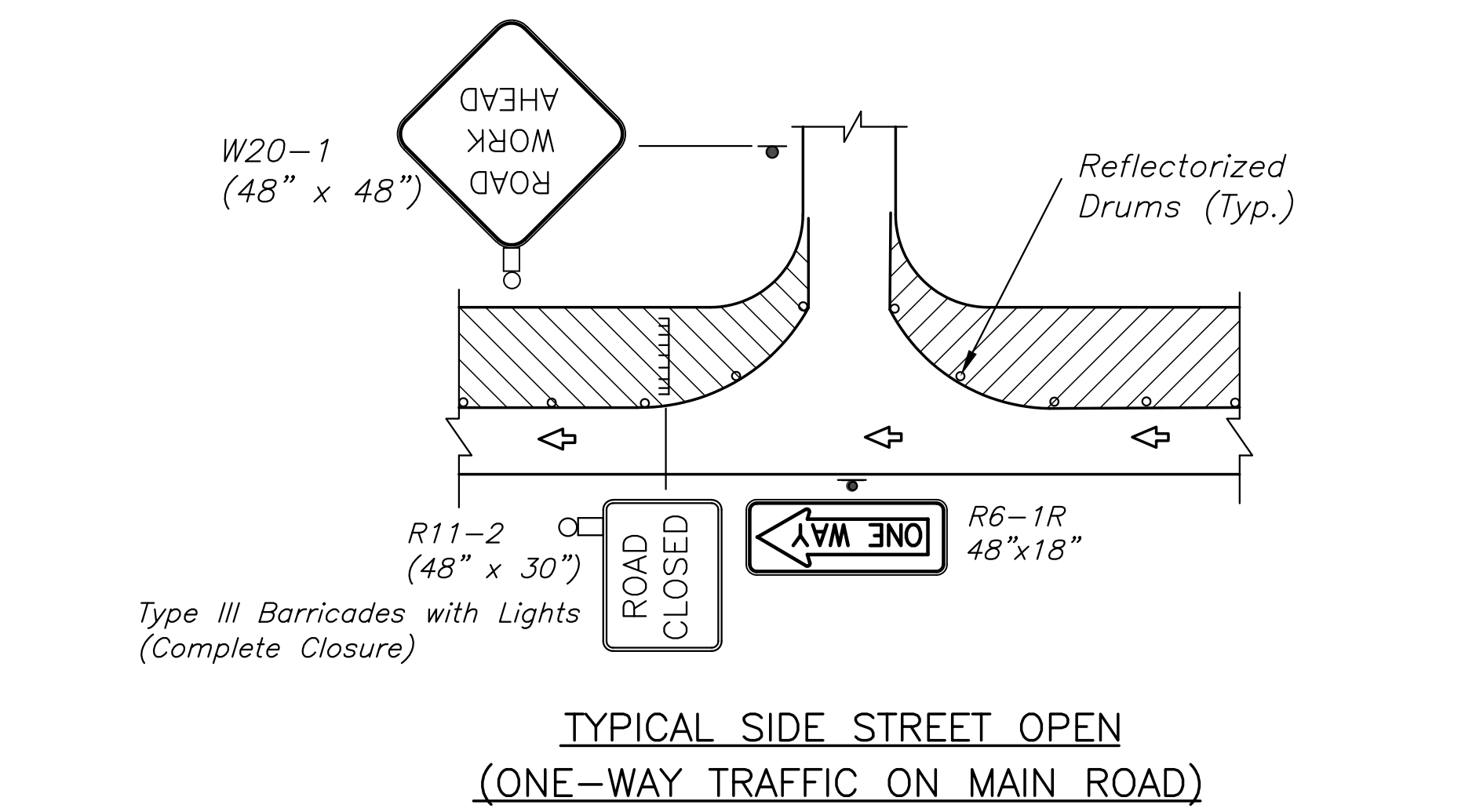
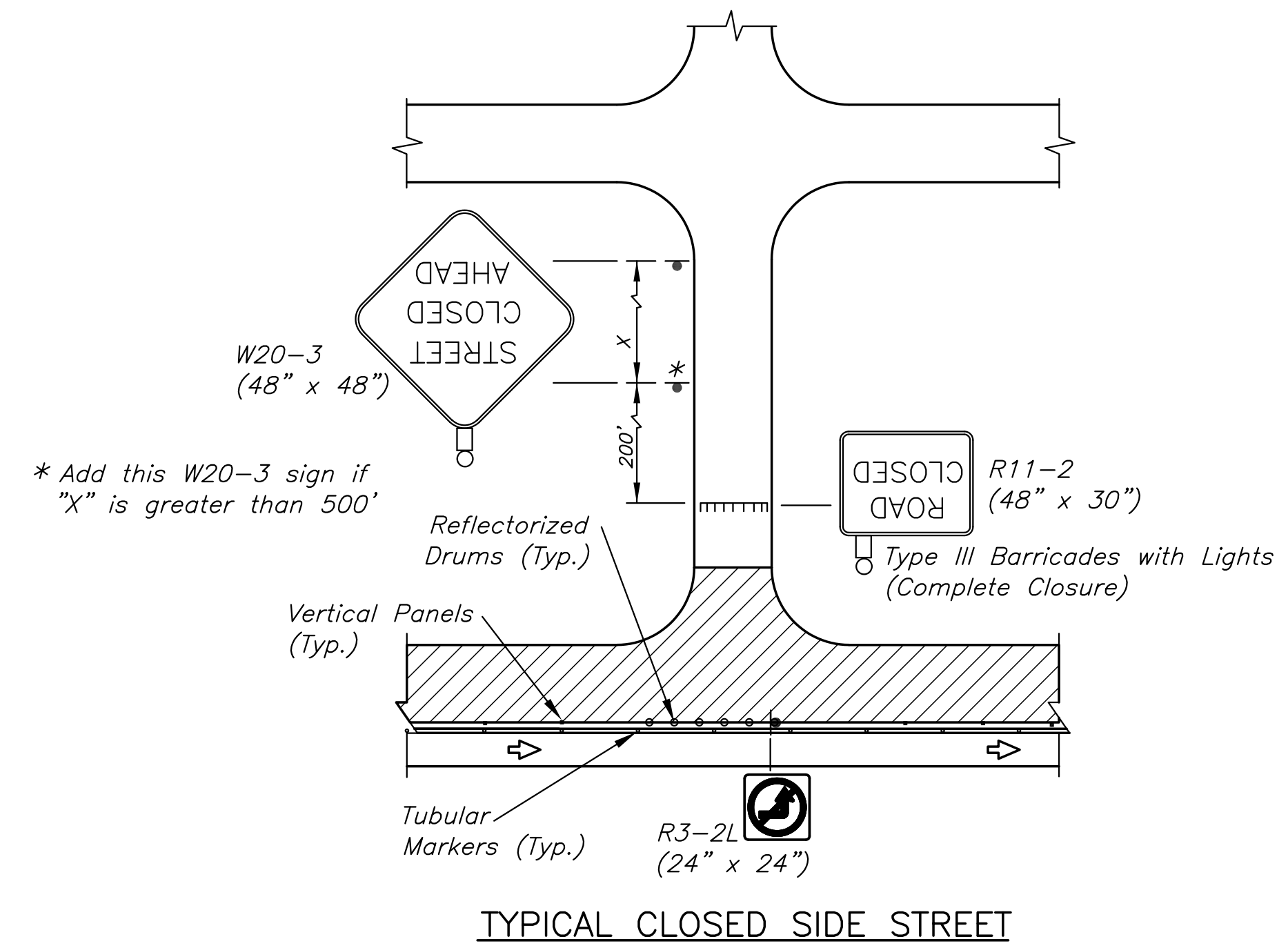


PLOTTED: Wednesday, November 29, 2017 @ 05:28PM
 J:\PROJECTS\2017\140140290 - COV_127TH E - 13TH TO 21ST\05-CIVIL\CA\TRAFFIC\14290-1.DWG

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0615-01	2017	134	183



PHASING	HANDLING OF TRAFFIC	MAJOR CONSTRUCTION ITEMS	REMARKS
1	Maintain two-lane two-directional traffic on 127th Street. Provide localized traffic control near and around construction work zones as required. Installation of storm sewer lines shall be made under normal traffic conditions utilizing flagger control.	Construct water line improvements. Construct segment of SWS Lines 7 and 13 that cross 127th Street. Construct temporary pavement widening south of Birchwood Street.	Refer to the typical traffic control plans for work along and near the edge of roadway and for work within the roadway. Both plans are shown on sheet 145 of the plans.
2A	Provide a single lane of Northbound traffic on 127th Street in the west lane of the existing roadway from the south end of the project to approximately station 16+20. Transition traffic from west lane to east lane of the existing roadway between stations 16+20 and 19+20. Provide a single lane of Northbound traffic in the east lane of the existing roadway from station 19+20 to the north end of the project. Erect detour signing for Southbound 127th Street traffic between 21st Street and 13th Street. Access to and from 127th to Castlewood Drive or Tallowood Drive shall be maintained at all time. Both approaches shall not be closed at any time.	Construct the proposed improvements on the west half of the project from approximately station 19+20 to the north end of the project including storm sewers, entrances and side-road approaches, sidewalk and bridge widening. Construct the remaining portions of SWS Lines 7 and 13. Construct portions of SWS Line 1 as allowed and patch the existing pavement to allow traffic use during Phase 3.	Refer to Phase 2A traffic control plan and sections on sheet 135. Refer to the 127th Southbound detour plan on sheet 139. Refer to the traffic control sections applicable to Phase 2A on sheet 137. At a minimum, roadway construction should include the west through lane. Construction to the project center line may not be feasible in all locations.
2B	Provide a single lane of Northbound traffic on 127th Street in the east lane of the existing roadway. Maintain detour signing for Southbound 127th Street traffic between 21st Street and 13th Street. Access to and from 127th to Castlewood Drive or Tallowood Drive shall be maintained at all time. Both approaches shall not be closed at any time.	Begin this phase when construction is complete on the eastern portions of SWS Line 1 and existing pavement has been patched. Continue constructing items noted in Phase 2A above and the remaining portions of SWS Line 1.	Refer to Phase 2B traffic control plan and sections on sheet 136. Refer to the 127th Southbound detour plan on sheet 139. Refer to the traffic control sections applicable to Phase 2B on sheet 137. At a minimum, roadway construction should include the west through lane. Construction to the project center line may not be feasible in all locations.
3	Provide a single lane of Northbound traffic in the newly constructed west lane of 127th Street. Maintain detour for southbound 127th traffic.	Construct the proposed improvements on the east half of the project including storm sewers, entrances and side road approaches, sidewalk, bridge widening, retaining wall and channel improvements.	Refer to Phase 3 traffic control plan and sections on sheet 138. Construct remaining portions of the proposed pavement on the west half of the project.
4	Allow full-use of 127th Street between 13th and 21st. Provide temporary lane closures as necessary to complete the construction items to occur this phase.	Construct asphalt surface courses on entire project and install permanent pavement markings. Perform permanent seeding and site restoration activities. Construct all remaining items that have yet to be constructed.	Temporary lane closures and other traffic control operations used in this phase shall follow appropriate standard traffic control standards.



Contractor may construct improvements on the north half of the project independently from the south half of the project provided that a single lane of northbound traffic is maintained, proper shifting of traffic is performed in accordance with these plans and the MUTCD and temporary drainage is provided throughout construction.

Contractor may construct bridge widening improvements on both sides at once provided traffic control, including temporary concrete safety barrier is erected and maintained throughout construction. Additional concrete safety barrier will be at no cost to the owner.

All signs and pavement markings conflicting with construction traffic control shall be covered or removed as directed by the Engineer.

As the various construction activities progress, certain situations may arise that will preclude adhering to the original construction sequence or which, in the opinion of the Contractor, would readily adapt themselves to a more efficient phasing operation. Should this occur, the Contractor may submit to the Engineer an alternative plan for approval.

Contractor shall maintain existing drainage system during construction and address local drainage issues as necessary during construction. Temporary drainage measures will be subsidiary to other items in the contract. Contractor shall provide for drainage in sump areas opened to traffic. Pondered stormwater in sump areas will not be allowed.

Maintain access to all properties within the project limits at all times. Driveways less than 24' wide may be closed completely during re-construction. Wider drives shall be constructed half-at-a-time with the other half remaining open. Properties with two driveways may have one drive closed for re-construction with the other drive remaining open.

All traffic control signs and devices shall be in conformance with the latest edition of the Manual on Uniform Traffic Control Devices.

Contractor shall provide temporary asphalt pavement where necessary to bridge grade differentials between new and existing pavement. Cost of Temporary Surfacing shall be paid for as "AC Pavement 6" Temporary". The plan quantity shown is an arbitrary amount. The actual quantity will be determined in the field during construction as approved by the Engineer.

STREET IMPROVEMENTS FOR
127TH STREET EAST
 FROM 13TH STREET NORTH TO 21ST STREET NORTH

©2017
 MKEC Engineering
 All Rights Reserved
 www.mkec.com
 These drawings and their contents, including, but not limited to, all concepts, designs, & ideas are the exclusive property of MKEC Engineering (MKEC), and may not be used or reproduced in any way without the express consent of MKEC.

CONSTRUCTION SEQUENCE SUMMARY		
PROJECT NO.	472-85158	
DATE	11/29/17	
SCALE	NTS	
DESIGNED	DRAWN	CHECKED
JRA	WNJ	JRA
NO.	REVISION	DATE
SHEET NO.		
134 OF 183		