

GENERAL

1. CONSTRUCTION BARRICADES, CHANNELIZING DEVICES, DETOUR SIGNS AND CONSTRUCTION SIGNS SHALL BE PRESENT THROUGHOUT THE ENTIRE PROJECT DURATION. THE CONTRACTOR SHALL SUBMIT A SEQUENCING PLAN, TRAFFIC CONTROL DETOUR PLAN AND CONSTRUCTION SIGNING PLAN TO THE CITY AS A SHOP DRAWING SUBMITTAL AT THE PRE-CONSTRUCTION CONFERENCE PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL NOT BE PERMITTED TO BEGIN CONSTRUCTION UNTIL THE CITY HAS APPROVED THE CONTRACTOR'S SEQUENCING, TRAFFIC CONTROL, DETOUR AND CONSTRUCTION SIGNING PLAN. THE CONTRACTOR SHALL MAKE REVISIONS TO THESE PLANS AS DIRECTED BY THE CITY DURING THE REVIEW PHASE. PAYMENT FOR PROVIDING AND MAKING REVISIONS TO THE SEQUENCING, TRAFFIC CONTROL, DETOUR AND CONSTRUCTION SIGNING PLAN SHALL BE PAID UNDER BID ITEM 155.
2. ALL NECESSARY CONES, DRUMS, VERTICAL PANELS, BARRICADES, BARRIERS AND ALL OTHER TYPES OF SIGNS AND TEMPORARY PAVEMENT MARKINGS THAT MAY BE REQUIRED TO PROTECT THE TRAVELING PUBLIC SHALL BE FURNISHED, MAINTAINED, MOVED AND REMOVED AND BE PAID FOR UNDER THE APPROPRIATE BID ITEM FOR TRAFFIC CONTROL DEVICES AND SHALL BE IN CONFORMANCE THE TXDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI.
3. DURING EACH PHASE OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN MATERIAL TO CONNECT PROPOSED PAVEMENT TO EXISTING PAVEMENT AT ALL DRIVEWAYS, SIDE STREETS AND INTERSECTION LOCATIONS FOR CONTINUOUS INGRESS/EGRESS AND PAYMENT SHALL BE SUBSIDIARY TO THE APPROPRIATE BIDE ITEM FOR TEMPORARY HMAC PAVEMENT.
4. CONTRACTOR SHALL CONSTRUCT RETAINING WALLS, JUNCTION BOXES, STORM SEWERS, WATER LINES, SANITARY SEWER LINES AND ALL OTHER MISCELLANEOUS PROPOSED ITEMS DURING EACH OR AFTER THE APPROPRIATE PHASE.
5. THE CONTRACTOR SHALL PROVIDE CONTINUOUS INGRESS/EGRESS TO ALL RESIDENTS, BUSINESSES, TRASH SERVICE, MAIL SERVICE AND EMERGENCY VEHICLES DURING ALL PHASES OF CONSTRUCTION.
6. THE CONTRACTOR SHALL CONSTRUCT SIDEWALKS, FINAL GRADING, GRASS REPLACEMENT, STREET LIGHT CONDUIT, FIBER OPTIC CONDUIT, LIGHTING CONDUIT AND SIGNALIZATION CONDUIT IN THE APPROPRIATE PHASE OF CONSTRUCTION.
7. THE CONTRACTOR SHALL NOT BLOCK THE VISIBILITY OF EXISTING REGULATORY SIGNS ALONG ANY DETOUR ROUTE WITH PROPOSED DETOUR SIGNS.
8. DURING NON-WORKING HOURS, THE CONTRACTOR SHALL NOT LEAVE AN OPEN TRENCH IN THE EXISTING OR PROPOSED ROADWAY FOR WATER LINE, SANITARY SEWER, STORM SEWER, MANHOLE OR JUNCTION BOX CONSTRUCTION. AT THE END OF EACH DAY, THE CONTRACTOR SHALL BACKFILL ALL OPEN TRENCHES AND PLACE TEMPORARY HMAC PAVEMENT OR UTILIZE TRAFFIC RATED STEEL PLATES TO COVER THE TRENCH OR OPENING.
9. CONSTRUCTION OF TEMPORARY CONNECTIONS BETWEEN EXISTING AND PROPOSED WATER LINES AND SANITARY SEWERS SHALL BE SUBSIDIARY TO THE CONSTRUCTION OF PROPOSED WATER LINES AND SANITARY SEWERS.
10. THE CONTRACTOR SHALL PROVIDE 5 DAYS NOTICE TO THE CITY PRIOR TO CHANGES IN TRAFFIC CONTROL, CHANGES IN CONSTRUCTION SEQUENCING OR ROAD CLOSURES.

GENERAL GUIDELINES FOR CONTRACTOR'S SEQUENCING AND DETOUR PLAN

A. TRAFFIC

1. DURING CONSTRUCTION OF THE PROPOSED WATER LINES AND SANITARY SEWERS, THE CONTRACTOR SHALL AT ALL TIMES PROVIDE ONE-WAY TRAFFIC. AT THE END OF EACH DAY, THE CONTRACTOR SHALL PLACE TEMPORARY HMAC PAVEMENT IN THE PROPOSED WATER LINE OR SANITARY SEWER TRENCH WITHIN A MINIMUM OF 100-FT OF THE PIPE LAYING TRAIN. TEMPORARY HMAC SHALL PROVIDE A REASONABLY SMOOTH DRIVING SURFACE FOR THE DURATION OF CONSTRUCTION OR UNTIL THE PROPOSED SUBGRADE IS CONSTRUCTED. TEMPORARY HMAC PAVEMENT SHALL BE MAINTAINED. IF THE TEMPORARY PAVEMENT BECOMES RUTTED OR POT-HOLES DEVELOP, THE CONTRACTOR SHALL MAKE THE REQUIRED REPAIRS TO RESTORE THE PAVEMENT TO A REASONABLY SMOOTH DRIVING SURFACE. NO ADDITIONAL COMPENSATION OR EXTENSIONS IN QUANTITY SHALL BE PROVIDED FOR THE MAINTENANCE OF TEMPORARY HMAC. THE CONTRACTOR SHALL INCLUDE MAINTENANCE AND REPAIR COSTS IN THE APPROPRIATE BID ITEM FOR TEMPORARY HMAC PAVEMENT.
2. ONCE THE PROPOSED WATER AND SANITARY SEWER LINES ARE CONSTRUCTED, THE CITY WILL ALLOW PORTIONS OF FANNIN TO BE CLOSED TO THROUGH TRAFFIC. THE FOLLOWING CLOSURES TO THROUGH TRAFFIC DURING THE CONSTRUCTION OF PROPOSED STORM SEWERS, SUBGRADE, CURB AND GUTTER ARE ACCEPTABLE TO THE CITY:
 - BOYDSTUN TO 1/2 THE DISTANCE BETWEEN ST MARY AND STORRS (STA. 0+00 TO 8+00)
 - FROM 1/2 THE DISTANCE BETWEEN ST MARY AND STORRS TO MUNSON (STA. 8+00 TO 13+00)
 - FROM MUNSON TO DENNISON (STA. 13+00 TO 18+00)
 - FROM DENNISON TO WASHINGTON (STA. 18+00 TO END)

ONCE THE SUBGRADE AND CURB AND GUTTER ARE CONSTRUCTED FOR EACH SEGMENT OF CLOSURES TO THROUGH TRAFFIC, THE CONTRACTOR SHALL IMMEDIATELY PLACE FOUR INCHES OF TYPE B HMAC PAVEMENT AND REOPEN THE ROADWAY TO TWO-WAY TRAFFIC. THE FINAL TWO INCHES OF TYPE D HMAC SHALL BE PLACED AT THE END OF THE PROJECT ONCE ALL PAVING SEGMENTS ARE COMPLETED FROM BOYDSTUN TO WASHINGTON.

3. THE CONTRACTOR WILL NOT BE PERMITTED TO CLOSE ENTIRE INTERSECTIONS. THE CONTRACTOR SHALL CONSTRUCT INTERSECTIONS 1/2 AT A TIME AND PROVIDE DETOURS FOR THE CLOSED DIRECTION OF THE INTERSECTIONS. THE CONTRACTOR SHALL PROVIDE A DETAILED PHASING, TRAFFIC CONTROL AND DETOUR PLAN FOR THE BOYDSTUN AND WASHINGTON INTERSECTIONS. SINCE THE INTERSECTION OF FANNIN AND WASHINGTON ARE PART OF S.H. 66, THE INTERSECTION SHALL NOT BE CLOSED AT ANYTIME TO EASTBOUND WASHINGTON TRAFFIC TURNING NORTH ONTO NORTHBOUND FANNIN.

B. SUGGESTED CONSTRUCTION SEQUENCING

1. CONSTRUCT STORM SEWER A-1
2. CONSTRUCT PROPOSED WATER LINES AND SANITARY SEWERS FROM BOYDSTUN TO WASHINGTON
3. CONSTRUCT STORM SEWERS, SUBGRADE AND CURB AND GUTTERS FROM BOYDSTUN TO 1/2 THE DISTANCE BETWEEN ST MARY AND STORRS (STA. 0+00 TO 8+00). PLACE 4-INCHES TYPE B HMAC BASE.
4. CONSTRUCT STORM SEWERS, SUBGRADE AND CURB AND GUTTERS FROM 1/2 THE DISTANCE BETWEEN ST MARY AND STORRS TO MUNSON (STA. 8+00 TO 13+00). PLACE 4-INCHES TYPE B HMAC BASE.
5. CONSTRUCT STORM SEWERS, SUBGRADE AND CURB AND GUTTERS FROM MUNSON TO DENNISON (STA. 13+00 TO 18+00). PLACE 4-INCHES TYPE B HMAC BASE.
6. CONSTRUCT STORM SEWERS, SUBGRADE AND CURB AND GUTTERS FROM DENNISON TO WASHINGTON (STA. 18+00 TO END). PLACE 4-INCHES TYPE B HMAC BASE.
7. PLACE FINAL 2-INCHES OF TYPE D HMAC FROM BOYDSTUN TO WASHINGTON AND HMAC OVERLAYS.
8. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCING PLAN OUTLINED ABOVE FOR CONSIDERATION BY THE CITY. ALTERNATE SEQUENCING PLANS WILL NOT BE A CONSIDERATION FOR ADDITIONAL COMPENSATION.

This record drawing is a compilation of the sealed engineering drawing for this project; modified by addenda, change orders and information furnished by the contractor. The information shown on the record drawings that was provided by the contractor or others not associated with the design engineer cannot be verified for accuracy or completeness. This original sealed drawings are on file at the offices of Birkhoff, Hendricks & Conway, L.L.P.

BY MH DATE 4/25/09

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.

DATE: 01/19/09



These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Birkhoff, Hendricks, & Conway, L.L.P.

CITY OF ROCKWALL, TEXAS			
FANNIN STREET SUGGESTED SEQUENCE OF WORK PHASING NOTES			
BIRKHOFF, HENDRICKS & CONWAY, L.L.P. CONSULTING ENGINEERS <small>Dallas, Texas</small>			
DESIGNED BY: <u>M.H.</u>	PROJECT: <u>2005-111</u>	SHEET NO. <u>74</u>	
DRAWN BY: <u>J.M.</u>	DATE: <u>MAY, 2006</u>		